

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง									ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง					
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
1	Conference	International	Chromium vaporisation from AISI 441 stainless steel oxidised in humidified oxygen	Oxidation of Metals	2013	Wongpromrat, W., Thaikan, H., Chandra-Ambhorn, W., Chandra-Ambhorn, S.	Wongpromrat, W./ Chandra-ambhorn, W.	Chemical	5	Journal	International	Development of the Scale Adhesion Assessment Using a Tensile Testing Machine Equipped with a CCD Camera	Oxidation of Metals	Nilsonthi, T., Issaard, W., Chandra-ambhorn, S.
2	Conference	International	Optimization of a membrane-based oxidative coupling of methane reactor using surface response methodology	Chemical Engineering Transactions	2013	Patcharavorachot, Y., Tiraset, S., Saebea, D., Paengjuntuek, W., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	3	Journal	International	Oxidative conversion of methane of natural gas to oxygen containing compounds	Chemical Engineering Transactions	Tungatarova, S.A., Baizhumanova, T.S., Zheksenbaeva, Z.T., (...), Massalimova, B.K.,
3	Journal	International	Analysis of a pressurized solid oxide fuel cell-gas turbine hybrid power system with cathode gas recirculation	International Journal of Hydrogen Energy	2013	Saebea, D., Patcharavorachot, Y., Assabumrungrat, S., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	9	Journal	International	Cycle analysis of solid oxide fuel cell-gas turbine hybrid systems integrated ethanol steam reformer: Energy management	Energy	Saebea, D., Magistri, L., Massardo, A., Arpornwichanop, A.
4	Journal	International	Capacitive performance of binder-free carbon/carbon composite cryogels	Microporous and Mesoporous Materials	2013	Kraiwananawong, K., Sano, N., Tamon, H.	Kraiwananawong, K.	Chemical	6	Journal	International	Carbon cryogel from resorcinol formaldehyde: tuning of processing steps and activation for use in supercapacitor	Materials Technology	Chavhan, M.P., Ganguly, S.
5	Journal	International	Diesel-like hydrocarbon production from hydroprocessing of relevant refining palm oil	Fuel Processing Technology	2013	Kiatkittipong, W., Phimsen, S., Kiatkittipong, K., Wongsakulphasatch, S., Laosiripojana, N.,	Kiatkittipong, K.	Chemical	31	Journal	International	High Quality Biowaxes from Fatty Acids and Fatty Esters: Catalyst and Reaction Mechanism for Accompanying Reactions	Industrial and Engineering Chemistry Research	Oliver-Tomas, B., Renz, M., Corma, A.
6	Journal	International	Fluid-flow models operating on linear algebra for extraction and stripping of silver ions from pharmaceutical wastewater by HFSLM	Chemical Engineering Journal	2013	Wongsawa, T., Leepipatpiboon, N., Thamphiphit, N., Pancharoen, U., Lothongkum, A.W.	Lothongkum, A.W.	Chemical	18	Journal	International	Amoxicillin removal from aqueous solutions using hollow fibre supported liquid membrane: Kinetic study	Chemical Papers	Pirom, T., Wongsawa, T., Wannachod, T., (...), Pancharoen, U., Kheawhom, S.
7	Journal	International	Hydrogen production from catalytic supercritical water reforming of glycerol with cobalt-based catalysts	International Journal of Hydrogen Energy	2013	Pairojpiriyakul, T., Croiset, E., Kiatkittipong, W., Kiatkittipong, K., Arpornwichanop, A., Assabumrungrat, S.	Kiatkittipong, K.	Chemical	20	Journal	International	Enhanced reduction of few-layer graphene oxide via supercriticalwater gasification of glycerol	Nanomaterials	Torres, D., Arcelus-Arrillaga, P., Millan, M., Pinilla, J.L., Suelves, I.
8	Journal	International	Investigation of a proton-conducting SOFC with internal autothermal reforming of methane	Chemical Engineering Research and Design	2013	Arpornwichanop, A., Patcharavorachot, Y.	Patcharavorachot, Y.	Chemical	6	Journal	International	Dynamic Modelling of the Direct Internal Reforming (DIR) of Methane in 60-cell Stack with Electrolyte Supported Cells	Energy Procedia	Kupeccki, J., Motylinski, K., Milewski, J.
9	Journal	International	Long-term analysis of NO ₂ , CO, and AOD seasonal variability using satellite observations over Asia and intercomparison with emission inventories and model	Air Quality, Atmosphere and Health	2013	Lalitaporn, P., Kurata, G., Matsuoka, Y., Thongboonchoo, N., Surapipith, V.	Thongboonchoo, N.	Chemical	5	Journal	International	Emission control effects observed from space during the military parade 2015 in Beijing	Journal of Remote Sensing	Zhang, H., Yu, C., Su, L., (...), Wang, Y., Chen, L.
10	Journal	International	Photocatalysis of heat treated sodium- and hydrogen-titanate nanoribbons for water splitting, H ₂ /O ₂ generation and oxalic acid oxidation	Chemical Engineering Science	2013	Kiatkittipong, K., lwase, A., Scott, J., Amal, R.	Kiatkittipong, K.	Chemical	10	Journal	International	EDTA-Na ₂ -assisted synthesis of rod-like titanate-TiO ₂ composite architectures with enhanced visible-light-driven properties	Journal of Industrial and Engineering Chemistry	Nguyen-Le, M.-T., Lee, B.-K., Tran, D.-M.
11	Journal	International	Use of different renewable fuels in a steam reformer integrated into a solid oxide fuel cell: Theoretical analysis and performance comparison	Energy	2013	Saebea, D., Authayanun, S., Patcharavorachot, Y., Paengjuntuek, W., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	9	Journal	International	Control structure design of a solid oxide fuel cell and a molten carbonate fuel cell integrated system: Top-down analysis	Energy Conversion and Management	Jienkulsawad, P., Skogestad, S., Arpornwichanop, A.
12	Conference	International	Assessment of social impacts of a reservoir on a saline soil area in northeast thailand	Advanced Materials Research	2013	Sirkaew, U., Seeboonruang, U.	Seeboonruang, U.	Civil	1	Journal	International	Community perception of the Klimkówka Reservoir in Poland	International Journal of Water Resources Development	Wiejaczka, E., Piróg, D., Soja, R.

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13	Journal	International	Development of tunneling influence zones for adjacent pile foundations by numerical analyses	Tunnelling and Underground Space Technology	2013	Jongpradist, P., Kaewsri, T., Sawatpanich, A., Suwansawat, S., Youwai, S., Kongkitkul, W., Sunitsakul, J.	Suwansawat, S.	Civil	11	Journal	International	Strata Disturbance Influenced by Soil Mechanical Parameters Varying with Dynamic Tunnel Construction	Modern Tunnelling Technology	Liu, Z., He, P., Zhang, A., Wang, X.
14	Journal	International	Relationship between groundwater properties and soil salinity at the Lower Nam Kam River Basin in Thailand	Environmental Earth Sciences	2013	Seeboonruang, U.	Seeboonruang, U.	Civil	6	Journal	International	Soil water and salt affect cotton (<i>Gossypium hirsutum</i> L.) photosynthesis, yield and fiber quality in coastal saline soil	Agricultural Water Management	Zhang, H., Li, D., Zhou, Z., (...), Chen, B., Meng, Y.
15	Conference	International	Clustering Top-10 malware/bots based on download behavior	Proceedings - 2013 International Conference on Information Technology and Electrical Engineering: "Intelligent and Green	2013	Yukonhiatou, C., Kittitornkun, S., Kikuchi, H., Sisaat, K., Terada, M., Ishii, H.	Kittitornkun, S.	Computer	1	Conference	International	Improving intrusion detection on snort rules for botnets detection	Lecture Notes in Electrical Engineering	Chanthakoummane, Y. , Saiyod, S. , Benjamas, N.
16	Conference	International	Content-based image retrieval system based on combined and weighted multi-features	13th International Symposium on Communications and Information Technologies: Communication and Information Technology for New Life	2013	Bounthan, M., Attachoo, B., Hamamoto, K., Bounthan, T.	Attachoo, B.	Computer	2	Journal	International	Content based image retrieval based on low level features using genetic algorithm with K-means clustering	International Journal of Pure and Applied Mathematics	Vetrihangam, D. , Maheswari, N.U. , Venkatesh, R.
17	Conference	International	Extended Baker map using Scan patterns for image encryption	Proceedings - 2013 International Conference on Information Technology and Electrical Engineering: "Intelligent and Green	2013	Hung, P.A., Sooraksa, P., Klomkarn, K.	Sooraksa, P./ Klomkarn, K.	Computer	2	Journal	International	Numbering with spiral pattern to prove authenticity and integrity in medical images	Pattern Analysis and Applications	Hisham, S.I. , Muhammad, A.N. , Badshah, G.
18	Conference	International	Image encryption based on chaotic map and dynamic S-box	ISPACS 2013 - 2013 International Symposium on Intelligent Signal Processing and Communication Systems	2013	Hung, P.A., Klomkarn, K., Sooraksa, P.	Klomkarn, K./ Sooraksa, P.	Computer	1	Journal	International	A voltage regulator-assisted lightweight AES implementation against DPA attacks	IEEE Transactions on Circuits and Systems I: Regular Papers	Yu, W. , Kose, S.
19	Conference	International	Learning the basics of microcontroller starter kit boards AVR (eSnack)	Proceedings of 2013 IEEE International Conference on Teaching, Assessment and Learning for Engineering, TALE 2013	2013	Purahong, B.	Purahong, B.	Computer	3	Conference	International	Successive build up lab for learning mechatronics	IEEE International Conference on Teaching, Assessment and Learning for Engineering	Phanomchoeng, G. , Chanchaoren, R. , Kwanmuang, S.
20	Conference	International	Location-based routing scheme with adaptive request zone in mobile ad hoc networks	IEICE Transactions on Information and Systems	2013	Kirdpipat, P., Thipchaksurat, S.	Thipchaksurat, S.	Computer	3	Conference	International	Improvement of route lifetime of LAR protocol for VANET in highway scenario	IEEE/ACS International Conference on Computer Systems and Applications	Nabil, M. , Hajami, A. , Haqiq, A.
21	Conference	International	Novel microwave carbonization system for coconut shells	Advanced Materials Research	2013	Payakkawan, P., Areejit, S., Sooraksa, P.	Sooraksa, P.	Computer	1	Journal	International	Nitrogen doped and hierarchically porous carbons derived from chitosan hydrogel via rapid microwave carbonization for high-performance supercapacitors	Carbon	Li, B. , Cheng, Y. , Dong, L.
22	Conference	International	Performance analysis & improvement of SNPHAP on Multi-core CPUs	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Ranokphanuwat, R., Kittitornkun, S., Tongsima, S.	Kittitornkun, S.	Computer	1	Conference	International	Performance analysis of process using loadable kernel module (LKM)	International Conference on Communication Systems and Network Technologies	Parichha, B.K.
23	Conference	International	Robustness of 3D indoor localization based on fingerprint technique in wireless sensor networks	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Chuenurajit, T., Phimmasean, S., Chertanomwong, P.	Chertanomwong, P.	Computer	5	Conference	International	Received signal strength based localization in sectorized cellular networks	International Conference on Telecommunications	Buyukcorak, S., Kurt, G.K., Yongacoglu, A.
24	Journal	International	All-optical logic and and or gates generated by dark-bright soliton conversion	Optik	2013	Phongsanam, P., Teeka, C., Jomtarak, R., Mitatha, S., Yupapin, P.P.	Mitatha, S.	Computer	15	Journal	International	All-optical XOR and OR by Mach-Zehnder Interferometer engineered photonic crystal fibers	Optics and Laser Technology	Sales, J.C., Filho, A.F.G.F., Ferreira, A.C., (...), Guimarães, G.F., Sombra, A.S.B.

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25	Journal	International	An optical nano-antenna system design for radio therapeutic use.	Artificial cells, nanomedicine, and biotechnology (Print)	2013	Thammawongsa, N., Mitatha, S., Yupapin, P.P.	Mitatha, S.	Computer	1	Journal	International	Psychiatric investigation using WGMs in microring circuits	Journal of Innovative Optical Health Sciences	Tamee, K. , Yupapin, P.P.
26	Journal	International	Four Point probe micro-optical gyroscope with self calibration control	IEEE Sensors Journal	2013	Mitatha, S., Sirawattananon, C., Ali, J., Yupapin, P.P.	Mitatha, S.	Computer	1	Journal	International	The development of micromachined gyroscope structure and circuitry technology	Sensors (Switzerland)	Xia, D. , Yu, C. , Kong, L.
27	Journal	International	Highly secured optical communication by optical key and identification address	Optik	2013	Juleang, P., Putthacharoen, R., Mitatha, S., Yupapin, P.P.	Mitatha, S.	Computer	2	Conference	International	Soliton pulse induces TPA effect in a silicon MRR all-optical switch	IEEE Conference on System, Process and Control	Nawi, I.N.M. , Ali, J. , Yupapin, P.P.
28	Journal	International	Method for acceleration measurement using a laser Doppler interferometer	Measurement Science and Technology	2013	Jin, T., Takita, A., Mitatha, S., Yupapin, P.P., Jia, H.Z., Hou, W.M., Fujii, Y.	Mitatha, S.	Computer	2	Journal	International	Impact force measurement of a spherical body dropping onto a water surface	Review of Scientific Instruments	Araki, R. , Takita, A. , Ishima, T.
29	Journal	International	Nanorobot controlled by optical tweezer spin for microsurgical use	IEEE Transactions on Nanotechnology	2013	Thammawongsa, N., Zainol, F.D., Mitatha, S., Ali, J., Yupapin, P.P.	Mitatha, S.	Computer	1	Conference	International	Neuro invasive multi-targeted drug delivery approach using swarm of nano-robotic carriers	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	Hassan, S. , Ullah, I. , Kim, M.O.
30	Journal	International	Nerve communication model by bio-cells and optical dipole coupling effects	Artificial Cells, Nanomedicine and Biotechnology	2013	Zainol, F.D., Thammawongsa, N., Mitatha, S., Ali, J., Yupapin, P.	Mitatha, S.	Computer	2	Journal	International	Remote artificial eyes using micro-optical circuit for long-distance 3D imaging perception	Artificial Cells, Nanomedicine and Biotechnology	Thammawongsa, N. , Yupapin, P.P.
31	Journal	International	Optical spins and nano-antenna array for magnetic therapy	IEEE Transactions on Nanobioscience	2013	Thammawongsa, N., Mitatha, S., Yupapin, P.P.	Mitatha, S.	Computer	2	Journal	International	Novel design of 3D imaging pixel on-chip using a micro-conjugate mirror system	Nano Biomedicine and Engineering	Punthawanunt, S. , Yupapin, P.P. , Phataracorn, P.
32	Journal	International	Rapid detection of hairline cracks on the surface of piezoelectric ceramics	International Journal of Advanced Manufacturing Technology	2013	Withayachumnankul, W., Kunakornvong, P., Asavathongkul, C., Sooraksa, P.	Sooraksa, P.	Computer	4	Conference	International	Detection of micro contamination in hard disk drives using maximum likelihood estimation and angle detection	International Joint Conference on Computer Science and Software Engineering	Ieamsaard, J., Muneesawang, P., Sandnes, F.E.
33	Conference	International	A 0.7-V, 2.86- μ W low-noise logarithmic amplifier for neural recording system	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2013	Sundarasaradula, Y., Thanachayanont, A.	Thanachayanont, A.	Electronics	2	Conference	International	Ultra-low-power front-end CMOS true logarithmic amplifier for biopotential signal acquisition applications	Iranian Conference on Electrical Engineering	Bahrami, E. , Shamsi, H.
34	Conference	International	A compact class-AB bulk-driven quasi-floating gate current mirror for low voltage applications	13th International Symposium on Communications and Information Technologies: Communication and Information Technology for New Life	2013	Suadet, A., Kasemsuwan, V.	Kasemsuwan, V.	Electronics	4	Conference	International	A high output-swing current mirror with neuron MOSFETs in standard CMOS technology	IEEE Asia Pacific Conference on Circuits and Systems	Shimizu, A., Ishikawa, Y., Fukai, S.
35	Conference	International	A low-power and wide dynamic range class-AB Sinh differentiator	ISPACS 2013 - 2013 International Symposium on Intelligent Signal Processing and Communication Systems	2013	Kongpoon, M.	Kongpoon, M.	Electronics	1	Journal	International	An ultra-low-voltage electronic implementation of inertial neuron model with nonmonotonous Lias activation function	Network: Computation in Neural Systems	Kant, N.A. , Dar, M.R. , Khanday, F.A.
36	Conference	International	Alcohol vapor detection by using nanoporous silicon as based sensor	Lecture Notes in Engineering and Computer Science	2013	Atiwongsangthong, N., Niemcharoen, S.	Atiwongsangthong, N./ Niemcharoen, S.	Electronics	1	Journal	International	Electrostatic gas sensor with a porous silicon diaphragm	Sensors and Actuators, B: Chemical	Kim, H.-G. , Lee, K.-W.

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37	Conference	International	Aqueous Co-precipitated spherical shape PbZrO ₃ nanopowders: Perovskite phase formation	Ceramics International	2013	Charoonsuk, P., Vittayakorn, W., Muanghlua, R., Boonchom, B., Niemcharoen, S., Vittayakorn, N.	Muanghlua, R./ Niemcharoen, S.	Electronics	2	Journal	International	The effect of rare earth Dy ³⁺ ions on structural, dielectric and electrical behavior of new nanocrystalline PbZrO ₃ perovskites	Ceramics International	Shahzad, M.A. , Shahid, M. , Bibi, I.
38	Conference	International	Development algorithm to count blood cells in urine sediment using ANN and Hough Transform	BMEiCON 2013 - 6th Biomedical Engineering International Conference	2013	Tangsuktant, W., Pintavirooj, C., Taertulakarn, S., Daochai, S.	Pintavirooj, C.	Electronics	6	Journal	International	A Microfluidic Cytometer for Complete Blood Count with a 3.2-Megapixel, 1.1- μm-Pitch Super-Resolution Image Sensor in 65-nm BSI CMOS	IEEE Transactions on Biomedical Circuits and Systems	Liu, X., Huang, X., Jiang, Y., (...), Yan, M., Yu, H.
39	Conference	International	Development of thin film a-SiO:H/a-Si:H double-junction solar cells and their temperature dependence	Thin Solid Films	2013	Sriprapha, K., Hongsingthong, A., Krajangsang, T., Inthisang, S., Jaroensathainchok, S., Limmanee, A., Titiroongruang,	Titiroongruang, W.	Electronics	4	Journal	International	The role of hydrogenated amorphous silicon oxide buffer layer on improving the performance of hydrogenated amorphous silicon germanium single-junction solar cells	Optical Materials	Sritharathikhun, J., Inthisang, S., Krajangsang, T., (...), Limmanee, A., Sriprapha, K.
40	Conference	International	ECG analysis for person identification	BMEiCON 2013 - 6th Biomedical Engineering International Conference	2013	Pathoumvanh, S., Airphaiboon, S., Prapocharung, B., Leauhatong, T.	Airphaiboon, S./ Leauhatong, T.	Electronics	1	Conference	International	Application of extension method and chaos theory in ECG identity recognition system	IEEE International Conference on Industrial Informatics	Wang, M.-H. , Lee, Z.-Y.
41	Conference	International	Effect of phase difference in multi-antenna microwave thermal ablation for breast cancer treatment	Proceedings of the Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS	2013	Phasukkit, P., Sanpanich, A., Tungjitsolmun, S., Hamamoto, K.	Phasukkit, P./ Tungjitsolmun, S.	Electronics	2	Journal	International	Ultrasound guided percutaneous microwave ablation of benign breast lesions	Oncotarget	Yu, J. , Chen, B.-H. , Zhang, J.
42	Conference	International	Effects of three parameters on graphene synthesis by chemical vapor deposition	8th Annual IEEE International Conference on Nano/Micro Engineered and Molecular Systems, IEEE NEMS 2013	2013	Dathbun, A., Chaisitsak, S.	Chaisitsak, S.	Electronics	3	Journal	International	Graphene growth at low temperatures using RF-plasma enhanced chemical vapour deposition	Sains Malaysiana	Khalid, A., Mohamed, M.A., Umar, A.A.
43	Conference	International	Experimental studies on power control microwave ablation in vitro animal tissues with microwave percutaneous coagulator	Asia-Pacific Microwave Conference Proceedings, APMC	2013	Chaichanyut, M., Lertprasert, P., Tungjitsolmun, S.	Lertprasert, P./ Tungjitsolmun, S.	Electronics	1	Conference	International	Dielectric measurements of ricinoleic acid oil for microwave cancerous treatment	Mediterranean Microwave Symposium	Fawaz, H. , Sadek, S. , Rammal, J.
44	Conference	International	HDI detection by using an AE technique	13th International Symposium on Communications and Information Technologies: Communication and Information Technology for New Life	2013	Sodsri, C., Choomchuay, S.	Choomchuay, S.	Electronics	1	Conference	International	Improved MEMS AE sensors in HARM technology	International Multi-Conference on Systems, Signals and Devices	Sommer, R. , Freitag, M. , Schaufuss, J.
45	Conference	International	Low frequency repetitive transcranial magnetic stimulation to the non-lesioned hemisphere improves paretic arm reach-to-grasp performance after chronic stroke	Disability and Rehabilitation: Assistive Technology	2013	Tretriluxana, J., Kantak, S., Tretriluxana, S., Wu, A.D., Fisher, B.E.	Tretriluxana, S.	Electronics	18	Journal	International	Short- and Long-term Effects of Repetitive Transcranial Magnetic Stimulation on Upper Limb Motor Function after Stroke: A Systematic Review and Meta-Analysis	Clinical Rehabilitation	Zhang, L., Xing, G., Fan, Y., (...), Chen, H., Mu, Q.
46	Conference	International	Minority carrier lifetime controlling of mesa diodes by electron beam irradiation	Advanced Materials Research	2013	Titthikusumarn, W., Jakpetch, W., Titiroongruang, W.	Titiroongruang, W.	Electronics	1	Journal	International	Influence of annealing process on irradiation effect of silicon controlled rectifier	Rengong Jingti Xuebao/Journal of Synthetic Crystals	Chen, Z.-L. , Li, Z.-L. , Wang, H.-M.
47	Conference	International	Optimizations using the genetic algorithm for reversible watermarking	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Panyindee, C., Pintavirooj, C.	Pintavirooj, C.	Electronics	2	Journal	International	Reversible audio data hiding algorithm using noncausal prediction of alterable orders	Eurasip Journal on Audio, Speech, and Music Processing	Xiang, S., Li, Z.
48	Conference	International	QR codes application for reversible watermarking algorithm in biomedical images	BMEiCON 2013 - 6th Biomedical Engineering International Conference	2013	Panyindee, C., Pintavirooj, C.	Pintavirooj, C.	Electronics	2	Journal	International	Visible watermarking scheme for quick response code based on reversible data hiding	International Journal of Digital Crime and Forensics	Zhang, S. , Gao, T.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
49	Conference	International	Reversible watermarking using Gaussian weight prediction and genetic algorithm	Lecture Notes in Engineering and Computer Science	2013	Panyindee, C., Pintavirooj, C.	Pintavirooj, C.	Electronics	2	Conference	International	Appropriate variance mean for sorting based on a Reversible Watermarking Algorithm	Lecture Notes in Engineering and Computer Science	Panyindee, C.
50	Conference	International	Spray deposited CuInS ₂ /TiO ₂ thin film solar cells	8th Annual IEEE International Conference on Nano/Micro Engineered and Molecular Systems, IEEE NEMS 2013	2013	Kaliang, J., Chaisitsak, S.	Chaisitsak, S.	Electronics	1	Journal	International	Structural, optical and electronic properties of indium sulfide compositions under influence of copper impurity produced by chemical method	Results in Physics	Esmaili, P., Kangarlou, H., Savaloni, H.
51	Conference	International	The effects of solvents on the properties of ultra-thin poly (methyl methacrylate) films prepared by spin coating	Thin Solid Films	2013	Tippo, T., Thanachayanont, C., Muthitamongkol, P., Junin, C., Hietschold, M., Thanachayanont, A.	Thanachayanont, A.	Electronics	9	Journal	International	Effect of solvents on the morphology of PMMA films fabricated by spin-coating	Polimeros	Padilha, G.D.S., Giaccon, V.M., Bartoli, J.R.
52	Conference	International	The local generation and recombination lifetime based on forward diode characteristics diagnostics	Journal of Crystal Growth	2013	Pengchan, W., Phetchakul, T., Poyai, A.	Pengchan, W./ Phetchakul, T.	Electronics	1	Journal	International	Effect of perovskite-PbTiO ₃ as a buffer or scattering layer in DSSC performance	Journal of Industrial and Engineering Chemistry	Do, J.Y., Im, Y., Kwak, B.S., Kang, M.
53	Journal	International	3D face alignment and registration in the presence of facial expression differences	IEEE Transactions on Electrical and Electronic Engineering	2013	Pintavirooj, C., Cohen, F.S., Tosranon, P.	Pintavirooj, C.	Electronics	1	Conference	International	Graph-Constrained Surface Registration Based on Tutte Embedding	IEEE Computer Society Conference on Computer Vision and Pattern Recognition Workshops	Zeng, W., Yang, Y.-J., Razib, M.
54	Journal	International	A CMOS inverter-based class-AB pseudo-differential amplifier with current-mode common-mode feedback (CMFB)	Analog Integrated Circuits and Signal Processing	2013	Suadet, A., Kasemsuwan, V.	Kasemsuwan, V.	Electronics	3	Journal	International	A high speed single-pole two-stage fully differential amplifier with intrinsic CMFB	Analog Integrated Circuits and Signal Processing	Karrari, H., Faraji Baghtash, H., Najafi Aghdam, E.
55	Journal	International	A planar nanoporous silicon metal-semiconductor-metal visible light photodetector	Advanced Science Letters	2013	Atiwongsangthong, N.	Atiwongsangthong, N.	Electronics	1	Journal	International	Ultra-high aspect ratio functional nanoporous silicon via nucleated catalysts	RSC Advances	Patil, J.J., Smith, B.D., Grossman, J.C.
56	Journal	International	An accurate forearm EMG signal classification method using two-channel electrode	IEEE Transactions on Electrical and Electronic Engineering	2013	Sueaseenak, D., Chanwimalueang, T., Pintavirooj, C., Sangworasil, M.	Pintavirooj, C./ Sangworasil, M.	Electronics	4	Conference	International	Denosing of electrocardiogram measurement system based on statistical signal processing	Global Conference on Consumer Electronics, GCCE	Sueaseenak, D.
57	Journal	International	Analysis the electrical properties of diode at low dose X-ray irradiation	Advanced Science Letters	2013	Srithanachai, I., Niemcharoen, S.	Niemcharoen, S.	Electronics	1	Journal	International	Effect on C-V characteristics of P-N photodetector	Far East Journal of Electronics and Communications	Chaiyasoonthorn, S., Srithanachai, I., Sangwaranatee, N.
58	Journal	International	Dual-camera acquisition for accurate measurement of three-dimensional eye movements	IEEE Transactions on Electrical and Electronic Engineering	2013	Wibirama, S., Tungjikusolmun, S., Pintavirooj, C.	Tungjikusolmun, S./ Pintavirooj, C.	Electronics	9	Journal	International	Evaluating 3D gaze tracking in virtual space: A computer graphics approach	Entertainment Computing	Wibirama, S., Nugroho, H.A., Hamamoto, K.
59	Journal	International	Effect of Pb(Ni ^{1/2} W ^{1/2})O ₃ on the phase transition behavior of PbZrO ₃ ceramic	Ferroelectrics	2013	Sukha, U., Vittayakorn, W., Muanghlua, R., Niemcharoen, S., Karbkaew, A., Seeharaj, P., Vittayakorn, N.	Muanghlua, R./ Niemcharoen, S.	Electronics	1	Journal	International	Phase transition behavior of Ba(Mg _{1/3} Nb _{2/3})O ₃ modified PbZrO ₃ solid solution	Journal of Materials Chemistry C	Sukha, U., Vittayakorn, N., Guo, R.
60	Journal	International	Fabrication and properties of BaTiO ₃ -CoFe ₂ O ₄ nanocomposites	Integrated Ferroelectrics	2013	Vittayakorn, W.C., Pulphol, N., Muanghlua, R., Vittayakorn, N.	Muanghlua, R.	Electronics	1	Journal	International	The enhanced magnetodielectric interaction of (1 - X)BaTiO ₃ -xCoFe ₂ O ₄ multiferroic composites	Journal of Materials Chemistry C	Shen, Y., Sun, J., Li, L.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
61	Journal	International	Feasibility investigation of the accelerated skill acquisition program (ASAP): Insights into reach-to-grasp coordination of individuals with postacute stroke	Topics in Stroke Rehabilitation	2013	Tretriluxana, J., Runnarong, N., Tretriluxana, S., Prayoonwivat, N., Vachalathiti, R., Winstein, C.	Tretriluxana, S.	Electronics	4	Journal	International	Assessing Upper Extremity Motor Function in Practice of Virtual Activities of Daily Living	IEEE Transactions on Neural Systems and Rehabilitation Engineering	Adams, R.J., Lichter, M.D., Krepkovich, E.T., (...), White, M., Diamond, P.T.
62	Journal	International	Sonochemical synthesis of spherical BaTiO ₃ nanoparticles	Ferroelectrics	2013	Vuttivong, S., Niemcharoen, S., Seeharaj, P., Vittayakorn, W.C., Vittayakorn, N.	Niemcharoen, S.	Electronics	7	Journal	International	Effect of Sr-doping on structure and electrical properties of (Ba _{1-x} Sr _x Ti _{0.6} Zr _{0.3} Mn _{0.1} O ₃) _x = 0.1 and 0.2 synthesized by solid state reaction	Journal of Materials Science: Materials in Electronics	Nandan, K.R., Kumar, A.R.
63	Journal	International	Sub 1-V highly-linear low-power class-AB bulk-driven tunable CMOS transconductor	Analog Integrated Circuits and Signal Processing	2013	Yodtean, A., Thanachayanont, A.	Thanachayanont, A.	Electronics	15	Journal	International	A new ultra low-power, universal OTA-C filter in subthreshold region using bulk-drive technique	AEU - International Journal of Electronics and Communications	Namdari, A., Dolatshahi, M.
64	Journal	International	Synthesis of monodispersed perovskite barium zirconate (BaZrO ₃) by the sonochemical method	Ferroelectrics	2013	Charoonsuk, P., Baitahe, R., Vittayakorn, W., Atiwongsangthong, N., Muanghua, R., Seeharaj, P.,	Atiwongsangthong, N.	Electronics	7	Journal	International	Soft-mechanochemical synthesis of monodispersed BaZrO ₃ sub-microspheres: Phase formation and growth mechanism	Materials and Design	Charoonsuk, T., Vittayakorn, N.
65	Journal	International	The influence of BMN addition on the phase formation, microstructure and dielectric property of BaTiO ₃ ceramic	Ferroelectrics	2013	Vittayakorn, W.C., Pulphol, N., Roongtao, R., Muanghua, R., Vittayakorn, N.	Muanghua, R.	Electronics	1	Journal	International	Effects of MgO Content on Dielectric Properties of Ba _{0.94} Bi _{0.06} Composite Ceramics	Journal of Electronic Materials	Zhou, P., Zhang, Q., Zhou, H.
66	Journal	International	X-ray soft annealing process study for p-n junction diode	Indian Journal of Pure and Applied Physics	2013	Rujanapich, P., Poyai, A., Srihanachai, I., Ueamapong, S., Titiroongruang, W.	Titiroongruang, W.	Electronics	1	Journal	International	Review on Se- and S-doped hydrogenated amorphous silicon thin films	Indian Journal of Pure and Applied Physics	Sharma, S.K., Im, H., Kim, D.Y.
67	Conference	International	Production process improvement using the six sigma DMAIC methodology: A case study of a laser computer mouse production process	19th International Conference on Industrial Engineering and Engineering Management	2013	Pimsakul, S., Somsuk, N., Junboon, W., Laosirihongthong, T.	Pimsakul, S.	Industrial	1	Conference	International	A participative end-user modeling approach for business process requirements	Lecture Notes in Business Information Processing	Front, A., Rieu, D., Santorum, M.
68	Journal	International	Simultaneous optimization of dimensional accuracy and surface roughness for finishing cut of wire-EDMed K460 tool steel	Precision Engineering	2013	Kanlayasiri, K., Jattakul, P.	Kanlayasiri, K.	Industrial	11	Journal	International	Prediction of the geometrical accuracy of the machined surface of the tool steel EN X30WCrV9-3 after electrical discharge machining with CuZn37 wire electrode	Metals	Straka, L., Čorný, I., Pítel, J.
69	Conference	International	Design of fractional conversion ratio SC DC-DC converters	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Pongswatd, S., Smerpituk, K., Julsereewong, P., Eguchi, K., Sasaki, H.	Pongswatd, S./ Smerpituk, K./ Julsereewong, P.	Instrument	2	Conference	International	Analysis and control design of transformerless high gain, high efficient buck-boost DC-DC converters	IEEE International Conference on Sustainable Energy Technologies	Vu, T.A., Nam, D.P., Huong, P.T.V.
70	Conference	International	Electronically tunable current-mode universal filter using VDTAs and grounded capacitors	Lecture Notes in Engineering and Computer Science	2013	Satansup, J., Pukkalanun, T., Tangsrirat, W.	Pukkalanun, T./ Tangsrirat, W.	Instrument	8	Journal	International	Electronically tunable SIMO mixed-mode universal filter using VDTAs	Przeglad Elektrotechniczny	Chamnanphai, V., Sa-Ngamvibool, W.
71	Conference	International	Interface circuit using operational conveyors for differential resistive sensors	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Julsereewong, A., Julsereewong, P., Rungkhum, T., Sasaki, H.	Julsereewong, A./ Julsereewong, P.	Instrument	1	Conference	International	Signal conditioning of a resistive potentiometric displacement sensor with a floating slide	IEEE Instrumentation and Measurement Technology Conference	Rana, S., George, B., Kumar V, J.
72	Conference	International	Signal flow graph realization of nth-order current-mode allpass filters using CFTAs	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Intawichai, K., Tangsrirat, W.	Tangsrirat, W.	Instrument	3	Journal	International	Mixed-mode third-order quadrature oscillator based on single MCCFTA	Radioengineering	Khaw-Ngam, K., Kumngern, M., Khateb, F.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
73	Conference	International	Software developments for modbus SCADA to extend distance to 2x for controlled devices	International Conference on Control, Automation and Systems	2013	Tipsuwanporn, V., Numsomran, A., Samaimak, S., Harnnarong, S.	Tipsuwanporn, V./ Numsomran, A.	Instrument	2	Conference	International	Improvement of RS-485 performance over long distances using the ToLHnet protocol	International Workshop on Intelligent Solutions in Embedded Systems	Biagetti, G. , Crippa, P. , Falaschetti, L.
74	Journal	International	A dickson-type adder/subtractor dc-dc converter realizing step-up/step-down conversion	International Journal of Innovative Computing, Information and Control	2013	Eguchi, K., Julsereewong, P., Julsereewong, A., Fujimoto, K., Sasaki, H.	Julsereewong, P./ Julsereewong, A.	Instrument	13	Journal	International	A step-down switched-capacitor AC-DC converter with double conversion topology	International Journal of Innovative Computing, Information and Control	Abe, K, Smerpitak, K, Pongswatd, S., Oota, I., Eguchi, K.
75	Journal	International	A simplified modulation strategy for three-leg voltage source inverter fed unsymmetrical two-winding induction motor	Journal of Electrical Engineering and Technology	2013	Sinthusonthat, S., Chuladaycha, N.	Chuladaycha, N.	Instrument	5	Conference	International	Model predictive control of a grid-connected inverter to reduce current ripples and computation loads	IEEE Applied Power Electronics Conference and Exposition - APEC	Moon, H.-C., Lee, J.-S., Lee, J.-H., Lee, K.-B.
76	Journal	International	Characterization and dielectric properties of nanocomposite made of lead zirconate nanofibers and polyvinylidene fluoride improved with carbon nanotubes	Integrated Ferroelectrics	2013	Nawanil, C., Rerkratn, A., Seeharaj, P., Vittayakorn, N.	Rerkratn, A.	Instrument	1	Journal	International	1D/2D Carbon Nanomaterial-Polymer Dielectric Composites with High Permittivity for Power Energy Storage Applications	Small	Dang, Z.-M. , Zheng, M.-S. , Zha, J.-W.
77	Journal	International	Electronically tunable single-input five-output voltage-mode universal filter using VDTAs and grounded passive elements	Circuits, Systems, and Signal Processing	2013	Satansup, J., Pukkalanun, T., Tangsrirat, W.	Pukkalanun, T./ Tangsrirat, W.	Instrument	12	Journal	International	Programmable Universal Filters Using Current Conveyor Transconductance Amplifiers	Journal of Circuits, Systems and Computers	Nonthaputha, T., Kumngern, M.
78	Journal	International	Fluorochemical concentration and distribution analysis using portable XRF instrument in carpet industry	X-Ray Spectrometry	2013	Gullayanon, R., Michaels, T.E., Rudat, M.A.	Gullayanon, R.	Instrument	2	Journal	International	A new distance correction method for sulfur analysis in coal using online XRF measurement system	Science China Technological Sciences	Jia, W. , Zhang, Y. , Gu, C.
79	Journal	International	Gm -realization of controlled-gain current follower transconductance amplifier	The Scientific World Journal	2013	Tangsrirat, W.	Tangsrirat, W.	Instrument	1	Journal	International	2.4 GHz CMOS power amplifier with mode-locking structure to enhance gain	Scientific World Journal	Lee, C. , Park, C.
80	Journal	International	On the realization of first-order current-mode AP/HP Filter	Radioengineering	2013	Tangsrirat, W.	Tangsrirat, W.	Instrument	4	Journal	International	A new ICCII based resistor-less current-mode first-order universal filter with electronic tuning capability	Microelectronics Journal	Safari, L., Yuce, E., Minaei, S.
81	Journal	International	Resistorless realization of electronically tunable voltage-mode SIFO-type universal filter	Microelectronics Journal	2013	Tangsrirat, W., Channumsin, O., Pukkalanun, T.	Tangsrirat, W./ Pukkalanun, T.	Instrument	12	Journal	International	Independently tunable plus-type DDCC-based voltage-mode universal biquad filter with MISO and SIMO types	Microelectronics Journal	Lee, C.-N.
82	Journal	International	Single-input four-output voltage-mode universal filter using single DDCCTA	Microelectronics Journal	2013	Channumsin, O., Tangsrirat, W.	Tangsrirat, W.	Instrument	11	Journal	International	Independently tunable plus-type DDCC-based voltage-mode universal biquad filter with MISO and SIMO types	Microelectronics Journal	Lee, C.-N.
83	Journal	International	Universal voltage-mode SIFO-type biquad with fully MOS-C realization using DDCCTAs	Indian Journal of Pure and Applied Physics	2013	Tangsrirat, W., Channumsin, O., Pukkalanun, T.	Tangsrirat, W./ Pukkalanun, T.	Instrument	11	Journal	International	Independently tunable plus-type DDCC-based voltage-mode universal biquad filter with MISO and SIMO types	Microelectronics Journal	Lee, C.-N.
84	Conference	International	Automatic exudate extraction for early detection of Diabetic Retinopathy	Proceedings - 2013 International Conference on Information Technology and Electrical Engineering: "Intelligent and Green	2013	Sreng, S., Takada, J.-I., Maneerat, N., Isarakorn, D., Pasaya, B., Panjaphongse, R., Varakulsiripunth, R.	Maneerat, N./ Isarakorn, D./ Pasaya, B./ Varakulsiripunth, R.	Instrument/Instrument/Computer/Electronics	6	Conference	International	Automatic computer aided diagnosis for early diabetic retinopathy detection and monitoring: A comprehensive review	Online International Conference on Green Engineering and Technologies	Agarwal, S., Acharjya, K., Sharma, S.K., Pandita, S.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
85	Conference	International	Automatic microaneurysms detection through retinal color image analysis	Proceedings - 2013 International Conference on Information Technology and Electrical Engineering: "Intelligent and Green	2013	Yunuch, P., Maneerat, N., Isarakorn, D., Pasaya, B., Panjaphongse, R., Varakulsiripunth, R.	Maneerat, N./ Isarakorn, D./ Pasaya, B./ Varakulsiripunth, R.	Instrument/Instrument/Computer/Electronics	5	Conference	International	Automatic microaneurysm detection using Multi-level Threshold based on ISODATA	International Joint Conference on Computer Science and Software Engineering	Intaramanee, T., Khoeun, R., Chinnasarn, K.
86	Conference	International	Feature extraction from retinal fundus image for early detection of diabetic retinopathy	2013 IEEE Region 10 Humanitarian Technology Conference, R10-HTC 2013	2013	Sreng, S., Takada, J.-I., Maneerat, N., Isarakorn, D., Varakulsiripunth, R., Pasaya, B., Panjaphongse, R.	Maneerat, N./ Isarakorn, D./ Varakulsiripunth, R./ Pasaya, B.	Instrument/Electronics/Computer	6	Conference	International	Comparative study of imaging transforms on diabetic retinopathy images	IEEE International Conference on Recent Trends in Electronics, Information and Communication Technology	Rakshitha, T.R., Deepashree, D., Prasanna, K.S.C.
87	Conference	International	Adaptive PID for controlling a quadrotor in a virtual outdoor scenario: Simulation study	2013 IEEE International Conference on Mechatronics and Automation, IEEE ICMA 2013	2013	Moonumca, P., Yamamoto, Y., Depaiwa, N.	Depaiwa, N.	Mechanical	5	Conference	International	Autonomous guidance navigation and control for agile quadrotors using polynomial trajectory planning and li adaptive control	Mediterranean Conference on Control and Automation	Landolfi, M., Bandyopadhyay, S., De La Croix, J.-P., Rahmani, A.
88	Journal	International	Analysis of a flexible web on a grooved concave surface under softEHL	Tribology International	2013	Mongkolwongroj, M., Jeenkour, P.	Mongkolwongroj, M.	Mechanical	2	Journal	International	Traction characteristics of guide roller with the air entrainment	Lecture Notes in Electrical Engineering	Shao, M. , Wu, J. , Ma, L.
89	Journal	International	Application of near infrared spectroscopy to detect aflatoxigenic fungal contamination in rice	Food Control	2013	Dachoupan Sirisomboon, C., Putthang, R., Sirisomboon, P.	Sirisomboon, P.	Mechanical	19	Journal	International	Classification of Fusarium-infected korean hulled barley using near-infrared reflectance spectroscopy and partial least squares discriminant analysis	Sensors (Switzerland)	Lim, J., Kim, G., Mo, C., (...), Ham, H., Kim, M.S.
90	Journal	International	Application of the differential transformation method to vibration analysis of stepped beams with elastically constrained ends	JVC/Journal of Vibration and Control	2013	Suddoung, K., Charoensuk, J., Wattanasakulpong, N.	Charoensuk, J.	Mechanical	3	Journal	International	Local coordinate systems-based method to analyze high-order modes of n -step Timoshenko beam	VC/Journal of Vibration and Control	Cao, M.S. , Xu, W. , Su, Z.
91	Journal	International	Effect of twin delta-winged twisted-tape on thermal performance of heat exchanger tube	Heat Transfer Engineering	2013	Eiamsa-Ard, S., Nuntadusit, C., Promvongse, P.	Promvongse, P.	Mechanical	10	Journal	International	Heat transfer enhancement of heat exchanger tube with multiple square perforated twisted tape inserts: Experimental investigation and correlation development	Chemical Engineering and Processing: Process Intensification	Suri, A.R.S., Kumar, A., Maithani, R.
92	Journal	International	Feasibility study on the evaluation of the dry rubber content of field and concentrated latex of Para rubber by diffuse reflectance near infrared spectroscopy	Journal of Near Infrared Spectroscopy	2013	Sirisomboon, P., Kaewkuptong, A., Williams, P.	Sirisomboon, P.	Mechanical	4	Journal	International	Three-fibre-based diffuse reflectance spectroscopy for estimation of total solid content in natural rubber latex	Journal of Near Infrared Spectroscopy	Inagaki, T., Nozawa, D., Shimomura, Y., Tsuchikawa, S.
93	Journal	International	Heat transfer augmentation through the use of wire-rod bundles under constant wall heat flux condition	International Communications in Heat and Mass Transfer	2013	Nanan, K., Pimsarn, M., Jedsadaratanachai, W., Eiamsa-ard, S.	Pimsarn, M./ Jedsadaratanachai, W.	Mechanical	4	Journal	International	Influence of CuO/water nanofluid concentration and swirling flow on jet impingement cooling	International Communications in Heat and Mass Transfer	Wongcharee, K., Chuwattanakul, V., Eiamsa-ard, S.
94	Journal	International	Heat transfer enhancement by helically twisted tapes inducing co- and counter-swirl flows	International Communications in Heat and Mass Transfer	2013	Nanan, K., Yongsiri, K., Wongcharee, K., Thianpong, C., Eiamsa-ard, S.	Thianpong, C.	Mechanical	9	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
95	Journal	International	Heat transfer enhancement in tube by inserting uniform/non-uniform twisted-tapes with alternate axes: Effect of rotated-axis length	Applied Thermal Engineering	2013	Eiamsa-Ard, S., Somkleang, P., Nuntadusit, C., Thianpong, C.	Thianpong, C.	Mechanical	30	Journal	International	Influence of CuO/water nanofluid concentration and swirling flow on jet impingement cooling	International Communications in Heat and Mass Transfer	Wongcharee, K., Chuwattanakul, V., Eiamsa-ard, S.
96	Journal	International	Influence of triangular wavy baffles on heat and fluid flow characteristics in a channel	Journal of Mechanical Science and Technology	2013	Eiamsa-ard, S., Pattanapipat, S., Promvongse, P.	Promvongse, P.	Mechanical	2	Journal	International	Turbulent heat transfer and pressure loss in a square channel with discrete broken V-rib turbulators	Journal of Hydrodynamics	Pitak, P., Petpices, E.-A., Withada, J., Smith, E.-A.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
97	Journal	International	Managing the almond and stone fruit replant disease complex with less soil fumigant	California Agriculture	2013	Browne, G.T., Lampinen, B.D., Holtz, B.A., Doll, D.A., Upadhyaya, S.K., Schmidt, L.S., Bhat, R.G., Udompetaikul, V.,	Udompetaikul, V.	Mechanical	3	Journal	International	Managing for soil health can suppress pests	California Agriculture	Hodson, A., Lewis, E.
98	Journal	International	Shortwave near infrared spectroscopy for determination of dry rubber content and total solids content of Para rubber (Hevea brasiliensis) latex	Journal of Near Infrared Spectroscopy	2013	Sirisomboon, P., Deeprommit, M., Suchaiboonsiri, W., Lertsri, W.	Sirisomboon, P.	Mechanical	4	Journal	International	Three-fibre-based diffuse reflectance spectroscopy for estimation of total solid content in natural rubber latex	Journal of Near Infrared Spectroscopy	Inagaki, T., Nozawa, D., Shimomura, Y., Tsuchikawa, S.
99	Journal	International	Thermal performance evaluation of heat exchanger tubes equipped with coupling twisted tapes	Experimental Heat Transfer	2013	Eiamsa-Ard, S., Nanan, K., Thianpong, C., Eiamsa-Ard, P.	Thianpong, C.	Mechanical	11	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
100	Journal	International	Thermohydraulic characteristics of co/counter swirl flow through a round tube fitted with helical screw tape and twisted tape	Indian Journal of Chemical Technology	2013	Eiamsa-Ard, S., Yongsiri, K., Nanan, K., Thianpong, C.	Thianpong, C.	Mechanical	2	Journal	International	Numerical study on temperature distribution in an annular diffuser using twisted rectangular hub/pimpled hub as swirl generators	Jurnal Teknologi	Shukri, E.S., Wisnoe, W.
101	Conference	International	A discrete wavelet transform and fuzzy logic algorithm for identifying the location of fault in underground distribution system	iFUZZY 2013 - 2013 International Conference on Fuzzy Theory and Its Applications	2013	Bunjongjit, S., Ngaopitakkul, A., Pothisam, C.	Bunjongjit, S./ Ngaopitakkul, A./ Pothisam, C.	Power	1	Journal	International	A comprehensive review of fault location methods for distribution power system	Indonesian Journal of Electrical Engineering and Computer Science	Gana, N. , Ab Aziz, N.F. , Ali, Z.
102	Conference	International	A quick charger station for EVs using a pulse frequency technique	2013 IEEE Energy Conversion Congress and Exposition, ECCE 2013	2013	Praisuwanna, C., Khomfoi, S.	Khomfoi, S.	Power	3	Conference	International	DQ-quadrature power supply coil sets with large tolerances for wireless stationary EV chargers	IEEE PELS Workshop on Emerging Technologies: Wireless Power, Proceedings	Jeong, S.Y., Choi, S.Y., Sonapreetha, M.R., Rim, C.T.
103	Conference	International	A seal lead-acid battery charger for prolonging battery lifetime using superimposed pulse frequency technique	2013 IEEE Energy Conversion Congress and Exposition, ECCE 2013	2013	Praisuwanna, N., Khomfoi, S.	Khomfoi, S.	Power	2	Journal	International	Lead acid battery analysis using S-transform	International Journal on Advanced Science, Engineering and Information Technology	Basir, M.S.S.M., Abdullah, A.R., Selamat, N.A., Musa, H., Ranom, R.
104	Conference	International	Active power control of single-phase grid-connected system supplying nonlinear load	2013 International Conference on Electrical Machines and Systems, ICEMS 2013	2013	Liengpradis, P., Kinnares, V.	Kinnares, V.	Power	1	Conference	International	Performance evaluation as grid connected induction generator system of DC-Link using battery and photovoltaic panel	International Conference on Electrical Machines and Systems, ICEMS	Yukhalang, S.
105	Conference	International	Application of a partial element equivalent circuit method to lightning surge analyses	Electric Power Systems Research	2013	Yutthagowith, P., Ametani, A., Rachidi, F., Nagaoka, N., Baba, Y.	Yutthagowith, P.	Power	5	Journal	International	Lightning Surge Propagation on a Single Conductor in Free Space	IEEE Transactions on Electromagnetic Compatibility	Du, Y., Ding, Y.
106	Conference	International	Electrical modeling and simulation of industrial power system with Matlab/Simulink program	Proceedings of the 6th IASTED Asian Conference on Power and Energy Systems, AsiaPES 2013	2013	Aree, P., Nakawiro, W.	Nakawiro, W.	Power	1	Journal	International	Aggregating method of induction motor group using energy conservation law	Transactions on Electrical Engineering, Electronics, and Communications	Aree, P.
107	Conference	International	Enhancement of LVRT performance and alleviation of power fluctuation of DFIG wind turbine in DC microgrid by SMES	2013 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2013	2013	Karaipoom, T., Ngamroo, I.	Ngamroo, I.	Power	1	Conference	International	Fault ride through under unbalanced voltage sag of Wind Energy Conversion System using Superconducting Magnetic Energy Storage	International Future Energy Electronics Conference	Liu, J. , Zhang, H. , Yang, B.
108	Conference	International	Optimal fuzzy logic-based adaptive controller equipped with DFIG wind turbine for frequency control in stand alone power system	2013 IEEE Innovative Smart Grid Technologies - Asia, ISGT Asia 2013	2013	Sa-Ngawong, N., Ngamroo, I.	Ngamroo, I.	Power	3	Conference	International	Assessment of energy storage effect into automatic reclosing in Smart Grid	International Youth Conference on Energy	Gorte, O. , Kiryanova, N. , Khmelik, M.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
109	Conference	International	Robust power oscillation damper design for DFIG-based wind turbine	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Surinkaew, T., Ngamroo, I., Nakawiro, W.	Ngamroo, I./ Nakawiro, W.	Power	1	Journal	International	Adaptive Fractional Order Terminal Sliding Mode Control of a Doubly Fed Induction Generator-Based Wind Energy System	IEEE Access	Ullah, N. , Asghar Ali, M. , Ibeas, A.
110	Conference	International	Rogowski coil with an active integrator for measurement of switching impulse current	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Limcharoen, W., Yutthagowith, P.	Limcharoen, W./ Yutthagowith, P.	Power	1	Journal	International	A precision analogue integrator system for heavy current measurement in MFDC resistance spot welding	Measurement Science and Technology	Xia, Y.-J. , Zhang, Z.-D. ; Xia, Z.-X.
111	Conference	International	Soft starting control of single-phase induction motor using PWM AC Chopper control technique	2013 International Conference on Electrical Machines and Systems, ICEMS 2013	2013	Thanyaphirak, V., Kinnares, V., Kunakorn, A.	Kinnares, V./ Kunakorn, A.	Power	1	Conference	International	Multilevel direct PWM AC-AC converters	International Symposium on Advanced Topics in Electrical Engineering	Glod, B. , Parvulescu, L. , Florica, D.
112	Conference	International	Soft starting method for single-phase PWM AC chopper fed three-phase induction motor	2013 International Conference on Electrical Machines and Systems, ICEMS 2013	2013	Bumroongphuck, C., Thanyaphirak, V., Kinnares, V.	Kinnares, V.	Power	1	Conference	International	Performance evaluation as grid connected induction generator system of DC-Link using battery and photovoltaic panel	International Conference on Electrical Machines and Systems	Yukhalang, S.
113	Conference	International	The estimation of electrical energy consumption in abnormal automatic meter reading system using multiple linear regression	2013 International Conference on Electrical Machines and Systems, ICEMS 2013	2013	Kantikoon, V., Kinnares, V.	Kinnares, V.	Power	3	Conference	International	Regression based approach for measurement of current in single-phase smart energy meter	IEEE International Symposium on Technologies for Smart Cities	Singh, S., Arun, S.L., Selvan, M.P.
114	Journal	International	A carrier-based unbalanced PWM method for four-leg voltage source inverter fed unsymmetrical two-phase induction motor	IEEE Transactions on Industrial Electronics	2013	Kumsuwan, Y., Premrudeepreechacharn, S., Kinnares, V.	Kinnares, V.	Power	25	Journal	International	A fault tolerant structure and control strategy for electromagnetic stirring supplies	Journal of Power Electronics	Li, Y., Luo, A., Xiang, X., (...), Zhou, F., Chen, Z.
115	Journal	International	A novel discrete wavelet transform based on traveling wave technique for identifying the fault location for transmission network systems	IEEE Transactions on Electrical and Electronic Engineering	2013	Patcharoen, T., Ngaopitakkul, A.	Ngaopitakkul, A.	Power	1	Journal	International	Signal analysis-based fault classification and estimation of fault location of an unbalanced network using S-transform and neural network	IEEE Transactions on Electrical and Electronic Engineering	Roy, N. , Bhattacharya, K.
116	Journal	International	A novel probabilistic neural network-based algorithm for classifying internal fault in transformer windings	IEEE Transactions on Electrical and Electronic Engineering	2013	Jettanasen, C., Ngaopitakkul, A.	Jettanasen, C./ Ngaopitakkul, A.	Power	3	Journal	International	Fault diagnosis method for water quality monitoring and control equipment in aquaculture based on multiple SVM combined with D-S evidence theory	Computers and Electronics in Agriculture	Yang, H., Hassan, S.G., Wang, L., Li, D.
117	Journal	International	A self-tuning PID-based SMES controller by optimal fuzzy gain scheduling for stabilization of inter-area power system oscillation	ICIC Express Letters	2013	Chaiyatham, T., Ngamroo, I.	Ngamroo, I.	Power	1	Conference	International	Bibliography of FACTS 2012-2013: IEEE working group report	IEEE Power and Energy Society General Meeting	Rahman, S.A. , Mahendra, A.C. , Varma, R.K.
118	Journal	International	An application of a discrete wavelet transform and a back-propagation neural network algorithm for fault diagnosis on single-circuit transmission line	International Journal of Systems Science	2013	Ngaopitakkul, A., Bunjongjit, S.	Ngaopitakkul, A./ Bunjongjit, S.	Power	8	Conference	International	DWT and BPNN based fault detection, classification and estimation of location of HVAC transmission line	International Conference on Intelligent Control, Power and Instrumentation, ICICPI	Saha, B., Patel, B., Bera, P.
119	Journal	International	Analysis of PWM strategy for reduction of conducted electromagnetic interference in an adjustable-speed AC motor drive	International Journal on Modelling and Simulations	2013	Jettanasen, C.	Jettanasen, C.	Power	1	Journal	International	Conducted EMI propagation paths in DC-AC hard switching converter	International Review of Electrical Engineering	Musznicki, P.
120	Journal	International	Characteristic requirements of a small scale squirrel cage induction generator for effective electricity generation from wind energy	Energy Procedia	2013	Kinnares, V., Sawetsakulanond, B.	Kinnares, V.	Power	2	Journal	International	Comprehensive overview of grid interfaced wind energy generation systems	Renewable and Sustainable Energy Reviews	Mahela, O.P. , Shaik, A.G.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
121	Journal	International	Identifying types of simultaneous fault in transmission line using discrete wavelet transform and fuzzy logic algorithm	International Journal of Innovative Computing, Information and Control	2013	Ngaopitakkul, A., Apisit, C., Bunjongjit, S., Pothisarn, C.	Ngaopitakkul, A./ Bunjongjit, S./ Pothisarn, C.	Power	4	Journal	International	A real-time approach for damage identification using hyperchaotic probe and stochastic estimation	Meccanica	Torkamani, S., Butcher, E.A., Todd, M.D.
122	Journal	International	Optimal fuzzy gain scheduling of PID controller of superconducting magnetic energy storage for power system stabilization	International Journal of Innovative Computing, Information and Control	2013	Chaiyatham, T., Ngamroo, I.	Ngamroo, I.	Power	9	Journal	International	Study of energy control strategies for a standalone PV/FC/UC microgrid in a remote area	International Journal of Renewable Energy Research	Allahvirdizadeh, Y., Mohamadian, M., Haghifam, M.-R.
123	Journal	International	Optimized SFCL and SMES units for multimachine transient stabilization based on kinetic energy control	IEEE Transactions on Applied Superconductivity	2013	Ngamroo, I., Vachirasricrikul, S.	Ngamroo, I.	Power	11	Journal	International	Coordinated control of superconducting fault current limiter and superconducting magnetic energy storage for transient performance enhancement of grid-connected photovoltaic generation system	Energies	Chen, L., Chen, H., Yang, J., (...), Liu, Y., Ren, L.
124	Journal	International	Overlapping decompositions-based robust decentralized tabu search-optimized fixed structure H _∞ frequency stabilizer design in interconnected power systems	International Journal of Innovative Computing, Information and Control	2013	Ngamroo, I.	Ngamroo, I.	Power	3	Journal	International	Output feedback overlapping control design of interconnected systems with input saturation	Numerical Algebra, Control and Optimization	Mahmoud, M.S.
125	Journal	International	Specified structure mixed H ₂ =H _∞ control-based robust frequency stabilization in a smart grid by plug-in hybrid electric vehicles	International Journal of Innovative Computing, Information and Control	2013	Ngamroo, I.	Ngamroo, I.	Power	2	Journal	International	Research on adaptive control strategy optimization of hybrid electric vehicle	Journal of Intelligent and Fuzzy Systems	Lian, J., Li, L., Liu, X., (...), Zhou, Y., Han, H.
126	Journal	International	WLAV state estimation for power system containing multitype FACTS devices	IEEE Transactions on Electrical and Electronic Engineering	2013	Rakpenthai, C., Uatrongjit, S., Ngamroo, I.	Ngamroo, I.	Power	3	Journal	International	Power system state and transmission line conductor temperature estimation	IEEE Transactions on Power Systems	Rakpenthai, C., Uatrongjit, S.
127	Conference	International	A CMOS current-mode multiplier/divider using a current amplifier	Proceedings of the 2013 IEEE 7th International Power Engineering and Optimization Conference, PEOCO 2013	2013	Kumngern, M., Torteanchai, U.	Kumngern, M.	Telecom	1	Journal	International	CMOS analogue current-mode multiplier/divider circuit operating in triode-saturation with bulk-driven techniques	Integration, the VLSI Journal	De La Cruz-Blas, C.A. , Thomas-Erviti, G. , Algueta-Miguel, J.M.
128	Conference	International	A CMOS four-quadrant current multiplier using electronically tunable CCII	International Conference on Advanced Technologies for Communications	2013	Kumngern, M., Junnapiya, S.	Kumngern, M./ Junnapiya, S.	Telecom	4	Conference	International	High performance low voltage low power voltage mode analog multiplier circuit	International Conference on Sciences of Electronics, Technologies of Information and Telecommunications	Ettaghzouti, T., Hassen, N., Besbes, K.
129	Conference	International	A compact loop antenna with parasitic split ring for UHF RFID application	Progress in Electromagnetics Research Symposium	2013	Lertsakwimarn, K., Suwalak, R., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	1	Conference	International	Microstrip antenna based on rectangular patch with arms and partial ground plane for UHF RFID readers	IEEE Control and System Graduate Research Colloquium	Ariff, M.H., Ismarani, I., Shamsuddin, N.
130	Conference	International	A new system for traffic incident detection using fuzzy logic and majority voting	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	La-Inchua, J., Chivapreecha, S., Thajchayapong, S.	Chivapreecha, S.	Telecom	4	Journal	International	Abnormal behavior detection in automated surveillance videos: A review	Journal of Theoretical and Applied Information Technology	Al-Dhamari, A., Sudirman, R., Mahmood, N.H.
131	Conference	International	Allpass section-based mixed-mode quadrature sinusoidal oscillator	Proceedings - 2013 IEEE International Conference on Control System, Computing and Engineering, ICCSCE 2013	2013	Kumngern, M., Lamun, P.	Kumngern, M.	Telecom	2	Journal	International	Recent Developments in Current-Mode Sinusoidal Oscillators: Circuits and Active Elements	Arabian Journal for Science and Engineering	Abuelma'atti, M.T.
132	Conference	International	An electronically tunable current-mode first-order allpass filter using a CCCCTA	International Conference on Advanced Technologies for Communications	2013	Kumngern, M., Chanwutitum, J.	Kumngern, M.	Telecom	1	Conference	International	Design of BJT based electronically tunable differential difference current conveyor and its application	International Conference Radioelektronika	Unuk, T. , Arslanalp, R.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
133	Conference	International	Analysis of a cost-effective remote sensing system for fruit monitoring	IEEE Antennas and Propagation Society, AP-S International Symposium (Digest)	2013	Yoiyod, P., Krairiksh, M.	Krairiksh, M.	Telecom	1	Journal	International	Fruit and vegetable quality assessment via dielectric sensing	Sensors (Switzerland)	Khaled, D.E. , Novas, N. , Gazquez, J.A.
134	Conference	International	DDCCTA-based quadrature oscillator	International Conference on ICT and Knowledge Engineering	2013	Kumngern, M., Auttaput, A., Dejhan, K.	Kumngern, M.	Telecom	3	Conference	International	Current mode schmitt trigger based on ZC current differencing transconductance amplifier	Proceedings of the International Conference on Inventive Computation Technologies	Madira, S., Reddy, V.V., Srinivasulu, A.
135	Conference	International	Dual-polarized flat rectenna for 2.45 GHz	Proceedings of the 2013 IEEE-APS Topical Conference on Antennas and Propagation in Wireless Communications, IEEE APWC 2013	2013	Phongcharoenpanich, C., Boonying, K., Kosulvit, S.	Phongcharoenpanich, C.	Telecom	1	Journal	International	A broadband rectifying circuit with high efficiency for microwave power transmission	Progress in Electromagnetics Research Letters	Nie, M.-J. , Yang, X.-X. , Lu, J.-J.
136	Conference	International	Medical image compression and quality assessment	Proceedings of the SICE Annual Conference	2013	Suapang, P., Thongyoun, M., Chivapreecha, S.	Chivapreecha, S.	Telecom	1	Journal	International	Implementation method on medical image compression system: A review	Jurnal Teknologi	Muharam, A. , Ahmad, A.
137	Conference	International	Morphology-based algorithm and application for mammographic masses segmentation	Proceedings of the SICE Annual Conference	2013	Suapang, P., Naruephai, C., Chivapreecha, S.	Chivapreecha, S.	Telecom	1	Conference	International	Mammographic density classification	International Conference on Soft Computing and Intelligent Systems, SCIS 2014 and 15th International Symposium on Advanced Intelligent	Suapang, P. , Puttanakit, V. , Yimman, S.
138	Conference	International	Proposal of PAPR reduction method for OFDM signal by re-ordering of clusters	2013 19th Asia-Pacific Conference on Communications, APCC 2013	2013	Mata, T., Naito, K., Mori, K., Kobayashi, H., Boonsrimuang, P.	Boonsrimuang, P.	Telecom	1	Conference	International	Adjacent partitioning PTS with TURBO coding for PAPR reduction in OFDM	International Conference on Advanced Computing and Communication Systems	Jose, S. , Kiran, V.
139	Conference	International	Proposal of STBC MIMO-OFDM for ITS systems	2013 10th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2013	Mata, T., Naito, K., Boonsrimuang, P., Mori, K., Kobayashi, H.	Boonsrimuang, P.	Telecom	2	Journal	International	Improving STFBC MIMO OFDMA with channel estimation using DFT and DCT technique	Jurnal Teknologi	Idris, A. , Sulong, S.M. , Bakar, L.A.
140	Conference	International	Single-input four-output voltage-mode universal biquadratic filter employing four OTAs and two grounded capacitors	Proceedings - International Conference on Intelligent Systems, Modelling and Simulation, ISMS	2013	Torteanchai, U., Kumngern, M.	Kumngern, M.	Telecom	3	Conference	International	Optimizing operational amplifiers by metaheuristics and considering tolerance analysis	Latin-American Test Symposium	De La Fraga, L.G. , Tlelo-Cuautle, E.
141	Conference	International	The hybrid of PTS-CAPPR methods with MA for PAPR reduction in OFDM systems	13th International Symposium on Communications and Information Technologies: Communication and Information Technology for New Life	2013	Pradabpet, C., Chivapreecha, S., Yimman, S.	Chivapreecha, S.	Telecom	1	Conference	International	Joint clipping and amplifying techniques for PAPR reduction in OFDM systems	International Conference on Telematics and Future Generation Networks	Jaber, A.Y. , Latiff, L.A. , Ahmad, N.
142	Conference	International	Tunable current-mode quadrature sinusoidal oscillator using CCCFTAs and grounded capacitors	Proceedings - International Conference on Intelligent Systems, Modelling and Simulation, ISMS	2013	Lamun, P., Kumngern, M., Torteanchai, U., Sarsithithum, K.	Kumngern, M.	Telecom	3	Journal	International	Recent Developments in Current-Mode Sinusoidal Oscillators: Circuits and Active Elements	Arabian Journal for Science and Engineering	Abuelma'atti, M.T.
143	Conference	International	Tunable sinusoidal oscillator using CCII with variable current gain	International Conference on ICT and Knowledge Engineering	2013	Kumngern, M., Phatsomsiri, P., Dejhan, K.	Kumngern, M./ Dejhan, K.	Telecom	1	Journal	International	Recent Developments in Current-Mode Sinusoidal Oscillators: Circuits and Active Elements	Arabian Journal for Science and Engineering	Abuelma'atti, M.T.
144	Conference	International	Voltage-mode allpass section employing only one DDCCTA and one capacitor	International Conference on ICT and Knowledge Engineering	2013	Kumngern, M., Mongkol, V., Junnapiya, S.	Kumngern, M./ Junnapiya, S.	Telecom	2	Conference	International	An integrator circuit using differential difference current conveyor transconductance amplifier	International Conference on Signal Processing, Communication and Networking, ICSCN 2017	Linita, R. , Reddy, V.V. , Srinivasulu, A.

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง									ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง					
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
145	Conference	International	Voltage-mode universal biquadratic filter using a single DDCCTA	2013 International Computer Science and Engineering Conference, ICSEC 2013	2013	Lamun, P., Phatsomsiri, P., Kumngern, M., Torteanchai, U.	Kumngern, M.	Telecom	1	Journal	International	Voltage-mode biquadratic filters using single DDCCTA	AEU - International Journal of Electronics and Communications	Chen, H.-P., Hwang, Y.-S., Ku, Y.-T.
146	Conference	International	Weighted least-squares design of variable recursive digital filters with guaranteed stability	13th International Symposium on Communications and Information Technologies: Communication and Information Technology for New Life	2013	Deng, T.-B., Chivapreecha, S., Dejhan, K.	Chivapreecha, S./ Dejhan, K.	Telecom	3	Journal	International	Stability-guaranteed two-phase design of odd-order variable-magnitude digital filters	Journal of Circuits, Systems and Computers	Deng, T.-B.
147	Journal	International	A four-beam pattern reconfigurable Yagi-Uda antenna	IEEE Transactions on Antennas and Propagation	2013	Kittiyapunya, C., Krairiksh, M.	Krairiksh, M.	Telecom	16	Journal	International	A pattern-reconfigurable slot antenna for IoT network concentrators	Electronics (Switzerland)	Trinh, L.H., Le, T.N., Staraj, R., Ferrero, F., Lizzi, L.
148	Journal	International	A spinstand study in determining the optimum shingling percentage for shingled write recording	IEEE Transactions on Magnetics	2013	Chandrasekaran, S., Supnithi, P.	Supnithi, P.	Telecom	1	Conference	International	Design and Implementation of Hybrid Shingled Recording RAID System	International Conference on Dependable, Autonomic and Secure Computing, DASC	Lu, Z.-W., Zhou, G.
149	Journal	International	Comparative study of sub-volt differential difference current conveyors	Microelectronics Journal	2013	Khateb, F., Jaikla, W., Kumngern, M., Prommee, P.	Kumngern, M./ Prommee, P.	Telecom	10	Journal	International	Design and Analysis of an Ultra-Low-Power Second-Order Asynchronous Delta-Sigma Modulator	Circuits, Systems, and Signal Processing	Akbari, M., Hashemipour, O., Moradi, F.
150	Journal	International	Comparison of ionosphere characteristic parameters obtained by ionosonde with IRI-2007 model over Southeast Asia	Advances in Space Research	2013	Wichaipanich, N., Supnithi, P., Tsugawa, T., Maruyama, T., Nagatsuma, T.	Supnithi, P.	Telecom	10	Journal	International	Application of the IRI model to the HF propagation model with optimization of the ionosphere parameters to day-to-day variation	Advances in Space Research	Zaolov, N.Y., Moskaleva, E.V., Burmakina, T.S.
151	Journal	International	Comparison of observed TEC values with IRI-2007 TEC and IRI-2007 TEC with optional foF2 measurements predictions at an equatorial region, Chumphon, Thailand	Advances in Space Research	2013	Kenpankho, P., Supnithi, P., Nagatsuma, T.	Supnithi, P.	Telecom	9	Journal	International	Comparison of GPS-derived TEC with IRI-2012 and IRI-2007 TEC predictions at Surat, a location around the EIA crest in the Indian sector, during the ascending phase of solar cycle 24	Advances in Space Research	Patel, N.C., Karia, S.P., Pathak, K.N.
152	Journal	International	Efficient parallel architecture for implementation of the CMA adaptive antenna	IETE Technical Journal (Institution of Electronics and Telecommunication Engineers, India)	2013	Boonpoonga, A., Sirisuk, P., Krairiksh, M.	Krairiksh, M.	Telecom	3	Journal	International	Miniaturization of a CPW-fed Dual-Band antenna for GSM 1800/1900 and WLAN 5 GHz applications	Transactions on Electrical and Electronic Materials	Borah, J., Sheikh, T.A., Roy, S.
153	Journal	International	Electronically tunable voltage-mode universal filter with single-input five-output using simple OTAs	International Journal of Electronics	2013	Kumngern, M., Suwanjan, P., Dejhan, K.	Kumngern, M.	Telecom	7	Conference	International	Switchable filter between high pass and low pass responses	International Conference on Emerging Trends in Communication Technologies	Batham, S., Pandey, A.K., Chauhan, R.K.
154	Journal	International	Improvement of a circular microstrip antenna excited by four feeds and suspended with artificial magnetic conductors	International Journal of Antennas and Propagation	2013	Eardprab, S., Phongcharoenpanich, C., Torrungrueng, D.	Phongcharoenpanich, C.	Telecom	1	Journal	International	Design of the artificial magnetic conductors with meander line elements: Reduction in the first and second resonant frequencies	Materials Research Express	Ramos, W.T.S., Mesquita, R.C., Silva, E.J.
155	Journal	International	Linear prediction based adaptive algorithm for a complex sinusoidal frequency estimation	AEU - International Journal of Electronics and Communications	2013	Punchalard, R., Wardkein, P.	Wardkein, P.	Telecom	2	Journal	International	Frequency and offset online estimation of sinusoidal signals based on high-order nonlinear continuous differentiator	Chinese Journal of Electronics	Wang, H., Zhang, W., Zuo, J.
156	Journal	International	Log-domain all-pass filter-based multiphase sinusoidal oscillators	Radioengineering	2013	Prommee, P., Wongprommoon, N.	Prommee, P.	Telecom	8	Journal	International	Recent Developments in Current-Mode Sinusoidal Oscillators: Circuits and Active Elements	Arabian Journal for Science and Engineering	Abuelma'atti, M.T.

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง										ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง				
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
157	Journal	International	Low-latitude equinoctial spread-F occurrence at different longitude sectors under low solar activity	Annales Geophysicae	2013	Pezzopane, M., Zuccheretti, E., Abadi, P., De Abreu, A.J., De Jesus, R., Fagundes, P.R., Supnithi, P.,	Supnithi, P.	Telecom	7	Journal	International	Comparative study on characteristics of spread-F at low- and mid-latitudes during high and low solar activities over East Asia	Acta Geophysica Sinica	Guo, B., Xiao, S.-G., Shi, J.-K., (...), Wang, Z., Suo, Y.-C.
158	Journal	International	Single-input multiple-output tunable log-domain current-mode universal filter	Radioengineering	2013	Prommee, P., Dejhan, K.	Prommee, P./ Dejhan, K.	Telecom	2	Journal	International	Two lossy integrator loop based current-mode electronically tunable universal filter employing only grounded capacitors	Microelectronics Journal	Arslanalp, R., Yuce, E., Tola, A.T.
159	Journal	International	Ultra-low voltage tunable transconductor based on bulk-driven quasi-floating-gate technique	Journal of Circuits, Systems and Computers	2013	Khateb, F., Khatib, N., Prommee, P., Jaikla, W., Fucik, L.	Prommee, P.	Telecom	12	Journal	International	Analysis and design of a highly linear CMOS OTA for portable biomedical applications in 90 nm CMOS	Microelectronics Journal	Elamien, M.B., Mahmoud, S.A.
160	Journal	International	Unidirectional antenna using two-probe excited circular ring above square reflector for polarization diversity with high isolation	Progress in Electromagnetics Research	2013	Vongsack, S., Phongcharoenpanich, C., Kosulvit, S., Hamamoto, K., Wakabayashi, T.	Phongcharoenpanich, C.	Telecom	6	Conference	International	Rectangular bi-loop single-feed antenna with polarization agility property for GPS and iridium applications	Loughborough Antennas and Propagation Conference	Ben Trad, I., Floc'H, J.M., Rmili, H., Drissi, M., Choubani, F.
161	Journal	International	Wireless communications in a tree canopy	Progress In Electromagnetics Research B	2013	Sooksumram, P., Kittiyapunya, C., Yoiod, P., Krairiksh, M.	Krairiksh, M.	Telecom	1	Conference	International	Empirical relationship between local scattering function and joint probability density function	IEEE International Symposium on Personal, Indoor and Mobile Radio Communications	Walter, M. , Zemen, T. , Shutin, D.
162	Journal	International	Voltage-mode multifunction biquadratic filters using new ultra-low-power differential difference current conveyors	Radioengineering	2013	Kumngern, M., Khateb, F., Dejhan, K., Phasukkit, P., Tungjitkusolmun, S.	Kumngern, M./ Dejhan, K./ Phasukkit, P./ Tungjitkusolmun, S.	Telecom/Telecom/Electronics/Electronics	13	Journal	International	Independently tunable plus-type DDCC-based voltage-mode universal biquad filter with MISO and SIMO types	Microelectronics Journal	Lee, C.-N.
163	Conference	International	Catalytic wet-air oxidation of aniline removal from synthetic wastewater	Advanced Materials Research	2014	Sriprom, P., Assawaengrat, P., Neramittagapong, A., Neramittagapong, S.	Assawaengrat, P.	Chemical	1	Journal	International	Optimizing chemical oxygen demand removal from synthesized wastewater containing lignin by catalytic wet-air oxidation over CuO/Al ₂ O ₃ catalysts	Journal of the Air and Waste Management Association	Sriprom, P. , Neramittagapong, S. , Lin, C.
164	Conference	International	Thermodynamic analysis of hydrogen production from the adsorption-enhanced steam reforming of biogas	Energy Procedia	2014	Saebea, D., Authayanun, S., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	1	Journal	International	H ₂ production from sorption enhanced steam reforming of biogas using multifunctional catalysts of Ni over Zr-, Ce- and La-modified CaO sorbents	Chemical Engineering Journal	Phromprasit, J. , Powell, J. , Wongsakulphasatch, S.
165	Journal	International	Catalytic reforming of glycerol in supercritical water with nickel-based catalysts	International Journal of Hydrogen Energy	2014	Pairojpiriyakul, T., Croiset, E., Kiatkittipong, K., Kiatkittipong, W., Arpornwichanop, A., Assabumrungrat, S.	Kiatkittipong, K.	Chemical	8	Journal	International	Non-catalytic conversion of glycerol to syngas at intermediate temperatures: Numerical methods with detailed chemistry	Fuel	Ayoobi, M., Schoegl, I.
166	Journal	International	Effect of different fuel options on performance of high-temperature PEMFC (proton exchange membrane fuel cell) systems	Energy	2014	Authayanun, S., Saebea, D., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	16	Journal	International	Gas purging effect on the degradation characteristic of a proton exchange membrane fuel cell with dead-ended mode operation I. With different electrolytes	Energy	Chen, B., Cai, Y., Tu, Z., (...), Wang, J., Yu, Y.
167	Journal	International	Effect of Flow Pattern on Single and Multi-stage High Temperature Proton Exchange Membrane Fuel Cell Stack Performance	Computer Aided Chemical Engineering	2014	Authayanun, S., Patniboon, A., Saebea, D., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	1	Journal	International	A review on modelling of high temperature proton exchange membrane fuel cells (HT-PEMFCs)	International Journal of Hydrogen Energy	Abdul Rasheed, R.K. , Liao, Q. , Caizhi, Z.
168	Journal	International	Enhancement of hydrogen production for steam reforming of biogas in fluidized bed membrane reactor	Chemical Engineering Transactions	2014	Saebea, D., Authayanun, S., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	3	Journal	International	Optimization of an experimental membrane reactor for low-temperature methane steam reforming	Clean Technologies and Environmental Policy	Kyriakides, A.-S., Voutetakis, S., Papadopoulou, S., Seferlis, P.

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง									ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง					
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
169	Journal	International	Experiments and thermodynamic models for ternary (liquid-liquid) equilibrium systems of water + cyclopentanone + organic solvents at T = 298.2 K	Journal of Molecular Liquids	2014	Wongsawa, T., Hronec, M., Lothongkum, A.W., Pancharoen, U., Phatanasri, S.	Lothongkum, A.W.	Chemical	10	Journal	International	Liquid-Liquid Equilibrium in the Ternary Systems Water + Cyclohexanone + Benzene or Methyl Isobutyl Carbinol at 303.15 and 323.15 K: Experimental Data and Correlation	Journal of Chemical and Engineering Data	Liu, H., Yu, X., Cui, P., (...), Yu, Y., Li, Q.
170	Journal	International	Heat transfer enhancement by multiple twisted tape inserts and TiO ₂ /water nanofluid	Applied Thermal Engineering	2014	Eiamsa-Ard, S., Kiatkittipong, K.	Kiatkittipong, K.	Chemical	22	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
171	Journal	International	High-efficiency HFSLM for silver-ion pertraction from pharmaceutical wastewater and mass-transport models	Chemical Engineering Research and Design	2014	Wongsawa, T., Sundeek, N., Pancharoen, U., Lothongkum, A.W.	Lothongkum, A.W.	Chemical	2	Journal	International	Amoxicillin removal from aqueous solutions using hollow fibre supported liquid membrane: Kinetic study	Chemical Papers	Pirom, T., Wongsawa, T., Wannachod, T., (...), Pancharoen, U., Kheawhom, S.
172	Journal	International	Hydrogen production from glycerol steam reforming in supercritical water with CO ₂ -absorption unit	Chemical Engineering Transactions	2014	Patcharavorachot, Y., Chery-Rod, N., Nudchapon, S., Authayanun, S., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	1	Journal	International	Ethanol steam reforming for renewable hydrogen production over La-Modified TiO ₂ catalyst	Chemical Engineering Transactions	Mulewa, W., Tahir, M., Amin, N.A.S.
173	Journal	International	Investigation of entrance length in circular and noncircular conduits by computational fluid dynamics simulation	Songklanakarin Journal of Science and Technology	2014	Tongpun, P., Bumrunghaichachan, E., Wattananusorn, S.	Wattananusorn, S.	Chemical	5	Journal	International	Analysis of the Velocity Profile of the Popliteal Artery and Its Relevance During Blood Flow Studies	Journal of Diagnostic Medical Sonography	Olowoyeye, O.A., Gar-Wai Chiu, S.E., Leung, G., Wright, G.A., Moody, A.R.
174	Journal	International	Modelling and experimental validation of enantioseparation of racemic phenylalanine via a hollow fibre-supported liquid membrane	Chemical Papers	2014	Prapasawat, T., Lothongkum, A.W., Pancharoen, U.	Lothongkum, A.W.	Chemical	3	Journal	International	Study on the separation of ofloxacin enantiomers by hydroxyl-propyl-β-cyclodextrin as a chiral selector in capillary electrophoresis: A computational approach	Journal of Inclusion Phenomena and Macrocyclic Chemistry	Suliman, F.O., Elbasher, A.A., Schmitz, O.J.
175	Journal	International	PMMA-N,N,N-trimethyl chitosan nanoporous for fabrication of antibacterial natural rubber latex gloves	Carbohydrate Polymers	2014	Arpornwichanop, T., Polpanich, D., Thiramanas, R., Suteewong, T., Tangboriboonrat, P.	Suteewong, T.	Chemical	4	Journal	International	Efficient induction of antimicrobial activity with vancomycin nanoparticle-loaded poly(trimethylene carbonate) localized drug delivery system	International Journal of Nanomedicine	Zhang, Y., Liang, R.-J., Xu, J.-J., (...), Shou, D., Hu, Y.
176	Journal	International	Precipitation above cloud point in palm oil based biodiesel during production and storage	Fuel	2014	Na-Ranong, D., Kitchaiya, P.	Na-Ranong, D./ Kitchaiya, P.	Chemical	7	Journal	International	The response surface optimization of steryl glucosides removal in palm biodiesel using silica adsorption	Fuel	Saeong, P., Saisriyoot, M., Thanapimmetha, A., Srinophakun, P.
177	Journal	International	Simulation of hydrogen production with in situ CO ₂ -removal using aspen plus	Chemical Engineering Transactions	2014	Likkasith, C., Saebea, D., Arpornwichanop, A., Piemnernkoom, N., Patcharavorachot, Y.	Patcharavorachot, Y.	Chemical	1	Journal	International	Combined semi-continuous and discrete simulation model to optimize a decaffeination process based on supercritical CO ₂	Chemical Engineering Transactions	Iannone, R., Miranda, S., Riemma, S.
178	Journal	International	Theoretical analysis of a biogas-fed PEMFC system with different hydrogen purifications: Conventional and membrane-based water gas shift processes	Energy Conversion and Management	2014	Authayanun, S., Aunsup, P., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	10	Journal	International	Exergy analysis of the biogas sorption-enhanced chemical looping reforming process integrated with a high-temperature proton exchange membrane fuel cell	Energy Conversion and Management	Kasemanand, S., Im-orb, K., Tippawan, P., Wiyaratn, W., Arpornwichanop, A.
179	Journal	International	Thermodynamic models for determination of the solubility of 2,5-bis(2-furylmethylidene)cyclopentan-1-one in different solvents at temperatures ranging from 308.15 to 403.15K	Fluid Phase Equilibria	2014	Prapasawat, T., Hronec, M., Štolcová, M., Lothongkum, A.W., Pancharoen, U., Phatanasri, S.	Lothongkum, A.W.	Chemical	17	Journal	International	The solubility of maleic acid in various inorganic salts and organic solvents: Thermodynamics model and parameters	Fluid Phase Equilibria	Wongkaew, K., Mohdee, V., Soták, T., (...), Pancharoen, U., Arpornwichanop, A.
180	Journal	International	Using a membrane reactor for the oxidative coupling of methane: Simulation and optimization	Clean Technologies and Environmental Policy	2014	Patcharavorachot, Y., Tiraset, S., Wiyaratn, W., Assabumrungrat, S., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	4	Journal	International	Progress in the direct catalytic conversion of methane to fuels and chemicals	Progress in Energy and Combustion Science	Karakaya, C., Kee, R.J.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
181	Journal	International	An empirical decomposition of deep groundwater time series and possible link to climate variability	Global Nest Journal	2014	Seeboonruang, U.	Seeboonruang, U.	Civil	3	Journal	International	Temporal dependence of potentiometric levels and groundwater salinity in alluvial aquifer upon rainfall and evapotranspiration	Revista Brasileira de Recursos Hidricos	Fontes Júnior, R.V.P. , Montenegro, A.A.A.
182	Journal	International	Estimation of mean and covariance of peak hour origin-destination demands from day-to-day traffic counts	Transportation Research Part B: Methodological	2014	Shao, H., Lam, W.H.K., Sumalee, A., Chen, A., Hazelton, M.L.	Sumalee, A.	Civil	11	Journal	International	Reliability analysis of degradable networks with modified BPR	Modern Physics Letters B	Wang, Y.-Q., Zhou, C.-F., Jia, B., Zhu, H.-B.
183	Journal	International	Optimal and robust strategies for freeway traffic management under demand and supply uncertainties: An overview and general theory	Transportmetrica A: Transport Science	2014	Zhong, R.X., Sumalee, A., Pan, T.L., Lam, W.H.K.	Sumalee, A.	Civil	8	Journal	International	An open-closed-loop iterative learning control approach for nonlinear switched systems with application to freeway traffic control	International Journal of Systems Science	Sun, S.-T., Li, X.-D., Zhong, R.-X.
184	Journal	International	Optimal recovery plan after disaster: Continuum modeling approach	Journal of Transportation Engineering	2014	Ho, H.W., Sumalee, A.	Sumalee, A.	Civil	4	Conference	International	Progressive damage assessment and network recovery after massive failures	IEEE INFOCOM	Ciavarella, S. , Bartolini, N. , Khamfroush, H.
185	Journal	International	Updating of travel behavior model parameters and estimation of vehicle trip chain based on plate scanning	Journal of Intelligent Transportation Systems: Technology, Planning, and Operations	2014	Siripirote, T., Sumalee, A., Watling, D.P., Shao, H.	Sumalee, A.	Civil	3	Journal	International	Link travel time inference using entry/exit information of trips on a network	Transportation Research Part B: Methodological	Yin, K., Wang, W., Bruce Wang, X., Adams, T.M.
186	Conference	International	Adaptive equalizer for DS-CDMA multi-user communication system based on Laguerre filter structure with sign-Algorithm	Proceedings - 2014 International Conference on Information Science, Electronics and Electrical Engineering, ISEEE 2014	2014	Benjangkprasert, C., Sirithummachak, P.	Benjangkprasert, C.	Computer	1	Journal	International	Blind Equalization with Adaptive Variable Step Sizes Based on Parallel Laguerre Filter	Yingyong Kexue Xuebao/Journal of Applied Sciences	Cui, L. , Yang, J.-A. , Wang, W.
187	Conference	International	Associate rule minimization using boolean algebra set function	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Deekumpa, P., Sooraksa, P.	Sooraksa, P.	Computer	1	Conference	International	Adaptive time series forecasting model with associate rules from time series application to business and financial	Joint International Conference on Digital Arts, Media and Technology	Deekumpa, P. , Chanjarean, I. , Audjai, K.
188	Conference	International	Audio forensics from gunshot for firearm identification	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Thumwarin, P., Wakayaphattaramanus, N., Matsuura, T., Yakoompai, K.	Thumwarin, P.	Computer	1	Conference	International	Identification of firearm calibers via acoustical signature of the ejected cartridge case	International Conference on Signal Processing and Communication Systems	Larrain, L.V.G.L. , Da Costa, J.P.C.L. , Gross, T.J.
189	Conference	International	Defect detection on air bearing surface with gray level co-occurrence matrix	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Kunakornvong, P., Tangkongkiet, C., Sooraksa, P.	Sooraksa, P.	Computer	4	Journal	International	An Area-Based Prior Value Method for Detection of Micro Contamination in Hard Disk Drives	IEEE Access	leamsaard, J., Sandnes, F.E., Muneesawang, P.
190	Conference	International	Identity checking system by visible light	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Purahong, B., Anuwongpinit, T., Dumrong, J.	Purahong, B.	Computer	1	Journal	International	A Passive Transponder for Visible Light Identification Using a Solar Cell	IEEE Sensors Journal	Lee, S.-H.
191	Conference	International	On-line signature verification based on forward and backward variances of signature	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Wibowo, C.P., Thumwarin, P., Matsuura, T.	Thumwarin, P.	Computer	2	Journal	International	Processing of handwritten online signatures: An overview and future trends	Handwriting: Recognition, Development and Analysis	Balestrucci, A. , Impedovo, D. , Pirlo, G.
192	Conference	International	Signal processing of WiMAX physical layer based on low-density parity-check codes	International Conference on Control, Automation and Systems	2014	Benjangkprasert, C., Inchan, T.	Benjangkprasert, C.	Computer	1	Journal	International	BER analysis of WiMAX using diverse channel coding schemes	Indian Journal of Science and Technology	Manzoor, M. , Kansal, L.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
193	Conference	International	Variable forgetting factor RLS algorithm for adaptive echo cancellation	International Conference on Control, Automation and Systems	2014	Sukhumalchayaphong, S., Benjangkprasert, C.	Benjangkprasert, C.	Computer	1	Conference	International	New variable mode QRD adaptive filtering algorithm for acoustic echo cancellation	International Conference on Estimation, Detection and Information Fusion	Lu, C. , Mao, R. , Zhang, Y.
194	Conference	International	Web attack detection using entropy-based analysis	International Conference on Information Networking	2014	Threepak, T., Watcharapupong, A.	Threepak, T./ Watcharapupong, A.	Computer	9	Journal	International	Multi-Task Learning for Intrusion Detection on web logs	Journal of Systems Architecture	Li, B., Lin, Y., Zhang, S.
195	Journal	International	A modified pJournal swarm optimization with mutation and reposition	International Journal of Innovative Computing, Information and Control	2014	Ratanavilisagul, C., Kruatrachue, B.	Kruatrachue, B.	Computer	4	Journal	International	Advances in multirate filter banks: A research survey	Advances in Multirate Systems	Kumar, A., Kuldeep, B., Sharma, I., Singh, G.K., Lee, H.N.
196	Journal	International	An enhanced user-based collaborative filtering recommendation system using the users' latent relationships weighting utilization	Communications in Computer and Information Science	2014	To, T.T., Puntheeranurak, S.	Puntheeranurak, S.	Computer	1	Journal	International	A novel recommendation strategy for user-based collaborative filtering in intelligent marketing	Journal of Digital Information Management	Yi, J. , Zhang, L. , Phelan, C.A.
197	Journal	International	Design, fabrication and operation of continuous microwave biomass carbonization system	Renewable Energy	2014	Payakkawan, P., Areejit, S., Sooraksa, P.	Sooraksa, P.	Computer	4	Conference	International	Effect of microwave irradiation time on the physical properties of Terminalia catappa fruit shells-based activated carbon	AIP Conference Proceedings	Awitdrus, Annur, A., Farma, R., Iwantonon, Deraman, M.
198	Journal	International	Rectangular slot antenna with Asymmetrical conductor strip for bandwidth enhancement coverage UWB standard	Communications in Computer and Information Science	2014	Archevapanich, T., Raklua, P., Anantrasirichai, N., Purahong, B., Chutchavong, V.	Purahong, B./ Chutchavong, V.	Computer	2	Journal	International	Inverted diamond-shaped notched substrate and patch for high-frequency interference on ultra-wideband antenna	International Journal of Electrical and Computer Engineering	Abdulhasan, R.A. , Ramli, K.N. , Alias, R.
199	Journal	International	The design of linear and circular polarization for dual band microstrip slot antenna	IEEJ Transactions on Electrical and Electronic Engineering	2014	Pomsathit, A., Raklua, P., Anantrasirichai, N., Benjangkprasert, C., Wakabayashi, T.	Benjangkprasert, C.	Computer	1	Journal	International	Circular polarized dual-band antenna for WLAN/Wi-MAX application	International Journal of RF and Microwave Computer-Aided Engineering	Behera, S. , Barad, D.
200	Journal	International	A practical position-based visual servo design and implementation for automated fault insertion test	International Journal of Control, Automation and Systems	2014	Banlue, T., Sooraksa, P., Noppanakeepong, S.	Sooraksa, P./ Noppanakeepong, S.	Computer/Telecom	1	Journal	International	Extraction of sparse features of color images in recognizing objects	International Journal of Control, Automation and Systems	Quyen Bui, T.T. , Vu, T.T. , Hong, K.-S.
201	Conference	International	1-V low-power high-accuracy CMOS potentiostat circuit for amperometric sensor	2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2014	Trakoolwattana, R., Thanachayanont, A.	Thanachayanont, A.	Electronics	2	Journal	International	A low power, high-accuracy, 1-V CMOS potentiostat for amperometric sensors	Journal of Telecommunication, Electronic and Computer Engineering	Bashir, M. , Sreehari Rao, P. , Krishna Prasad, K.S.R.
202	Conference	International	Adaptive window size multi-focus images fused based on sum of modified laplacian	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Nomnab, N., Kitjaidure, Y.	Kitjaidure, Y.	Electronics	1	Journal	International	Improved PCNN method for human target infrared image segmentation under complex environments	Guangxue Xuebao/Acta Optica Sinica	He, F. , Guo, Y. , Gao, C.
203	Conference	International	Diamond microelectrodes for Amperometric oxygen sensor	Advanced Materials Research	2014	Cheirsirikul, S., Mongkolkartichai, T.	Cheirsirikul, S.	Electronics	1	Journal	International	Reactive species detection in biology: From fluorescence to electron paramagnetic resonance spectroscopy	Reactive Species Detection in Biology: From Fluorescence to Electron Paramagnetic Resonance Spectroscopy	Villamena, F.A.
204	Conference	International	Implementation of the temperature and narrow channel dependence on threshold voltage model of NMOSFETs	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Ruangphanit, A., Sakuna, N., Niemcharoen, Phinyo, B., Muanghlua, R.	Muanghlua, R.	Electronics	3	Journal	International	Measurement forecast of anomalous threshold voltages in BCD LV submicron n-MOSFETs with two artificial intelligence methods	Measurement: Journal of the International Measurement Confederation	Chen, S.-L. , Shu, D.-Y.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
205	Conference	International	Monitoring of draft beer fermentation process by electronic nose	Advanced Materials Research	2014	Phetchakul, T., Sutthinet, C.	Phetchakul, T.	Electronics	1	Journal	International	Alcoholic Fermentation Using Electronic Nose and Electronic Tongue	Electronic Noses and Tongues in Food Science	Buratti, S. , Benedetti, S.
206	Conference	International	Yield analysis by poisson yield model based on the defect analysis with derivative method	2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2014	Praepattharapisut, W., Pengchan, W., Phetchakul, T., Poyai, A.	Pengchan, W./ Phetchakul, T.	Electronics	3	Conference	International	A Method of Gate-level Circuit Yield Calculation Based on PTM	Procedia Computer Science	Xiao, J., Lee, W., Yang, X., Hu, H., Huang, Y.
207	Journal	International	A merged magnetotransistor for 3-axis magnetic field measurement based on carrier recombination-deflection effect	Microelectronics Journal	2014	Leepattarapongpan, C., Phetchakul, T., Penponddee, N., Pengpad, P., Srihapat, A., Jeamsaksiri, W., Chaowicharat,	Phetchakul, T.	Electronics	2	Journal	International	Research of the Monolithic Integrated 3-D Magnetic Field Sensor Based on MEMS Technology	IEEE Sensors Journal	Zhao, X. , Bai, Y. , Deng, Q.
208	Journal	International	Effect of A-site and B-site ion replaced with small ions on the intermediate phase in $PbZrO_3$ -ceramic	Materials Chemistry and Physics	2014	Sukkha, U., Vittayakorn, W., Muanghlua, R., Niemcharoen, S., Vittayakorn, N.	Muanghlua, R./ Niemcharoen, S.	Electronics	4	Journal	International	The effect of rare earth Dy ³⁺ ions on structural, dielectric and electrical behavior of new nanocrystalline $PbZrO_3$ perovskites	Ceramics International	Shahzad, M.A., Shahid, M., Bibi, I., (...), Paracha, R.N., Warsi, M.F.
209	Journal	International	Robustness study of ECG biometric identification in heart rate variability conditions	IEEJ Transactions on Electrical and Electronic Engineering	2014	Pathoumvanh, S., Airphaiboon, S., Hamamoto, K.	Airphaiboon, S.	Electronics	4	Journal	International	Towards a continuous biometric system based on ECG signals acquired on the steering wheel	Sensors (Switzerland)	Pinto, J.R., Cardoso, J.S., Lourenço, A., Carreiras, C.
210	Journal	International	A novel image-analysis based approach to evaluate some physicochemical and cooking properties of rice kernels	Journal of Food Engineering	2014	Jinrose, M., Prachayawarakorn, S., Soponronnarit, S.	Jinrose, M.	Food	6	Journal	International	Machine vision system for food grain quality evaluation: A review	Trends in Food Science and Technology	Vithu, P., Moses, J.A.
211	Conference	International	A study of critical success factors and prioritization by using analysis hierarchy process in lean manufacturing implementation for Thai SMEs	Proceedings of the 5th International Asia Conference on Industrial Engineering and Management Innovation, IEMI 2014	2014	Kiatcharoenpol, T., Laosirihongthong, T., Chaiyawong, P., Glincha-Em, C.	Kiatcharoenpol, T.	Industrial	1	Journal	International	Soft lean practices for successful lean production system implementation in malaysia automotive smes: A proposed framework	Jurnal Teknologi	Mamat, R.C. , Md Deros, B. , Ab Rahman, M.N.
212	Conference	International	Development of redundant bus library for arduino to apply in SCADA system	International Conference on Control, Automation and Systems	2014	Tipsuwanporn, V., Numsomran, A., Samaimak, S., Harnnarong, Sh.	Tipsuwanporn, V./ Numsomran, A.	Instrument	1	Journal	International	An open source SCADA system to implement advanced computer integrated manufacturing	IEEE Latin America Transactions	Minchala, L.I. , Ochoa, S. , Veledela, E.
213	Conference	International	Energy analysis in Zigbee based wireless sensor node powered by piezoelectric energy harvester	Advanced Materials Research	2014	Isarakorn, D., Sudhawiyangkul, T., Nundrakwang, S.	Isarakorn, D.	Instrument	1	Conference	International	Self-start piezoelectric energy harvesting circuit with adjustable uvlo converter for wireless sensor network	Conference on Smart Materials, Adaptive Structures and Intelligent Systems	Jung, H.J. , Lee, S. , Jabbar, H.
214	Conference	International	Parallel-connected high voltage multiplier with symmetrical structure	Applied Mechanics and Materials	2014	Eguchi, K., Pongswatd, S., Terada, S., Oota, I.	Pongswatd, S.	Instrument	3	Journal	International	Design of a high-voltage multiplier combined with Cockcroft-Walton voltage multipliers and switched-capacitor AC-AC converters	International Journal of Innovative Computing, Information and Control	Eguchi, K. , Wongjan, A. , Julsereewong, A.
215	Journal	International	Compact VDTA-based current-mode electronically tunable universal filters using grounded capacitors	Microelectronics Journal	2014	Satansup, J., Tangsrirat, W.	Tangsrirat, W.	Instrument	11	Journal	International	Electronically tunable MOSFET-only current-mode biquad filter	International Journal of Electronics and Communications	Yesil, A., Ozenli, D., Arslan, E., Kacar, F.
216	Journal	International	Digital control of a buck converter based on a non-linear switching surface technique	International Journal of Electrical Engineering	2014	Nawong, M., Sinthusonthishat, S., Chuladaycha, N.	Chuladaycha, N.	Instrument	2	Journal	International	A new single active switch quadratic buck converter	International Review of Automatic Control	Lica, S. , Iancu, D.F. , Tomoroga, M.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
217	Journal	International	Robust hybrid control for two-dimensional handheld micromanipulator	Journal of Robotics and Mechatronics	2014	Boksuwan, S., Benjanarasuth, T., Kanamori, C., Aoyama, H.	Boksuwan, S./ Benjanarasuth, T.	Instrument	2	Journal	International	Adaptive integral sliding mode control via fuzzy logic for variable speed wind turbines	Journal of Robotics and Mechatronics	Ren, Y., Gong, C., Wang, D., Qian, D.
218	Journal	International	SFG synthesis of general high-order all-pass and all-pole current transfer functions using CFTAs	The Scientific World Journal	2014	Tangsrirat, W.	Tangsrirat, W.	Instrument	4	Journal	International	New CMOS realization of high performance Voltage Differencing Inverting Buffered Amplifier and its filter application	Analog Integrated Circuits and Signal Processing	Kumari, S., Gupta, M.
219	Journal	International	Signal flow graph realization of single-input five-output current-mode universal biquad using current follower transconductance amplifiers	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	2014	Tangsrirat, W., Unhavanich, S.	Tangsrirat, W.	Instrument	2	Conference	International	Voltage-mode CFTA-C fifth-order low-pass filter design and optimization	International Conference on Electrical and Electronics Engineering	Koton, J., Herencsar, N., Havlikova, R., Vrba, K., Venclovsky, M.
220	Journal	International	Simple BiCMOS CCCTA design and resistorless analog function realization	Scientific World Journal	2014	Tangsrirat, W.	Tangsrirat, W.	Instrument	1	Journal	International	The configuration of Current-Mode Single-Input Multi-Output, Multi-Input Single-Output biquad filter and quadrature oscillator Based-On BiCMOS CCCTAs	Przeglad Elektrotechniczny	Jantakun, A.
221	Journal	International	Voltage differencing transconductance amplifier-based floating simulators with a single grounded capacitor	Indian Journal of Pure and Applied Physics	2014	Tangsrirat, W., Unhavanich, S.	Tangsrirat, W.	Instrument	5	Journal	International	New two-CFOA-based floating immittance simulators	Analog Integrated Circuits and Signal Processing	Abuelma'atti, M.T., Dhar, S.K., Khalifa, Z.J.
222	Conference	International	A model-reference sliding mode for dual-stage actuator servo control in HDD	2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2014	Sonkham, S., Pinsopon, U., Chatlatanagulchai, W.	Pinsopon, U.	Mechanical	2	Conference	International	Sliding mode control with a linear sliding surface that varies along a smooth trajectory	International Symposium on Control Systems,	Mizoshiri, T. , Mori, Y.
223	Conference	International	Investigation on stability and performance of a free-piston Stirling engine	Energy Procedia	2014	Kwankaomeng, S., Silpsakoolsook, B., Savangvong, P.	Kwankaomeng, S.	Mechanical	5	Journal	International	From beale number to pole placement design of a free piston stirling engine	Archive of Mechanical Engineering	Zare, S., Tavakolpour-Saleh, A., Omidvar, A.
224	Conference	International	Microstructural evolution and grain refinement in a Cu-Zr alloy processed by high-pressure torsion	Materials Science Forum	2014	Wongsa-Ngam, J., Langdon, T.G.	Wongsa-Ngam, J.	Mechanical	1	Journal	International	Bulk Nanostructured Materials	Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science	Koch, C.C., Langdon, T.G., Lavernia, E.J.
225	Conference	International	Microstructural evolution and grain refinement in a Cu-Zr alloy processed by high-pressure torsion	Advanced Materials Research	2014	Wongsa-Ngam, J., Langdon, T.G.	Wongsa-Ngam, J.	Mechanical	1	Journal	International	Microstructural evolution and microhardness variations in a Cu-36Zn-2Pb alloy processed by high-pressure torsion	Journal of Materials Science	Zhang, H.Y. , Wang, C.T. , Wang, Y.C.
226	Conference	International	Numerical simulation of Al ₂ O ₃ -water nanofluid flow and heat transfer in a tube with angled rings	Advanced Materials Research	2014	Promvong, P., Sripattanapipat, S., Jedsadaratanachai, W.	Promvong, P./ Jedsadaratanachai, W.	Mechanical	1	Journal	International	The significant effect of turbulence characteristics on heat transfer enhancement using nanofluids: A comprehensive review	International Communications in Heat and Mass Transfer	Sidik, N.A.C. , Samion, S. , Musa, M.N.
227	Conference	International	Thermal performance in circular tube with Co/counter-twisted tapes	Advanced Materials Research	2014	Chokphoemphun, S., Hinthao, C., Eiamsa-Ard, S., Promvong, P., Thianpong, C.	Promvong, P./ Thianpong, C.	Mechanical	1	Journal	International	Structure evolution and orientation mechanism of long-chain-branched poly (lactic acid) in the process of solid die drawing	European Polymer Journal	Li, J. , Li, Z. , Ye, L.
228	Conference	International	Tuning PID controller using genetic algorithms for electro-hydraulic system with tracking force control	Advanced Materials Research	2014	Moonumca, P., Depaiwa, N., Yamamoto, Y.	Depaiwa, N.	Mechanical	1	Journal	International	Hydraulic quadruped robot joint force control based on double internal model controller	International Journal of Control and Automation	Wang, Z. , Duan, R. , Sun, G.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
229	Journal	International	A case study on thermal performance assessment of a heat exchanger tube equipped with regularly-spaced twisted tapes as swirl generators	Case Studies in Thermal Engineering	2014	Eiamsa-Ard, P., Piriyaungroj, N., Thianpong, C., Eiamsa-Ard, S.	Thianpong, C.	Mechanical	15	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
230	Journal	International	An examination of the saturation microstructures achieved in ultrafine-grained metals processed by high-pressure torsion	Journal of Materials Research and Technology	2014	Sabbaghianrad, S., Wongsang-ngam, J., Kawasaki, M., Langdon, T.G.	Wongsang-ngam, J.	Mechanical	7	Journal	International	Mechanical and biological behavior of ultrafine-grained Ti alloy aneurysm clip processed using high-pressure torsion	Journal of the Mechanical Behavior of Biomedical Materials	Um, H.Y., Park, B.H., Ahn, D.-H., (...), Park, J., Kim, H.S.
231	Journal	International	Detection of plant water stress using leaf temperature and microclimatic measurements in almond, Walnut, and grape crops	Transactions of the ASABE	2014	Dhillon, R., Udompetaikul, V., Rojo, F., Roach, J., Upadhyaya, S., Slaughter, D., Lampinen, B., Shackel, K.	Udompetaikul, V.	Mechanical	5	Conference	International	Bionic Egg: Sealed mobile sensor packaging design with adaptive power consumption	IEEE Long Island Systems, Applications and Technology Conference	Jacobson, E., Darius, S., Tatoglu, A., Mellodge, P.
232	Journal	International	Determination of the gamma-aminobutyric acid content of germinated brown rice by near infrared spectroscopy	Journal of Near Infrared Spectroscopy	2014	Kaewson, K., Sirisomboon, P.	Sirisomboon, P.	Mechanical	1	Journal	International	Spectroscopic analysis of wheat fractions and reconstituted whole wheat mixtures by 1H-NMR and NIR	Cereal Chemistry	Ramakrishnan, V., Ridge, C.D., Harnly, J.
233	Journal	International	Eating quality of cooked rice determination using Fourier transform near infrared spectroscopy	Journal of Innovative Optical Health Sciences	2014	Lapcharoensuk, R., Sirisomboon, P.	Lapcharoensuk, R./ Sirisomboon, P.	Mechanical	2	Journal	International	Applying singular value decomposition technique for quantifying the insects in commercial Thai Hom Mali Rice from NIR Spectrum	Journal of Innovative Optical Health Sciences	Jaruwat, P., Choomjaihan, P.
234	Journal	International	Effects of blockage ratio and pitch ratio on thermal performance in a square channel with 30° double V-baffles	Case Studies in Thermal Engineering	2014	Jedsadaratanachai, W., Boonloi, A.	Jedsadaratanachai, W.	Mechanical	2	Journal	International	Use of waisted triangular-shaped baffles to enhance heat transfer in a constant temperature-surfaced rectangular channel	Journal of Engineering Science and Technology	Menni, Y., Azzi, A., Zidani, C.
235	Journal	International	Evaluation of the thermal properties of Jatropha curcas L. kernels using near-infrared spectroscopy	Biosystems Engineering	2014	Posom, J., Sirisomboon, P.	Sirisomboon, P.	Mechanical	1	Journal	International	Applications of near-infrared spectroscopy (NIRS) in biomass energy conversion processes: A review	Applied Spectroscopy Reviews	Skvaril, J., Kyprianidis, K.G., Dahlquist, E.
236	Journal	International	Experimental investigation on turbulent convection in solar air heater channel fitted with delta winglet vortex generator	Chinese Journal of Chemical Engineering	2014	Skullong, S., Promvong, P.	Promvong, P.	Mechanical	8	Journal	International	Experimental investigation of heat transfer and friction factor characteristics of solar air heater using wavy delta winglets	Applied Thermal Engineering	Sawhney, J.S., Maithani, R., Chamoli, S.
237	Journal	International	Experimental study on heat transfer in square duct with combined twisted-tape and winglet vortex generators	International Communications in Heat and Mass Transfer	2014	Promvong, P., Suwannapan, S., Pimsarn, M., Thianpong, C.	Promvong, P./ Pimsarn, M./ Thianpong, C.	Mechanical	14	Journal	International	Experimental heat transfer and flow characteristics in a spiral grooved tube with overlapped large/small twin twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
238	Journal	International	Heat transfer behaviors in a solar air heater channel with multiple V-baffle vortex generators	Solar Energy	2014	Tamna, S., Skullong, S., Thianpong, C., Promvong, P.	Thianpong, C./ Promvong, P.	Mechanical	18	Journal	International	An experimental study of heat transfer enhancement in an air channel with broken multi type V-baffles	Heat and Mass Transfer/Waerme- und Stoffuebertragung	Kumar, A., Kumar, R., Maithani, R., (...), Kumar, S., Nadda, R.
239	Journal	International	Heat transfer enhancement by helical screw tape coupled with rib turbulators	Journal of Mechanical Science and Technology	2014	Nanan, K., Pimsarn, M., Thianpong, C., Eiamsa-Ard, S.	Pimsarn, M./ Thianpong, C.	Mechanical	3	Journal	International	Heat Transfer Performance through a Flat Tube Using Rotary Helical Screw-tape Inserts	Experimental Heat Transfer	Omara, M.A.
240	Journal	International	Investigation of heat transfer enhancement by perforated helical twisted-tapes	International Communications in Heat and Mass Transfer	2014	Nanan, K., Thianpong, C., Promvong, P., Eiamsa-ard, S.	Thianpong, C./ Promvong, P.	Mechanical	21	Journal	International	Numerical and experimental investigation of enhancement of heat transfer in dimpled rib heat exchanger tube	Heat and Mass Transfer/Waerme- und Stoffuebertragung	Kumar, A., Maithani, R., Suri, A.R.S.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
241	Journal	International	Microstructural evolution and microhardness in a low carbon steel processed by high-pressure torsion	Journal of Materials Research and Technology	2014	Marulanda Cardona, D.M., Wongs-Ngam, J., Langdon, T.G.	Wongs-Ngam, J.	Mechanical	4	Journal	International	Microhardness homogeneity and microstructure of high-nitrogen austenitic steel processed by high-pressure torsion	AIP Conference Proceedings	Maier, G., Astafurova, E., Melnikov, E., (...), Smirnov, A., Bataev, V.
242	Journal	International	Microstructural evolution of cryomilled Ti/Al mixture during high-pressure torsion	Journal of Materials Research	2014	Bahmanpour, H., Sun, Y., Hu, T., Zhang, D., Wongs-Ngam, J., Langdon, T.G., Lavernia, E.J.	Wongs-Ngam, J.	Mechanical	7	Journal	International	High-pressure torsion-induced phase transformations and grain refinement in Al/Ti composites	Journal of Materials Science	Sun, Y., Aindow, M., Hebert, R.J., Langdon, T.G., Lavernia, E.J.
243	Journal	International	Numerical simulation of cylindrical heat pipe considering non-Darcian transport for liquid flow inside wick and mass flow rate at liquid-vapor interface	International Journal of Heat and Mass Transfer	2014	Pooyoo, N., Kumar, S., Charoensuk, J., Suksangpanomrung, A.	Charoensuk, J.	Mechanical	9	Journal	International	Numerical simulation of high temperature sodium heat pipe for passive heat removal in nuclear reactors	Nuclear Engineering and Design	Panda, K.K., Dulera, I.V., Basak, A.
244	Journal	International	Performance assessment in a heat exchanger tube with opposite/parallel wing twisted tapes	Advances in Mechanical Engineering	2014	Eiamsa-Ard, S., Pimsarn, M., Thianpong, C.	Pimsarn, M./ Thianpong, C.	Mechanical	1	Journal	International	Heat transfer and flow resistance performance of shutter baffle heat exchanger with triangle tube layout in shell side	Advances in Mechanical Engineering	Gu, X. , Liu, B. , Wang, Y.
245	Journal	International	Study on evaluation of gamma oryzanol of germinated brown rice by near infrared spectroscopy	Journal of Innovative Optical Health Sciences	2014	Kaewson, K., Sirisomboon, P.	Sirisomboon, P.	Mechanical	1	Journal	International	Applying singular value decomposition technique for quantifying the insects in commercial Thai Hom Mali Rice from NIR Spectrum	Journal of Innovative Optical Health Sciences	Jarurat, P. , Choomjaihan, P.
246	Journal	International	The effect of microstructure heterogeneity on the microscale deformation of ultrafine-grained aluminum	Journal of Materials Research	2014	Kammers, A.D., Wongs-Ngam, J., Langdon, T.G., Daly, S.	Wongs-Ngam, J.	Mechanical	2	Journal	International	Effect of cryorolling on microstructure and mechanical properties of a peak-aged AA6082 extrusion	Journal of Alloys and Compounds	Xu, Z., Liu, M., Jia, Z., Roven, H.J.
247	Journal	International	Thermal performance enhancement in a heat exchanger tube fitted with inclined vortex rings	Applied Thermal Engineering	2014	Promvongse, P., Koolnapadol, N., Pimsarn, M., Thianpong, C.	Promvongse, P./ Pimsarn, M./ Thianpong, C.	Mechanical	29	Journal	International	A review of research on intercoolers and recuperators in aero-engines	Hangkong Xuebao/Acta Aeronautica et Astronautica Sinica	Zhao, B., Xuan, Y.
248	Journal	International	Thermal performance of turbulent flow in a solar air heater channel with rib-groove turbulators	International Communications in Heat and Mass Transfer	2014	Skullong, S., Kwankaomeng, S., Thianpong, C., Promvongse, P.	Kwankaomeng, S./ Thianpong, C./ Promvongse, P.	Mechanical	18	Journal	International	Experimental investigation of thermal performance of a single and double pass solar air heater with arc like structures as the absorber plate	Journal of Computational and Theoretical Nanoscience	Sam Stanley, S.G., Kalidasa Murugavel, K.
249	Journal	International	Vibration response of stepped FGM beams with elastically end constraints using differential transformation method	Applied Acoustics	2014	Suddoung, K., Charoensuk, J., Wattanasakulpong, N.	Charoensuk, J.	Mechanical	13	Journal	International	Exact vibration modes of multiple-stepped beams with arbitrary steps and supports using elemental impedance method	Engineering Structures	Lin, R.M., Ng, T.Y.
250	Conference	International	AC-choppers using instantaneous voltage control technique to solve voltage sag problems	2014 International Power Electronics Conference, IPEC-Hiroshima - ECCE Asia 2014	2014	Khomfoi, S.	Khomfoi, S.	Power	1	Conference	International	Novel approach employing buck-boost converter as DC-link modulator and inverter as AC-chopper for induction motor drive applications: An alternative to conventional AC-DC-AC scheme	IEEE International Symposium on Industrial Electronics	Tekwani, P.N. , Manilal, P.V.
251	Conference	International	Analysis of a wide load variation of ZVZCS phase-shifted PWM full-bridge DC-DC converter	2014 International Electrical Engineering Congress, iEECON 2014	2014	Jangwanitlert, A.	Jangwanitlert, A.	Power	3	Journal	International	Modeling and controlling strategy of four-switch buck-boost converter with smooth mode transitions	Open Electrical and Electronic Engineering Journal	Zhang, W.-Z., Lin, H.-P., Zhang, Y., Jin, J.-M.
252	Conference	International	Analytical study of harmonics issued from LED lamp driver	Lecture Notes in Engineering and Computer Science	2014	Jettanasen, C., Pothisarn, C.	Jettanasen, C./ Pothisarn, C.	Power	4	Conference	International	CFL to LED Transition: An analysis from harmonics perspective	IEEE International Conference on Power System Technology	IEEE International Conference on Power System Technology

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
253	Conference	International	Comparison of distributed and Centralized control for partial shading in PV parallel based on PJournal Swarm Optimization Algorithm	2014 International Electrical Engineering Congress, IEECON 2014	2014	Jumpasri, N., Pinsuntia, K., Woranetsuttikul, K., Nilsakorn, T., Khan-Ngern, W.	Khan-Ngern, W.	Power	2	Journal	International	Compressive Sensing-Based Optimal Reactive Power Control of a Multi-Area Power System	IEEE Access	Khan, I. , Xu, Y. , Kar, S.
254	Conference	International	Comparison on performance between synchronous single-ended primary-inductor converter (SEPIC) and synchronous ZETA converter	2014 International Electrical Engineering Congress, IEECON 2014	2014	Woranetsuttikul, K., Pinsuntia, K., Jumpasri, N., Nilsakorn, T., Khan-Ngern, W.	Khan-Ngern, W.	Power	2	Conference	International	Implementation of incremental-conductance MPPT algorithm in a photovoltaic conversion system based on DC-DC ZETA converter	International Conference on Modelling, Identification and Control	Kaouane, M., Boukhelifa, A., Cheriti, A.
255	Conference	International	Effects of induced high-frequency currents from lightning on blade of wind power generation	Proceedings - 2014 International Conference on Information Science, Electronics and Electrical Engineering, ISEEE 2014	2014	Parsittipan, A., Ngaopitakkul, A.	Ngaopitakkul, A.	Power	1	Journal	International	Numerical Simulation and Protection of Wind Turbine Blade Lightning Attachment Zones	Gaodiana Jishu/High Voltage Engineering	Zhou, Q. , Liu, C. , Cheng, Y.
256	Conference	International	Feasibility study and impact of energy consumption reduction using T5 fluorescent lamp in building	Proceedings of 2014 International Conference on Intelligent Green Building and Smart Grid, IGBSG 2014	2014	Suttisinthong, N., Seewirote, B., Ngaopitakkul, A., Jettanasen, C.	Ngaopitakkul, A./ Jettanasen, C.	Power	1	Conference	International	The evaluation of demand side management implementation in smart grid	IEEE International Conference on Robotics and Biomimetics	Zhou, Y.
257	Conference	International	Fuzzy logic control of a two-output high-frequency series-resonant induction heater	2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2014	Kongsakorn, P., Jangwanitlert, A.	Jangwanitlert, A.	Power	1	Conference	International	Three level single phase half bridge NPCVSI induction heating with combined phase shift PWM and PFM digital power control	International Conference on Electrical Machines and Systems	Kaewoonruan, S. , Nurach, S. , Lenwari, W.
258	Conference	International	Harmonic effect on BLDC motor temperature caused by driving system	2014 International Electrical Engineering Congress, IEECON 2014	2014	Nilsakorn, T., Woranetsuttikul, K., Pinsuntia, K., Jumpasri, N., Khan-Ngern, W.	Khan-Ngern, W.	Power	1	Journal	International	Temperature calculation for high power density permanent magnet motor with consideration of heat transfer in bearings	Zhejiang Daxue Xuebao (Gongxue Ban)/Journal of Zhejiang University (Engineering Science)	Zhang, H.-N. , Zhang, Q. , Huang, S.-R.
259	Conference	International	Improved H ₂ /H _∞ control-based robust PI controller design of SMES for suppression of power fluctuation in microgrid	2014 International Electrical Engineering Congress, IEECON 2014	2014	Vachirasiririkul, S., Ngamroo, I.	Ngamroo, I.	Power	1	Journal	International	Robustness improvement of superconducting magnetic energy storage system in microgrids using an energy shaping passivity-based control strategy	Energies	Hou, R. , Song, H. , Nguyen, T.-T.
260	Conference	International	Improvement to reduce training time of back-propagation neural networks for discrimination between external short circuit and internal winding fault	Proceedings - 2014 International Conference on Information Science, Electronics and Electrical Engineering, ISEEE 2014	2014	Bunjongjit, S., Ngaopitakkul, A., Pothisam, C., Jettanasen, C.	Bunjongjit, S./ Ngaopitakkul, A./ Pothisam, C./ Jettanasen, C.	Power	1	Journal	International	Neural network architecture through data mining techniques	Advances in Electrical and Computer Engineering	Tej, M.L. , Holban, Ş.
261	Conference	International	Model predictive control-based wind turbine blade pitch angle control for alleviation of frequency fluctuation in a smart grid	2014 International Electrical Engineering Congress, IEECON 2014	2014	Pahasa, J., Ngamroo, I.	Ngamroo, I.	Power	1	Conference	International	A different model of WECS connected to smart grid through matrix converter	International Istanbul Smart Grid Congress and Fair	Saygin, A. , Aksoz, A. , Yilmaz, E.N.
262	Conference	International	Predictive voltage control for a distribution network with renewable energy sources	2014 International Electrical Engineering Congress, IEECON 2014	2014	Nakawiro, W.	Nakawiro, W.	Power	2	Journal	International	An overview to the concept of smart coupling and battery management for grid connected photovoltaic battery system	Journal of Electronic Science and Technology	Dongol, D. , Bollin, E. , Feldmann, T.
263	Conference	International	Robust decentralized power oscillation dampers design of DFIG wind turbines for stabilization of inter-area oscillation	2014 IEEE Innovative Smart Grid Technologies - Asia, ISGT ASIA 2014	2014	Surinkaew, T., Ngamroo, I.	Ngamroo, I.	Power	1	Journal	International	Power system oscillations and control: Classifications and PSSs' design methods: A review	Renewable and Sustainable Energy Reviews	Assi Obaid, Z. , Cipcigan, L.M. , Muhssin, M.T.
264	Conference	International	Robust stabilization of multimachine power system by DFIG wind turbine equipped with power oscillation damper	2014 International Electrical Engineering Congress, IEECON 2014	2014	Surinkaew, T., Ngamroo, I.	Ngamroo, I.	Power	1	Conference	International	Wind power integration improvement in the electric network	International Conference on Sciences and Techniques of Automatic Control and Computer Engineering	Ammous, S. , Ben Ammar, R. , Oualha, A.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
265	Conference	International	Speed control of asymmetrical two-phase induction machine using three-leg space vector PWM voltage source inverter	16th International Power Electronics and Motion Control Conference and Exposition, PEMC 2014	2014	Choorak, C., Kinnares, V.	Kinnares, V.	Power	2	Conference	International	Influence of current sampling frequency on voltage source inverter fuzzy correction	Selected Issues of Electrical Engineering and Electronics	Binkowski, T.
266	Conference	International	Transient characteristics of grounding systems	2014 International Electrical Engineering Congress, IEECON 2014	2014	Yutthagowith, P.	Yutthagowith, P.	Power	1	Journal	International	Performance of earthing systems for different earth electrode configurations	IEEE Transactions on Industry Applications	Yunus, M.S.M., Mohamad Nor, N., Agbor Etobi, N.
267	Conference	International	Wide area robust centralized power oscillation dampers design for DFIG-based wind turbines	Proceedings - 2014 Power Systems Computation Conference, PSCC 2014	2014	Surinkaew, T., Ngamroo, I.	Ngamroo, I.	Power	4	Journal	International	Loop Shaping of a Wide-Area Damping Controller Using HVDC	IEEE Transactions on Power Systems	Roberson, D., Obrien, J.F.
268	Conference	International	Wireless power charging on electric vehicles	2014 International Electrical Engineering Congress, IEECON 2014	2014	Khan-Ngern, W., Zenkner, H.	Khan-Ngern, W.	Power	2	Journal	International	Wireless Charging Technologies: Fundamentals, Standards, and Network Applications	IEEE Communications Surveys and Tutorials	Lu, X., Wang, P., Niyato, D., Kim, D.I., Han, Z.
269	Journal	International	Adaptive power system stabilizer design using optimal support vector machines based on harmony search algorithm	Electric Power Components and Systems	2014	Pahasa, J., Ngamroo, I.	Ngamroo, I.	Power	3	Conference	International	Design of membership functions for fuzzy power system stabilizer using self organized mapping	International Conference on Advances in Electrical, Electronic and Systems Engineering	Vakula, V.S., Sireesha, N., Vamsi Krishna, S.
270	Journal	International	Alleviation of power fluctuation in a microgrid by electrolyzer based on optimal fuzzy gain scheduling PID control	IEEJ Transactions on Electrical and Electronic Engineering	2014	Chaiyatham, T., Ngamroo, I.	Ngamroo, I.	Power	1	Journal	International	An adaptive PID like controller using mix locally recurrent neural network for robotic manipulator with variable payload	ISA Transactions	Sharma, R., Kumar, V., Gaur, P.
271	Journal	International	Cooperative Control of SFCL and SMES for Enhancing Fault Ride Through Capability and Smoothing Power Fluctuation of DFIG Wind Farm	IEEE Transactions on Applied Superconductivity	2014	Ngamroo, I., Karaipoom, T.	Ngamroo, I.	Power	20	Journal	International	Transient stability enhancement of DC-connected DFIG and its converter system using fault protective device	Journal of Modern Power Systems and Clean Energy	Yan, S., Zhang, A., Zhang, H., Wang, J., Cai, B.
272	Journal	International	Coordinated robust control of DFIG wind turbine and pss for stabilization of power oscillations considering system uncertainties	IEEE Transactions on Sustainable Energy	2014	Surinkaew, T., Ngamroo, I.	Ngamroo, I.	Power	15	Journal	International	Simultaneous robust coordinated damping control of power system stabilizers (PSS), static var compensator (SVC) and doubly-fed induction generator power oscillation dampers (DFIG PODs) in multimachine power	Energies	uo, J., Li, Y., Shi, D., Duan, X.
273	Journal	International	Improving Low-Voltage Ride-Through Performance and Alleviating Power Fluctuation of DFIG Wind Turbine in DC Microgrid by Optimal SMES with Fault Current Limiting Function	IEEE Transactions on Applied Superconductivity	2014	Ngamroo, I., Karaipoom, T.	Ngamroo, I.	Power	19	Journal	International	Progress on protection strategies to mitigate the impact of renewable distributed generation on distribution systems	Energies	Norshahrani, M., Mokhlis, H., Bakar, A.H.A., Jamian, J.J., Sukumar, S.
274	Journal	International	Mitigation of conducted electromagnetic interference emissions in DC-DC converter	ICIC Express Letters	2014	Jettanasen, C., Suttisinthong, N.	Jettanasen, C.	Power	1	Conference	International	Modeling the temperature dependence of minor hysteresis loops in ferromagnetic materials	Proceedings of 2016 IEEE International Conference on Electronic Information and Communication Technology	Li, C., Tang, Z., Lin, G.
275	Journal	International	Power quality and electromagnetic interference noise problems of fluorescent lamp system to control systems	Advanced Science Letters	2014	Uyaisom, C., Khan-Ngern, W.	Khan-Ngern, W.	Power	2	Conference	International	Reduction of noise similar to solar interference in computer networks based on power line communication	IEEE 9th International Conference on Intelligent Data Acquisition and Advanced Computing Systems: Technology and Applications	Rumiankov, D., Zhuravska, I., Solobuto, L.
276	Journal	International	Robust LFC in a smart grid with wind power penetration by coordinated V2G control and frequency controller	IEEE Transactions on Smart Grid	2014	Vachirasirikul, S., Ngamroo, I.	Ngamroo, I.	Power	58	Journal	International	Model predictive control of plug-in hybrid electric vehicles for frequency regulation in a smart grid	IET Generation, Transmission and Distribution	Elsisi, M., Soliman, M., Aboelela, M.A.S., Mansour, W.

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง										ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง				
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
277	Journal	International	Robust power oscillation damper design for DFIG-based wind turbine based on specified structure mixed H_{∞} control	Renewable Energy	2014	Surinkaew, T., Ngamroo, I.	Ngamroo, I.	Power	18	Journal	International	Fixed-order loop shaping robust controller design for parametric models to damp inter-area oscillations	International Journal of Electrical Power and Energy Systems	Abdraham, A.A., Hadidi, R., Karimi, A., Saraf, P., Makram, E.
278	Conference	International	0.75-V four-quadrant current multiplier using floating gate-MOS transistors	2014 International Electrical Engineering Congress, IEECON 2014	2014	Kumngern, M., Chanwutitum, J.	Kumngern, M.	Telecom	2	Journal	International	High speed and low sensitive current-mode CMOS perceptron	Microelectronic Engineering	Szczepny, S.
279	Conference	International	A 1.2 v low-power true single-phase clock CMOS 2/3 prescalers	Proceedings - 2014 International Conference on Information Science, Electronics and Electrical Engineering, ISEEE 2014	2014	Tooprakai, S., Tudsorn, A.	Tooprakai, S.	Telecom	2	Conference	International	High speed-low power divide-by-16/17 dual modulus prescaler using C2MOS	Advances in Intelligent Systems and Computing	Chakraborty, A., Agrawal, A., Gupta, S., Rajput, S.K., Mehra, A.
280	Conference	International	An iterative inter-track interference mitigation method for two-dimensional magnetic recording systems	Journal of Applied Physics	2014	Warisam, C., Losuwan, T., Supnithi, P., Kovintavewat, P.	Supnithi, P.	Telecom	4	Journal	International	A Soft-5/6 Modulation Code with Iterative ITI Subtraction Scheme in Multireader TDMR Systems	IEEE Transactions on Magnetics	Pituso, K., Warisam, C., Tongsoptom, D.
281	Conference	International	CFTA-based electronically tunable quadrature sinusoidal oscillator	2014 International Electrical Engineering Congress, IEECON 2014	2014	Kumngern, M., Lamun, P., Junnapiya, S.	Kumngern, M./ Junnapiya, S.	Telecom	2	Journal	International	Design and analysis of high Transconductance Current Follower Transconductance Amplifier (CFTA) and its applications	Analog Integrated Circuits and Signal Processing	Kumari, S., Gupta, M.
282	Conference	International	Channel estimation method for SFBC MIMO-OFDM based wireless two-way relay system in time-varying fading channel	2014 IEEE 5th International Conference on Communications and Electronics, IEEE ICCE 2014	2014	Mata, T., Mori, K., Kobayashi, H., Boonsrimuang, P.	Boonsrimuang, P.	Telecom	1	Journal	International	Improving STFBC MIMO OFDMA with channel estimation using DFT and DCT technique	Jurnal Teknologi	Idris, A., Sulong, S.M., Bakar, L.A.
283	Conference	International	Current-mode third-order quadrature oscillator using VDTAs and grounded capacitors	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Phatsomsiri, P., Lamun, P., Kumngern, M., Torteanchai, U.	Kumngern, M.	Telecom	3	Journal	International	Recent Developments in Current-Mode Sinusoidal Oscillators: Circuits and Active Elements	Arabian Journal for Science and Engineering	Arabian Journal for Science and Engineering
284	Conference	International	Detection of reinforced metal in light weight concrete structures using an RFID sensor system	2014 IEEE Conference on Antenna Measurements and Applications, CAMA 2014	2014	Suwalak, R., Phongcharoenpanich, C., Torrungrueng, D.	Phongcharoenpanich, C.	Telecom	1	Journal	International	A passive temperature-sensing antenna based on a bimetal strip coil	Sensors (Switzerland)	Shi, X., Yang, F., Xu, S.
285	Conference	International	Dielectric properties of Palmyrah palm juice at microwave frequencies	2014 Asia-Pacific Microwave Conference Proceedings, APMC 2014	2014	Kanahna, R., Keowsawat, P., Promwong, S., Phongcharoenpanich, C.	Promwong, S./ Phongcharoenpanich, C.	Telecom	1	Conference	International	Investigation of the natural resonant frequencies of palmyrah palm juice for quality control	IEEE International Conference on Antenna Measurements and Applications	Tantisoparak, T., Keowsawat, P., Kanahna, R.
286	Conference	International	Drift velocity estimation of ionospheric disturbance using GPS observations	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Bumrungrkit, A., Rungraengwajake, S., Supnithi, P., Siansawasdi, N.	Supnithi, P.	Telecom	3	Journal	International	Spectral investigation of traveling ionospheric disturbances: IONOLAB-FFT	Geodesy and Geodynamics	Arikan, F., Yarici, A.
287	Conference	International	Electronically tunable versatile current-mode MISO universal filter including minimum component count circuits	2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2014	Chaichana, A., Kumngern, M., Jaikla, W.	Kumngern, M.	Telecom	1	Conference	International	Electronically tunable current-mode quadrature oscillator derived from first-order allpass filter	UKSim-AMSS 8th European Modelling Symposium on Computer Modelling and Simulation	Chaichana, A., Jaikla, W.
288	Conference	International	Electronically tunable voltage-mode Elliptic third-order ladder low-pass filter using simple OTA	2014 International Symposium on Intelligent Signal Processing and Communication Systems, ISPACS 2014	2014	Tiamsuphat, A., Prommee, P.	Prommee, P.	Telecom	1	Conference	International	Ultra-low distortion linearized pseudo-RC low-pass filter	IEEE International Conference on Electronics, Circuits and Systems	Elfaramawy, T., Rezaei, M., Morisette, M.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
289	Conference	International	First-order allpass network using CFTA	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Torteanchai, U., Kumngern, M.	Kumngern, M.	Telecom	3	Conference	International	Resistorless universal biquad filter based on digitally programmable current follower transconductance amplifier	International Conference on Mixed Design of Integrated Circuits and Systems	Malcher, A.
290	Conference	International	Fuzzy logic-based traffic incident detection system with discrete wavelet transform	2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2014	La-Inchua, J., Chivapreecha, S., Thajchayapong, S.	Chivapreecha, S.	Telecom	2	Journal	International	WATI: Warning of Traffic Incidents for Fuel Saving	Mobile Information Systems	Corcoba Magaña, V., Muñoz-Organero, M.
291	Conference	International	Improvement of fingerprinting technique for UWB indoor localization	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Vinicchayakul, W., Promwong, S.	Promwong, S.	Telecom	5	Journal	International	Non-GPS positioning systems: A survey	ACM Computing Surveys	Tariq, Z.B., Cheema, D.M., Kamran, M.Z., Naqvi, I.H.
292	Conference	International	Improvement of multiple loop antenna for near-field UHF RFID applications	IEEE IWEM 2014 - IEEE International Workshop on Electromagnetics: Applications and Student Innovation Competition	2014	Pansomboon, R., Phongcharoenpanich, C., Kawdungta, S.	Phongcharoenpanich, C.	Telecom	1	Conference	International	Segmented line array antenna for UHF near field RFID application	Asia-Pacific International Symposium on Electromagnetic Compatibility	Huang, C., Shen, L., Zhuang, W.
293	Conference	International	Joint iterative channel estimation and decoding under pulsed radio frequency interference condition	International Conference on Advanced Communication Technology, ICACT	2014	Insom, P., Liu, R., Duan, R., Hou, Y., Boonsrimuang, P.	Boonsrimuang, P.	Telecom	1	Conference	International	Efficient Semi-Blind Channel Estimators for SIMO Systems Suffering from Broadband RFI	IEEE International Conference on Ubiquitous Wireless Broadband	Getu, T.M., Ajib, W., Yeste-Ojeda, O.A.
294	Conference	International	Low complexity artificial neural network unit for sugar content detection in microwave sensor system	2014 Asia-Pacific Signal and Information Processing Association Annual Summit and Conference, APSIPA 2014	2014	Leekul, P., Soontornwong, P., Chivapreecha, S.	Chivapreecha, S.	Telecom	1	Conference	International	SEU susceptibility analysis of a feedforward neural network implemented in a SRAM-based FPGA	IEEE Latin-American Test Symposium	Lopes, I.C., Kastensmidt, F.L., Susin, A.A.
295	Conference	International	Miniaturized dual-band II-shaped monopole antennas with modified rectangular ground plane	2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2014	Chawanonphithak, Y., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	3	Conference	International	A compact printed inverted G-shaped monopole antenna for wireless applications	International Conference on Advanced Communication Control and Computing Technologies	Mohapatra, S., Panda, J.R., Sahu, S.
296	Conference	International	Polarization reconfigurable suspended antenna using RF switches and P-I-N diodes	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Boonying, K., Phongcharoenpanich, C., Kosulvit, S.	Phongcharoenpanich, C.	Telecom	13	Journal	International	Multi-Polarization Reconfigurable Antenna for Wireless Biomedical System	IEEE Transactions on Biomedical Circuits and Systems	Wong, H., Lin, W., Huitema, L., Arnaud, E.
297	Conference	International	Prediction of foF2 using Neural Network at Thailand equatorial latitude station, Chumphon	2014 11th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2014	Wichaipanich, N., Supnithi, P.	Supnithi, P.	Telecom	1	Conference	International	Preliminary vertical TEC prediction using neural network: Input data selection and preparation	International Conference on Space Science and Communication	Akir, R.M., Abdullah, M., Chellappan, K.
298	Conference	International	Tag antenna using printed dipole with H-slot for UHF RFID applications	2014 International Electrical Engineering Congress, IECON 2014	2014	Phatarachaisakul, T., Pumpoung, T., Phongcharoenpanich, C., Kosulvit, S.	Phongcharoenpanich, C.	Telecom	2	Journal	International	Uhf RFID tags for on/off-metal applications fabricated using additive manufacturing	IEEE Antennas and Wireless Propagation Letters	Ramirez, R.A., Rojas-Nastrucci, E.A., Weller, T.M.
299	Journal	International	Design of circularly polarized and electrically small antenna with omnidirectional radiation pattern	IEICE Transactions on Communications	2014	Lertsakwimarn, K., Phongcharoenpanich, C., Fukusako, T.	Phongcharoenpanich, C.	Telecom	1	Journal	International	A linearly and circularly polarized double-band cross spiral antenna	IEICE Transactions on Communications	Matsunaga, M.
300	Journal	International	Differential difference current conveyor using bulk-driven technique for ultra-low-voltage applications	Circuits, Systems, and Signal Processing	2014	Khateb, F., Kumngern, M., Spyridon, V., Psychalinos, C.	Kumngern, M.	Telecom	9	Journal	International	Sub 0.5-V bulk-driven LTA in 0.18 μ m CMOS	AEU - International Journal of Electronics and Communications	Kulej, T., Khateb, F.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
301	Journal	International	EXIT chart analysis of nonbinary protograph LDPC codes for partial response channels	IEEE Transactions on Magnetics	2014	Phakphisut, W., Supnithi, P., Puttarak, N.	Phakphisut, W./ Supnithi, P./ Puttarak, N.	Telecom	3	Conference	International	A design of voice communication system of electromagnetic filter in strong interference environment	International Conference on Intelligent Transportation, Big Data and Smart City	Jifeng, L., Rendong, L.
302	Journal	International	High-performance current-controlled CDCCC and its applications	Indian Journal of Pure and Applied Physics	2014	Prommee, P., Khateb, F.	Prommee, P.	Telecom	3	Journal	International	A systematic realization of third-order quadrature oscillator with controllable amplitude	AEU - International Journal of Electronics and Communications	Chen, H.-P., Hwang, Y.-S., Ku, Y.-T.
303	Journal	International	Low-latitude ionospheric height variation as observed by meridional ionosonde chain: Formation of ionospheric ceiling over the magnetic equator	Journal of Geophysical Research: Space Physics	2014	Maruyama, T., Uemoto, J., Ishii, M., Tsugawa, T., Supnithi, P., Komolmis, T.	Supnithi, P.	Telecom	3	Journal	International	Comparison of ionospheric profile parameters with IRI-2012 model over Jicamarca	Journal of Physics: Conference Series	Bello, S.A., Abdullah, M., Hamid, N.S.A., Reinisch, B.W.
304	Journal	International	Measurement and evaluation of radar cross section for furniture in an indoor propagation channel	Advances in Radio Science	2014	Maw, M.M., Supanakoon, P., Promwong, S., Takada, J.	Supanakoon, P./ Promwong, S.	Telecom	2	Journal	International	Radar classification of indoor targets using support vector machines	IET Radar, Sonar and Navigation	Bufler, T.D., Narayanan, R.M.
305	Journal	International	New versatile precision rectifier	IET Circuits, Devices and Systems	2014	Kumngern, M.	Kumngern, M.	Telecom	8	Journal	International	Realization of current-mode fully integrated full-wave rectifier	AEU - International Journal of Electronics and Communications	Başak, M.E., Kaçar, F.
306	Journal	International	PLI cancellation in ECG signal based on adaptive filter by using wiener-Hopf equation for providing initial condition	Computational and Mathematical Methods in Medicine	2014	Manosueb, A., Koseeyaporn, J., Wardkein, P.	Koseeyaporn, J./ Wardkein, P.	Telecom	1	Journal	International	Modified variational mode decomposition for power line interference removal in ECG signals	International Journal of Electrical and Computer Engineering	Mohan, N., Sachin Kumar, S., Poornachandran, P.
307	Journal	International	Rectangular ring antenna excited by circular disc monopole for Wimax system	International Journal of Antennas and Propagation	2014	Vongsack, S., Phongcharoenpanich, C., Kosulvit, S., Hamamoto, K., Wakabayashi, T.	Phongcharoenpanich, C.	Telecom	1	Conference	International	Bi-directional circular patch array antenna for WLAN applications	Joint International Conference on Digital Arts, Media and Technology	Rojanasaroch, K., Laohapensaeng, T.
308	Journal	International	Simplified genetic algorithm: Simplify and improve RGA for parameter optimizations	Advances in Electrical and Computer Engineering	2014	Ngamtawee, R., Wardkein, P.	Wardkein, P.	Telecom	2	Journal	International	Data classification with the genetic algorithm AGR	International Journal of Artificial Intelligence	Robu, R., Holban, S.
309	Conference	International	Performance of Log-MAP algorithm for graph-based detections on the 2-D interference channel	JICTEE 2014 - 4th Joint International Conference on Information and Communication Technology, Electronic and Electrical Engineering	2014	Sopon, T., Supnithi, P., Vichienchom, K.	Supnithi, P./ Vichienchom, K.	Telecom/Electronics	2	Conference	International	Layered generalized belief propagation detection on bpmr system with multi-Track processing	International Electrical Engineering Congress	Nokyotin, I., Koonkarnkhai, S., Wongtrairat, W.
310	Journal	International	ECCCL-based current-mode universal filter with orthogonal control of ω and Q	Radioengineering	2014	Kumngern, M., Khateb, F., Phasukkit, P., Tungjitkusolmun, S., Junnapiya, S.	Kumngern, M./ Phasukkit, P./ Tungjitkusolmun, S./ Junnapiya, S.	Telecom/Electronics/Electronics/Telecom	7	Conference	International	Single active parameter tunable simple band-pass filter: Methods for tunability range extension	International Conference on Mixed Design of Integrated Circuits and Systems	Sotner, R., Petrzela, J., Domansky, O., Langhammer, L., Dostal, T.
311	Conference	International	Predicting Conversion from Pyrolysis of Pongmia	Energy Procedia	2015	Lerkkasemsan, N.	Lerkkasemsan, N.	Chemical	1	Journal	International	A kinetic reaction model for biomass pyrolysis processes in Aspen Plus	Applied Energy	Peters, J.F., Banks, S.W., Bridgwater, A.V.
312	Journal	International	Adsorption of FFA, soap and glycerine in biodiesel using magnesium silicate	Chemical Engineering Transactions	2015	Assawasaengrat, P., Jintanavasan, P., Kitchaiya, P.	Assawasaengrat, P./ Kitchaiya, P.	Chemical	1	Journal	International	Adsorption of free fatty acid in biodiesel from palm fatty acid distillate using koh-Activated starch	Chemical Engineering Transactions	Ismaila, A., Saimon, N.N., Jusoh, M.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
313	Journal	International	Design of the integrated solid oxide fuel cell and molten carbonate fuel cell system to reduce carbon dioxide emissions	Chemical Engineering Transactions	2015	Jienkulsawad, P., Saebea, D., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	2	Journal	International	Control structure design of a solid oxide fuel cell and a molten carbonate fuel cell integrated system: Top-down analysis	Energy Conversion and Management	Jienkulsawad, P., Skogestad, S., Arpornwichanop, A.
314	Journal	International	Development of rotating tray dryer and study of the hot air flow pattern with computational fluid dynamics	Chemical Engineering Transactions	2015	Murathathunyaluk, S., Srisakwattana, N., Saksawad, T., Bumrunghaichai, E.	Murathathunyaluk, S.	Chemical	1	Conference	International	Preliminary Investigation of the Flow Distribution in an Innovative Intermittent Convective microwave Dryer (IMCD)	Energy Procedia	Welsh, Z., Kumar, C., Karim, A.
315	Journal	International	Effect of diluent polarity on membrane stability in the separation of trace Pd(II) from wastewater by HFSLM using LIX84-I	Journal of Industrial and Engineering Chemistry	2015	Wongkaew, K., Pancharoen, U., Phatanasri, S., Leepipatpiboon, N., Lothongkum, A.W.	Lothongkum, A.W.	Chemical	2	Journal	International	Highly efficient chiral separation of amlodipine enantiomers via triple recognition hollow fiber membrane extraction	Journal of Chromatography A	Lai, S., Tang, S., Xie, J., (...), Chen, X., Chen, C.
316	Journal	International	Enhanced antibacterial activity of NR latex gloves with raspberry-like PMMA-N,N,N-trimethyl chitosan pJournals	International Journal of Biological Macromolecules	2015	Arpornwichanop, T., Polpanich, D., Thiramanas, R., Suteewong, T., Tangboriboonrat, P.	Suteewong, T.	Chemical	3	Journal	International	Impact of Spatial Distribution of Charged Groups in Core Poly(N-isopropylacrylamide)-Based Microgels on the Resultant Composite Structures Prepared by Seeded Emulsion Polymerization of Styrene	Langmuir	Watanabe, T., Kobayashi, C., Song, C.
317	Journal	International	Evaluation of an integrated methane autothermal reforming and high-temperature proton exchange membrane fuel cell system	Energy	2015	Authayanun, S., Saebea, D., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	8	Journal	International	Dynamic modeling and control analysis of a methanol autothermal reforming and PEM fuel cell power system	Applied Energy	Ipsakis, D., Ouzounidou, M., Papadopoulou, S., Seferlis, P., Voutetakis, S.
318	Journal	International	Highly fluorescent sub 40-nm aminated mesoporous silica nanopJournals	Journal of Sol-Gel Science and Technology	2015	Suteewong, T., Ma, K., Drews, J.E., Werner-Zwanziger, U., Zwanziger, J., Wiesner, U., Bradbury, M.S.	Suteewong, T.	Chemical	4	Journal	International	Functional Group Coverage and Conversion Quantification in Nanostructured Silica by ¹ H NMR	Analytical Chemistry	Crucho, C.I.C., Baleizão, C., Farinha, J.P.S.
319	Journal	International	One-pot synthesis of organic-inorganic hybrid hollow latex pJournals via Pickering and seeded emulsion polymerizations	Colloid and Polymer Science	2015	Narongthong, J., Nuasaen, S., Suteewong, T., Tangboriboonrat, P.	Suteewong, T.	Chemical	4	Journal	International	Synthesis of opaque and colored hollow polymer pigments	Polymer Engineering and Science	Karakaya, E., Mavis, B., Gündüz, G.
320	Journal	International	Parametric analysis of a circulating fluidized bed biomass gasifier for hydrogen production	Energy	2015	Chutichai, B., Patcharavorachot, Y., Assabumrungrat, S., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	3	Journal	International	Cogeneration of power and H ₂ by steam gasification and syngas chemical looping of macroalgae	Applied Energy	Zaini, I.N., Nurdiawati, A., Aziz, M.
321	Journal	International	Possible connection between nodule development and presence of niobium and/or titanium during short time thermal oxidation of AISI 441 stainless steel in wet atmosphere	Materials at High Temperatures	2015	Wongpromrat, W., Parry, V., Charlot, F., Crisci, A., Laturmain, L., Chandra-Ambhorn, W., Chandra-	Wongpromrat, W./ Chandra-ambhorn, W.	Chemical	4	Journal	International	Development of the Scale Adhesion Assessment Using a Tensile Testing Machine Equipped with a CCD Camera	Oxidation of Metals	Nilsonthi, T., Issaard, W., Chandra-ambhorn, S.
322	Journal	International	Removal of steryl glucosides in palm oil based biodiesel using magnesium silicate and bleaching earth	Fuel	2015	Na-Ranong, D., Laungthaleongpong, P., Khambung, S.	Na-Ranong, D.	Chemical	5	Journal	International	The response surface optimization of steryl glucosides removal in palm biodiesel using silica adsorption	Fuel	Saeong, P., Saisriyoot, M., Thanapimmetha, A., Srinophakun, P.
323	Journal	International	Simulating the transport and chemical evolution of biomass burning pollutants originating from Southeast Asia during 7-SEAS/2010 Dongsha experiment	Atmospheric Environment	2015	Chuang, M.-T., Fu, J.S., Lin, N.-H., Lee, C.-T., Gao, Y., Wang, S.-H., Sheu, G.-R., Hsiao, T.-C., Wang, J.-L., Yen, M.-C., Lin, T.-	Thongboonchoo, N.	Chemical	3	Journal	International	Assessment of fire emission inventories for simulating particulate matter in Upper Southeast Asia using WRF-CMAQ	Atmospheric Pollution Research	Vongruang, P., Wongwises, P., Pimonsree, S.
324	Journal	International	Simulation of V₂O₅/TiO₂ catalyst activity by central composite design for optimal operating conditions and catalyst life	Journal of Industrial and Engineering Chemistry	2015	Lothongkum, A.W., Sethapokin, P., Ouraipryvan, P.	Lothongkum, A.W.	Chemical	1	Journal	International	Synthesis and study of the structural, optical and photocatalytic characteristics of V₂O₅/TiO₂ nanocomposites	Journal of Nano- and Electronic Physics	Khalyavka, T.A., Camyshan, S.V., Tsyba, N.N.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
325	Journal	International	The role of organic diluents in the aspects of equilibrium, kinetics and thermodynamic model for silver ion extraction using an extractant D2EHPA	Fluid Phase Equilibria	2015	Wongsawa, T., Sunsandee, N., Lothongkum, A.W., Pancharoen, U., Phatanasri, S.	Lothongkum, A.W.	Chemical	2	Journal	International	Separation and recovery of Pd(II) and Pt(II) from cyanide liquors of Pd-Pt flotation concentrate via solvent extraction	Journal of Chemical Technology and Biotechnology	Chen, M., Wu, S., Huang, Z., Chen, J., Chen, M.J.
326	Journal	International	Thermodynamic analysis of solid oxide fuel cell system using different ethanol reforming processes	International Journal of Hydrogen Energy	2015	Thanomjit, C., Patcharavorachot, Y., Ponpesh, P., Arpomwihanop, A.	Patcharavorachot, Y.	Chemical	7	Journal	International	Thermodynamic and energy analysis of renewable butanol-ethanol fuel reforming for the production of hydrogen	Journal of Environmental Chemical Engineering	Kumar, B., Kumar, S., Kumar, S.
327	Journal	International	Heat transfer enhancement of TiO ₂ /water nanofluid in a heat exchanger tube equipped with overlapped dual twisted-tapes	Engineering Science and Technology, an International Journal	2015	Eiamsa-ard, S., Kiatkittipong, K., Jedsadaratanachai, W.	Kiatkittipong, K./ Jedsadaratanachai, W.	Chemical/Mechanical	15	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
328	Journal	International	A stochastic multimodal reliable network design problem under adverse weather conditions	Journal of Advanced Transportation	2015	Uchida, K., Sumalee, A., Ho, H.W.	Sumalee, A.	Civil	1	Journal	International	Travel Time Reliability Estimation Model Using Observed Link Flows in a Road Network	Computer-Aided Civil and Infrastructure Engineering	Uchida, K.
329	Journal	International	An application of time-lag regression technique for assessment of groundwater fluctuations in a regulated river basin: a case study in Northeastern Thailand	Environmental Earth Sciences	2015	Seeboonruang, U.	Seeboonruang, U.	Civil	3	Journal	International	Groundwater depth prediction in a shallow aquifer in north China by a quantile regression model	Hydrogeology Journal	Li, F., Wei, W., Zhao, Y., Qiao, J.
330	Journal	International	Estimation of mean and covariance of stochastic multi-class OD demands from classified traffic counts	Transportation Research Part C: Emerging Technologies	2015	Shao, H., Lam, W.H.K., Sumalee, A., Hazelton, M.L.	Sumalee, A.	Civil	2	Journal	International	A Sequential Decomposition Framework and Method for Calibrating Dynamic Origin-Destination Demand in a Congested Network	IEEE Transactions on Intelligent Transportation Systems	Hu, X., Chiu, Y.-C., Villalobos, J.A., Nava, E.
331	Journal	International	Statistical approach for activity-based model calibration based on plate scanning and traffic counts data	Transportation Research Part B: Methodological	2015	Siripirote, T., Sumalee, A., Ho, H.W., Lam, W.H.K.	Sumalee, A.	Civil	1	Journal	International	Understanding heat patterns produced by vehicular flows in urban areas	Scientific Reports	Zhu, R., Wong, M.S., Guilbert, É.
332	Conference	International	SOA selection and replication based on QoS	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2015	Puntheeranurak, S., Chanpen, A.	Puntheeranurak, S.	Computer	2	Conference	International	Efficient load balancing using active replica management	International Conference on Applied System Innovation	Yang, J.-P.
333	Conference	International	The repeater system for visible light communication	Proceedings - 2015 7th International Conference on Information Technology and Electrical Engineering: Envisioning the Trend of	2015	Cherntanomwong, P., Namonta, P.	Cherntanomwong, P.	Computer	1	Conference	International	Simple, low cost micro-controller based data communication system using ambient light sensor for VLC	International Conference on Control Instrumentation Communication and Computational Technologies	Raquibuzzaman, M., Akbar, K.M.N., Uddin, M.M.
334	Journal	International	Optimum watermark detection of ultrasonic echo medical images	IEEE Transactions on Electrical and Electronic Engineering	2015	Khawne, A., Attachoo, B., Hamamoto, K.	Khawne, A./ Attachoo, B.	Computer	1	Journal	International	NSCT Domain Additive Watermark Detection Using RAO Hypothesis Test and Cauchy Distribution	Mathematical Problems in Engineering	Bi, H., Liu, Y., Wu, M.
335	Conference	International	A 1-V, 6-nW programmable 4th-order bandpass filter for biomedical applications	Conference Proceedings - 13th IEEE International NEW Circuits and Systems Conference, NEWCAS 2015	2015	Sundarasaradula, Y., Thanachayanont, A.	Thanachayanont, A.	Electronics	2	Journal	International	A Flipped Voltage Follower Second-Order Bandpass Filter	Journal of Circuits, Systems and Computers	Thanapitak, S., Pawarangoon, P., Sawiguu, C.
336	Conference	International	A novel algorithm for detection human falling from accelerometer signal using wavelet transform and neural network	Proceedings - 2015 7th International Conference on Information Technology and Electrical Engineering: Envisioning the Trend of	2015	Nuttaitanakul, N., Leauhatong, T.	Leauhatong, T.	Electronics	1	Conference	International	Human activity monitoring for falling detection. A realistic framework	International Conference on Indoor Positioning and Indoor Navigation	Baptista-Ríos, M., Martínez-García, C., Losada-Gutiérrez, C.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
337	Conference	International	American Sign Language recognition by using 3D geometric invariant feature and ANN classification	BMEiCON 2014 - 7th Biomedical Engineering International Conference	2015	Tangsuksant, W., Adhan, S., Pintavirooj, C.	Pintavirooj, C.	Electronics	2	Journal	International	A new algorithm for key frame extraction based on depth map using kinect	Communications - Scientific Letters of the University of Zilina	Sykora, P., Kamencay, P., Hudec, R., Benco, M.
338	Conference	International	An application of rate-adaptive RS-codes in wireless Body Area Network	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Khattiya, W., Choomchuay, S.	Choomchuay, S.	Electronics	1	Journal	International	Performance Analysis Method for IEEE 802.15.6 Based WBANs with Adaptive BCH Code Rates	Wireless Personal Communications	Quan, D.T., Hiep, P.T., Kohno, R.
339	Conference	International	Application of chicken eggshell waste as a starting material for synthesizing calcium niobate (Ca ₄ Nb ₂ O ₉) powder	Ceramics International	2015	Kamkum, P., Atiwongsangthong, N., Muanghlua, R., Vittayakorn, N.	Atiwongsangthong, N./ Muanghlua, R.	Electronics	2	Journal	International	Exploring the use of unprocessed waste chicken eggshells for UV-protective applications	Sustainability (Switzerland)	Fecheyr-Lippens, D., Nallapaneni, A., Shawkey, M.D.
340	Conference	International	Improvement of miniaturized olfactory display using electroosmotic pumps and SAW device	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2015	Ariyakul, Y., Nakamoto, T.	Ariyakul, Y.	Electronics	1	Journal	International	Towards disappearing user interfaces for ubiquitous computing: human enhancement from sixth sense to super senses	Journal of Ambient Intelligence and Humanized Computing	Hui, T.K.L., Sherratt, R.S.
341	Conference	International	The magnetotransistor for 2-axis magnetic field measurement in CMOS technology	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Leepattarapongpan, C., Phetchakul, T., Pengpad, P., Srihapat, A., Jeamsaksiri, W., Chaowicharat, E., Hruanun, C.	Phetchakul, T.	Electronics	1	Journal	International	Analysis and Modeling of One-Dimensional Folded Vertical Hall Sensor with Readout Circuit	IEEE Sensors Journal	Sung, G.-M., Wang, W.-Y., Yu, C.-P.
342	Journal	International	A 1-V, 330-nW, 6-Bit Current-Mode Logarithmic Cyclic ADC for ISFET-Based pH Digital Readout System	Circuits, Systems, and Signal Processing	2015	Thanachayanont, A.	Thanachayanont, A.	Electronics	1	Journal	International	A Wireless Body Sound Sensor with a Dedicated Compact Chipset	Circuits, Systems, and Signal Processing	Dong, J., Jiang, H., Yang, K.
343	Journal	International	High piezoelectric response in the new coexistent phase boundary of 0.87BaTiO ₃ -(0.13-x)BaZrO ₃ -xCaTiO ₃	Materials and Design	2015	Sutapun, M., Vittayakorn, W., Muanghlua, R., Vittayakorn, N.	Muanghlua, R.	Electronics	14	Journal	International	Lead-free (Ba,Ca)(Ti,Zr)O ₃ ceramics within the polymorphic phase region exhibiting large, fatigue-free piezoelectric strains	Materials and Design	Chaiyo, N., Cann, D.P., Vittayakorn, N.
344	Journal	International	Improvement in Paretic Arm Reach-to-Grasp following Low Frequency Repetitive Transcranial Magnetic Stimulation Depends on Object Size: A Pilot Study	Stroke Research and Treatment	2015	Tretriluxana, J., Kantak, S., Tretriluxana, S., Wu, A.D., Fisher, B.E.	Tretriluxana, S.	Electronics	2	Journal	International	Short- and Long-term Effects of Repetitive Transcranial Magnetic Stimulation on Upper Limb Motor Function after Stroke: A Systematic Review and Meta-Analysis	Clinical Rehabilitation	Zhang, L., Xing, G., Fan, Y.
345	Journal	International	MEMS based fiber optical microendoscopes	Displays	2015	Qiu, Z., Piyawattanametha, W.	Piyawattanametha, W.	Electronics	2	Journal	International	Optimization of the batch production of silicon fiber-top MEMS devices	Journal of Micromechanics and Microengineering	Rector, J.H., Slaman, M., Verdool, R.
346	Journal	International	MEMS-Based Medical Endomicroscopes	IEEE Journal on Selected Topics in Quantum Electronics	2015	Qiu, Z., Piyawattanametha, W.	Piyawattanametha, W.	Electronics	2	Journal	International	Parametric resonance of a repulsive force MEMS electrostatic mirror	Sensors and Actuators, A: Physical	Ozdogan, M., Daeichin, M., Ramini, A.
347	Journal	International	Novel p16 binding peptide development for p16-overexpressing cancer cell detection using phage display	Journal of Peptide Science	2015	Khemthongcharoen, N., Ruangpracha, A., Sarapukdee, P., Rattanavarin, S., Jolivot, R., Jarujareet, U., Plaimas, K.	Piyawattanametha, W.	Electronics	1	Journal	International	Tumor-targeting peptides from combinatorial libraries	Advanced Drug Delivery Reviews	Liu, R., Li, X., Xiao, W.
348	Journal	International	Real-time multianalyte biosensors based on interference-free multichannel monolithic quartz crystal microbalance	Biosensors and Bioelectronics	2015	Jaruwongrungrongsee, K., Waiwijit, U., Wisitsoraat, A., Sangworasil, M., Pintavirooj, C., Tuantranont, A.	Sangworasil, M./ Pintavirooj, C.	Electronics	6	Journal	International	A high-throughput QCM chip configuration for the study of living cells and cell-drug interactions	Analytical and Bioanalytical Chemistry	Shen, H., Zhou, T., Hu, J.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
349	Journal	International	Effects of Superheated Steam Fluidized Bed Drying on the Quality of Parboiled Germinated Brown Rice	Journal of Food Processing and Preservation	2015	Cheevitsopon, E., Noomhom, A.	Cheevitsopon, E.	Food	6	Journal	International	Numerical Simulation on Superheated Steam Fluidized Bed Drying at Different Operating Pressures	International Journal of Food Engineering	Zhifeng, X., Fan, Z., Lei, X., Jianhong, W., Nanxing, W.
350	Conference	International	3D inspection for HDD production process using laser light sectioning	Lecture Notes in Engineering and Computer Science	2015	Gulphanich, S., Nunak, N., Suesut, T.	Nunak, N./ Suesut, T.	Food/Instrument	2	Journal	International	An Area-Based Prior Value Method for Detection of Micro Contamination in Hard Disk Drives	IEEE Access	leamsaard, J. , Sandnes, F.E. , Muneesawang, P.
351	Conference	International	Thermal image resolution on angular emissivity measurements using infrared thermography	Lecture Notes in Engineering and Computer Science	2015	Nunak, T., Rakueangdet, K., Nunak, N., Suesut, T.	Nunak, N./ Suesut, T.	Food/Instrument	1	Conference	International	Combined thermal infrared and visual spectrum imaging novel methodology for astronauts' psychophysiological assessment. Verification for respiration rate determination	E-Health and Bioengineering Conference	Dinculescu, A., Vizitiu, C., Valeanu, V.
352	Conference	International	Evaluation of fall recovery and gait adaptation to medial and lateral gait perturbations	52nd Annual Rocky Mountain Bioengineering Symposium and 52nd International ISA Biomedical Sciences Instrumentation Symposium 2015	2015	Peterson, M.J., Jongprasithporn, M., Carey, S.L.	Jongprasithporn, M.	Industrial	2	Journal	International	Measuring the performer and performance	Scholarly Research for Musicians	Hardwick, D. , Carey, S. , Lazinski, M.
353	Journal	International	Phase-field crystal model for a diamond-cubic structure	Physical Journal E - Statistical, Nonlinear, and Soft Matter Physics	2015	Chan, V.W.L., Pisutha-Armond, N., Thornton, K.	Pisutha-Armond, N.	Industrial	2	Journal	International	Phase-field-crystal model for ordered crystals	Physical Review E	Alster, E. , Elder, K.R. , Hoyt, J.J.
354	Journal	International	Physical properties of Sn58Bi-xNi lead-free solder and its interfacial reaction with copper substrate	Materials and Design	2015	Kanlayasiri, K., Ariga, T.	Kanlayasiri, K.	Industrial	16	Journal	International	Study on the Reliability of Carbon Nanotube-Reinforced Sn-58Bi Lead-Free Solder Joints	Journal of Materials Engineering and Performance	Yang, L., Liu, H., Zhang, Y., Yu, H.
355	Conference	International	Analysis design and experimental verification of a quadratic boost converter	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2015	Tattiwong, K., Bunlaksananusorn, C.	Bunlaksananusorn, C.	Instrument	4	Conference	International	Quadratic flying-capacitor Boost Converter and comparative evaluation	International Future Energy Electronics Conference and ECCE Asia	Kundanam, K., Zhang, Y., Liu, J., Dong, Z., Li, X.
356	Conference	International	Design and optimization of a small-scale linear electromagnetic energy harvester	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Sudhawiyangkul, T., Isarakorn, D.	Isarakorn, D.	Instrument	1	Conference	International	Power electronic shunt control for increasing the maximum available damping force in electromagnetic dampers	IEEE/ASME International Conference on Advanced Intelligent Mechatronics	Kamali, S.H. , Moallem, M. , Arzanpour, S.
357	Conference	International	Flipping an engineering mathematics classroom for a large undergraduate class	Proceedings of IEEE International Conference on Teaching, Assessment and Learning for Engineering: Learning for the Future Now, TALE	2015	Gullayanon, R.	Gullayanon, R.	Instrument	2	Conference	International	Next generation classroom learning using mobile cloud computing	International Conference on Recent Trends and Challenges in Computational Models	Shalini Lakshmi, A.J. , Vijayalakshmi, M.
358	Conference	International	Piezoelectric energy harvesting from machine vibrations for wireless sensor system	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Panthongsy, P., Isarakorn, D., Sudhawiyangkul, T., Nundrakwang, S.	Isarakorn, D.	Instrument	3	Journal	International	Architecture of a hydroelectrically powered wireless sensor node for underground environmental monitoring	IET Wireless Sensor Systems	Mecocci, A. , Peruzzi, G. , Pozzebon, A.
359	Conference	International	The indoor use development for visible light communication	Lecture Notes in Engineering and Computer Science	2015	Chanthosot, P., Tipsuwanporn, V., Krongratana, V., Lilawatthananon, T.	Tipsuwanporn, V.	Instrument	1	Journal	International	Visible light communications for the implementation of internet-of-things	Optical Engineering	Chen, C.-W. , Wang, W.-C. , Wu, J.-T.
360	Conference	International	VDBA-based floating inductance simulator with a grounded capacitor	Proceedings - 2015 7th International Conference on Information Technology and Electrical Engineering: Envisioning the Trend of	2015	Channumsin, O., Pimpol, J., Thongsopa, C., Tangsirat, W.	Tangsirat, W.	Instrument	1	Journal	International	Electronically controllable grounded inductance simulators using single commercially available IC: LT1228	AEU - International Journal of Electronics and Communications	Siripongdee, S. , Jaikla, W.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
361	Journal	International	Harvesting energy from a rotating gear using an AFM-Like MEMS piezoelectric frequency up-converting energy harvester	Journal of Microelectromechanical Systems	2015	Janphuang, P., Lockhart, R.A., Isarakorn, D., Henein, S., Briand, D., De Rooij, N.F.	Isarakorn, D.	Instrument	4	Journal	International	Seesaw-structured triboelectric nanogenerator for scavenging electrical energy from rotational motion of mechanical systems	Sensors and Actuators, A: Physical	Qian, J., Wu, X., Kim, D.-S., Lee, D.-W.
362	Journal	International	Resistorless voltage-mode first-order allpass section using single current-controlled conveyor transconductance amplifier	Indian Journal of Pure and Applied Physics	2015	Budboonchu, J., Pukkalanun, T., Tangsrirat, W.	Pukkalanun, T./ Tangsrirat, W.	Instrument	2	Conference	International	Electronically Tunable Fractional Order All Pass Filter	IOP Conference Series: Materials Science and Engineering	Verma, R. , Pandey, N. , Pandey, R.
363	Journal	International	Single-current-controlled sinusoidal oscillator with current and voltage outputs using single current-controlled conveyor transconductance amplifier and grounded passive elements	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	2015	Tangsrirat, W., Channumsin, O., Pukkalanun, T.	Tangsrirat, W./ Pukkalanun, T.	Instrument	3	Journal	International	Dithering options for integrated relaxation oscillators	Revue Roumaine des Sciences Techniques Serie Electrotechnique et Energetique	Mihalache, Ş., Dumitru, F.-S., Florescu, A., Paşca, S.V.
364	Journal	International	Voltage-mode analog PID controller using a single Z-copy current follower transconductance amplifier (ZC-CFTA)	Informacije MIDEM	2015	Tangsrirat, W.	Tangsrirat, W.	Instrument	1	Journal	International	Design and analysis of high Transconductance Current Follower Transconductance Amplifier (CFTA) and its applications	Analog Integrated Circuits and Signal Processing	Kumari, S. , Gupta, M.
365	Journal	International	3D numerical study on flow structure and heat transfer in a circular tube with V-baffles	Chinese Journal of Chemical Engineering	2015	Jedsadaratanachai, W., Jayranaiwachira, N., Promvongse, P.	Jedsadaratanachai, W./ Jayranaiwachira, N./ Promvongse, P.	Mechanical	7	Journal	International	Three-Dimensional Turbulent Flow, Heat Transfer and Second-Law Analysis in a Circular Duct with Single Baffle	Iranian Journal of Science and Technology - Transactions of Mechanical Engineering	Kizilirmak, E., Turgut, O., Kizilirmak, G.O.
366	Journal	International	Effects of rib size and arrangement on forced convective heat transfer in a solar air heater channel	Heat and Mass Transfer/Waerme- und Stoffuebertragung	2015	Skullong, S., Thianpong, C., Promvongse, P.	Thianpong, C./ Promvongse, P.	Mechanical	3	Journal	International	Enhancement of heat transfer in a square channel by roughened surfaces in rib-elements and turbulent flow manipulation	International Journal of Numerical Methods for Heat and Fluid Flow	Jian, L., Xie, G., Sunden, B.A., Wang, L., Andersson, M.
367	Journal	International	Enhanced heat transfer in a heat exchanger square-duct with discrete V-finned tape inserts	Chinese Journal of Chemical Engineering	2015	Noothong, W., Suwannapan, S., Thianpong, C., Promvongse, P.	Thianpong, C./ Promvongse, P.	Mechanical	3	Journal	International	Experimental investigation on heat transfer and pumping power of forced circulation flat plate solar collector using heat transfer enhancer in absorber tube	Applied Thermal Engineering	Balaji, K., Iniyar, S., Muthusamyaswami, V.
368	Journal	International	Evaluation of the moisture content of Jatropha curcas kernels and the heating value of the oil-extracted residue using near-infrared spectroscopy	Biosystems Engineering	2015	Posom, J., Sirisomboon, P.	Sirisomboon, P.	Mechanical	3	Journal	International	Applications of near-infrared spectroscopy (NIRS) in biomass energy conversion processes: A review	Applied Spectroscopy Reviews	Skvaril, J., Kyprianidis, K.G., Dahlquist, E.
369	Journal	International	Heat transfer augmentation in a circular tube with winglet vortex generators	Chinese Journal of Chemical Engineering	2015	Chokphoemphun, S., Pimsarn, M., Thianpong, C., Promvongse, P.	Pimsarn, M./ Thianpong, C./ Promvongse, P.	Mechanical	8	Journal	International	Performance analysis and flow visualization in a round tube heat exchanger inserted with wavy V-ribs	Advances in Mechanical Engineering	Jedsadaratanachai, W., Boonloi, A.
370	Journal	International	Heat transfer enhancement by tapered twisted tape inserts	Chemical Engineering and Processing: Process Intensification	2015	Piriyarungrod, N., Eiamsa-ard, S., Thianpong, C., Pimsarn, M., Nanan, K.	Thianpong, C./ Pimsarn, M.	Mechanical	14	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
371	Journal	International	Heat transfer enhancement of turbulent channel flow by baffles with rectangular, triangular and trapezoidal upper edges	Journal of Engineering Thermophysics	2015	Chompookham, T., Eiamsa-ard, S., Promvongse, P.	Promvongse, P.	Mechanical	1	Journal	International	Numerical investigation of heat transfer and pressure drop of in-line array of heated obstacles cooled by jet impingement in cross-flow	Alexandria Engineering Journal	Maghrabie, H.M. , Attalla, M. , Fawaz, H.E.
372	Journal	International	Influences of total reduction of area on drawing stress and tube dimension in inner spiral ribbed copper tube sinking	International Journal of Advanced Manufacturing Technology	2015	Tangsrirat, T., Norasethasopon, S.	Norasethasopon, S.	Mechanical	1	Conference	International	Development of Inner-Grooved Tubes by Dieless Micro-Forming with Laser-Assisted Air Pressure	MATEC Web of Conferences	Cheng, C.-M. , Tu, M.-Z. , Teng, T.-P.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
373	Journal	International	Optimum airflow to reduce pJournal contamination inside welding automation machine of hard disk drive production line	International Journal of Precision Engineering and Manufacturing	2015	Thongsri, J., Pimsarn, M.	Pimsarn, M.	Mechanical	5	Conference	International	Feasibility Study for Installing Machine in Production Line to Avoid Particle Contamination Based on CFD Simulation	IOP Conference Series: Materials Science and Engineering	Khaokom, A., Thongsri, J.
374	Journal	International	Oxidation kinetics of small CI engine's biodiesel particulate matter	International Journal of Automotive Technology	2015	Karin, P., Borhanipour, M., Songsaengchan, Y., Laosuwan, S., Charoenphonphanich, C., Chollacoop, N., Hanamura, K.	Charoenphonphanich, C.	Mechanical	4	Journal	International	Experimental investigation into the oxidation reactivity and nanostructure of particulate matter from diesel engine fuelled with diesel/polyoxymethylene dimethyl ethers blends	Scientific Reports	Yang, H., Li, X., Wang, Y., (...), Li, X., Kou, G.
375	Journal	International	Sensory quality evaluation of rice using visible and shortwave near-infrared spectroscopy	International Journal of Food Properties	2015	Lapchareonsuk, R., Sirisomboon, P.	Sirisomboon, P.	Mechanical	3	Journal	International	Non-destructive evaluation of the internal fruit quality of black mulberry (Morus nigra L.) using visible-infrared spectroscopy and genetic algorithm	International Journal of Food Properties	Soltanikazemi, M., Abdanan Mehdizadeh, S., Heydari, M.
376	Journal	International	The microstructure length scale of strain rate sensitivity in ultrafine-grained aluminum	Journal of Materials Research	2015	Kammers, A.D., Wongsan-Ngam, J., Langdon, T.G., Daly, S.	Wongsan-Ngam, J.	Mechanical	1	Journal	International	Effect of symmetric and asymmetric rolling on the mechanical properties of AA5182	Materials and Design	Bintu, A., Vincze, G., Picu, R.C.
377	Journal	International	Thermal characterization in a circular tube fitted with inclined horseshoe baffles	Applied Thermal Engineering	2015	Promvong, P., Tamna, S., Pimsarn, M., Thianpong, C.	Promvong, P./ Pimsarn, M./ Thianpong, C.	Mechanical	4	Journal	International	Numerical study of winglets vortex generator effects on thermal performance in a circular pipe	International Journal of Thermal Sciences	Xu, Y., Islam, M.D., Kharoua, N.
378	Journal	International	Thermal performance assessment in a fin-and-oval-tube heat exchanger with delta winglet vortex generators	Journal of Mechanical Science and Technology	2015	Jedsadaratanachai, W., Boonloi, A.	Jedsadaratanachai, W.	Mechanical	2	Journal	International	An experimental study on the thermal and fouling characteristics in a washable shell and helically coiled heat exchanger by the Wilson plot method	Journal of Mechanical Science and Technology	Koo, K., Hwang, J., Hur, H.
379	Journal	International	Thermal performance in square-duct heat exchanger with quadruple V-finned twisted tapes	Applied Thermal Engineering	2015	Promvong, P.	Promvong, P.	Mechanical	14	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
380	Journal	International	Thermal performance of tubular heat exchanger with multiple twisted-tape inserts	Chinese Journal of Chemical Engineering	2015	Chokphoemphun, S., Pimsarn, M., Thianpong, C., Promvong, P.	Pimsarn, M./ Thianpong, C./ Promvong, P.	Mechanical	15	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
381	Journal	International	Turbulent forced convection in a heat exchanger square channel with wavy-ribs vortex generator	Chinese Journal of Chemical Engineering	2015	Boonloi, A., Jedsadaratanachai, W.	Jedsadaratanachai, W.	Mechanical	1	Journal	International	Turbulent heat transfer and nanofluid flow in a protruded ribbed square passage	Results in Physics	Kumar, S., Kothiyal, A.D., Bisht, M.S., Kumar, A.
382	Journal	International	Wear resistance of an ultrafine-grained Cu-Zr alloy processed by equal-channel angular pressing	Wear	2015	Li, J., Wongsan-Ngam, J., Xu, J., Shan, D., Guo, B., Langdon, T.G.	Wongsan-Ngam, J.	Mechanical	10	Journal	International	Wear behavior and microstructure of Mg-Sn alloy processed by equal channel angular extrusion	Materials	Chen, J.-H., Shen, Y.-C., Chao, C.-G., Liu, T.-F.
383	Conference	International	A PSPWM with variable frequency control for a two-output three-level series resonant inverter	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Meesrisuk, W., Jangwanitlert, A., Suwan-Ngam, W.	Jangwanitlert, A./ Suwan-Ngam, W.	Power	1	Conference	International	Angular velocity indirect determination device structure for the synchrophase electric drive	International Conference on Industrial Engineering, Applications and Manufacturing	Bubnov, A.V., Emashov, V.A., Chudinov, A.N.
384	Conference	International	A software tool for induced voltages and currents calculation caused by lightning electromagnetic field in PV systems	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Fuangfung, Y., Sinthusonthisat, S., Yutthagowith, P.	Yutthagowith, P.	Power	1	Journal	International	Degradation effects on single crystalline silicon photovoltaic modules subjected to high impulse-voltages	IET Science, Measurement and Technology	Naxakis, I., Christodoulou, C., Perraki, V., Pyrgioti, E.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
385	Conference	International	A study an impact of daylight with period time on illuminance and uniformity for building	Lecture Notes in Engineering and Computer Science	2015	Sripramong, S., Ananwattanaporn, S., Ngaopitakkul, A., Jettanasen, C.	Ngaopitakkul, A./ Jettanasen, C.	Power	1	Conference	International	Optimum Design Parameters of Box Window DSF Office at Different Glazing Types under Sub Interval of Intermediate Sky Conditions (20-40 klux)	E3S Web of Conferences	Elayeb, O.K. , Alghoul, M.A. , Sopian, K.
386	Conference	International	Characteristics and behaviour of transient current during lightning strikes on transmission tower	Lecture Notes in Engineering and Computer Science	2015	Lertwanitrot, P., Kettranan, P., Itthisathienkul, P., Ngaopitakkul, A.	Ngaopitakkul, A.	Power	1	Journal	International	Analysis of flashover induced by transient current during multiple lightning strokes on a train	International Review on Modelling and Simulations	Minja, K.M. , Chombo, P.V. , Promvichai, N.
387	Conference	International	Coordinated control of DFIG wind turbine and SVC for robust power system stabilization	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Uong, S., Ngamroo, I.	Ngamroo, I.	Power	1	Conference	International	Bio-inspired active attack for identification of networked control systems	International Conference on Bio-Inspired Information and Communications Technologies	De Sá, A.O. , Da Carmo, L.F.R.C. , Machado, R.C.S.
388	Conference	International	Design of active power controller of a BESS in AC microgrids	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Promptit, K., Khomfoi, S.	Khomfoi, S.	Power	1	Conference	International	Investigation on grid-scale BESS providing inertial response support	IEEE International Conference on Power System Technology	Alhejaj, S.M. , Gonzalez-Longatt, F.M.
389	Conference	International	Effect of training methods on the accuracy of PCA-KNN partial discharge classification model	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2015	Pattanadech, N., Nimsanong, P.	Pattanadech, N.	Power	1	Conference	International	A partial discharge pattern recognition method based on sparse decomposition	Zhongguo Dianji Gongcheng Xuebao/Proceedings of the Chinese Society of Electrical Engineering	Lü, F. , Xie, J. , Li, M.
390	Conference	International	Hierarchical control strategies in AC microgrids	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Khongkhachat, S., Khomfoi, S.	Khomfoi, S.	Power	2	Journal	International	Decentralized Load Sharing in a Low-Voltage Direct Current Microgrid with an Adaptive Droop Approach Based on a Superimposed Frequency	IEEE Journal of Emerging and Selected Topics in Power Electronics	Peyghami, S. , Mokhtari, H. , Blaabjerg, F.
391	Conference	International	Indirect vector control of induction motors using a PI-fuzzy controller with the simplified implementation without current sensors	Proceedings - 2015 7th International Conference on Information Technology and Electrical Engineering: Envisioning the Trend of	2015	Sakunwanthanasak, I., Boonsang, S.	Boonsang, S.	Power	1	Journal	International	Performance improvement of speed control for induction motor by using intelligent optimization technique	Journal of Theoretical and Applied Information Technology	Hussain, A.N. , Mohaisen, A.K.
392	Conference	International	Medium-term operation for an industrial customer considering demand side management and risk management	2015 IEEE/IAS 51st Industrial and Commercial Power Systems Technical Conference, I and CPS 2015	2015	Ding, Z., Sarikprueck, P., Lee, W.-J.	Sarikprueck, P.	Power	1	Conference	International	The bus-split method for residential load aggregation	IEEE/IAS 53rd Industrial and Commercial Power Systems Technical Conference,	Pijnenburg, P. , Saleh, S.A.
393	Conference	International	Performance evaluation of a single-phase grid connected induction generator	2014 17th International Conference on Electrical Machines and Systems, ICEMS 2014	2015	Yukhalang, S., Sawetsakulanond, B., Kinnares, V.	Kinnares, V.	Power	1	Conference	International	Performance evaluation as grid connected induction generator system of DC-Link using battery and photovoltaic panel	International Conference on Electrical Machines and Systems	Yukhalang, S.
394	Conference	International	Performance evaluation of single-phase PWM AC chopper fed three-phase induction motor	2014 17th International Conference on Electrical Machines and Systems, ICEMS 2014	2015	Phiphitsuonthon, B., Bumroongphuck, C., Promkhun, W., Kinnares, V.	Kinnares, V.	Power	3	Conference	International	Novel approach employing buck-boost converter as DC-link modulator and inverter as AC-chopper for induction motor drive applications: An alternative to conventional AC-DC-AC scheme	IEEE International Symposium on Industrial Electronics	Tekwani, P.N. , Manilal, P.V.
395	Conference	International	Practical design of a passive EMI filter for reduction of EMI generation	Lecture Notes in Engineering and Computer Science	2015	Jiraprasertwong, J., Jettanasen, C.	Jettanasen, C.	Power	1	Conference	International	High current EMI/EMC filters in fuel cell power converters for marine applications	International Conference on Electromagnetic Interference and Compatibility	Somaiah, B. , Kumar, S.
396	Conference	International	Soft starting control scheme for three-phase induction motor fed by PWM AC chopper	2014 17th International Conference on Electrical Machines and Systems, ICEMS 2014	2015	Thanyaphirak, V., Kinnares, V., Kunakorn, A.	Kinnares, V./ Kunakorn, A.	Power	2	Conference	International	Power conversion quality of AC buck voltage converter in comparison with SCR voltage converter	International Conference of Young Specialists on Micro/Nanotechnologies and Electron Devices	Gorbunov, R.L.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
397	Journal	International	Discontinuous SVPWM techniques of three-leg VSI-fed balanced two-phase loads for reduced switching losses and current ripple	IEEE Transactions on Power Electronics	2015	Charumit, C., Kinnares, V.	Kinnares, V.	Power	23	Journal	International	A Carrier-Based Implementation of Virtual Space Vector Modulation for Neutral-Point-Clamped Three-Level Inverter	IEEE Transactions on Industrial Electronics	Wang, J., Gao, Y., Jiang, W.
398	Journal	International	Energy savings analysis and harmonics reduction for the electronic ballast of T5 fluorescent lamp in a building's lighting system	Energy and Buildings	2015	Chiradeja, P., Ngaopitakkul, A., Jettanasen, C.	Ngaopitakkul, A./ Jettanasen, C.	Power	3	Journal	International	Harvesting daylight with LED or T5 fluorescent lamps? The role of dimming	Energy and Buildings	Doulos, L.T., Tsangrassoulis, A., Kontaxis, P.A., Kontadakis, A., Topalis, F.V.
399	Journal	International	Improvement in physical and electrical properties of poly(vinyl alcohol) hydrogel conductive polymer composites	Journal of Applied Polymer Science	2015	Phuchaduek, W., Jamnongkan, T., Rattanasak, U., Boonsang, S., Kaewpirom, S.	Boonsang, S.	Power	4	Journal	International	A mechanically strong conductive hydrogel reinforced by diaminotriazine hydrogen bonding	Chinese Journal of Polymer Science (English Edition)	Wu, Q., Xu, B., Wei, J.-J., (...), Wang, Q.-G., Liu, W.-G.
400	Journal	International	Intelligent photovoltaic farms for robust frequency stabilization in multi-area interconnected power system based on PSO-based optimal Sugeno fuzzy logic control	Renewable Energy	2015	Sa-ngawong, N., Ngamroo, I.	Ngamroo, I.	Power	15	Journal	International	Use of the genetic algorithm-based fuzzy logic controller for load-frequency control in a two area interconnected power system	Applied Sciences (Switzerland)	Cam, E., Gorel, G., Mamur, H.
401	Journal	International	Modeling of a switched reluctance generator using cubic spline coefficients on the phase flux linkage, inductance and torque equations	Advances in Electrical and Computer Engineering	2015	Kerdtuad, P., Kittiratsatcha, S.	Kittiratsatcha, S.	Power	2	Conference	International	FEM analysis and design of an electromechanical converter with dual stator windings and flexible wave rotor	International Conference on Development and Application Systems	Ungureanu, C., Irimia, D., Bobric, E.C.
402	Journal	International	Online critical clearing time estimation using an adaptive neuro-fuzzy inference system (ANFIS)	International Journal of Electrical Power and Energy Systems	2015	Phootrakornchai, W., Jiriwibhakorn, S.	Jiriwibhakorn, S.	Power	3	Journal	International	Comparison of an ANFIS and Fuzzy PID Control Model for Performance in a Two-Axis Inertial Stabilized Platform	IEEE Access	Liu, F., Wang, H., Shi, Q., (...), Zhang, M., Zhao, H.
403	Journal	International	PHEVs bidirectional charging/discharging and SoC control for microgrid frequency stabilization using multiple MPC	IEEE Transactions on Smart Grid	2015	Pahasa, J., Ngamroo, I.	Ngamroo, I.	Power	24	Journal	International	Optimisation of grid connected hybrid photovoltaic-wind-battery system using model predictive control design	IET Renewable Power Generation	Mbungu, N.T., Naidoo, R., Bansal, R.C., Bipath, M.
404	Journal	International	Power system oscillations damping by robust decentralized DFIG wind turbines	Journal of Electrical Engineering and Technology	2015	Surinkaew, T., Ngamroo, I.	Ngamroo, I.	Power	4	Journal	International	Conventional and fuzzy PODCs for DFIGbased wind farms and their impact on interarea and torsional oscillation damping	IET Renewable Power Generation	Ramirez-Gonzalez, M., Malik, O., Castellanos-Bustamante, R., Calderon-Guizar, G.
405	Conference	International	0.5-V bulk-driven second-generation current conveyor	ISCAIE 2014 - 2014 IEEE Symposium on Computer Applications and Industrial Electronics	2015	Kumngern, M., Khateb, F.	Kumngern, M.	Telecom	3	Journal	International	Low-voltage subthreshold CMOS current mode circuits: Design and applications	International Journal of Electronics and Communications	Eldeeb, M.A., Ghalib, Y.H., Ismail, Y., Elghitani, H.
406	Conference	International	A comparative study of ionospheric profile parameters B0 and B1 over Chumphon with IRI-2012	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Jamjareegulgarn, P., Supnithi, P., Wichaipanich, N., Ishii, M., Maruyama, T.	Supnithi, P.	Telecom	1	Journal	International	Variability of the bottomside B0 and B1 parameters of ionospheric electron density profile over Cyprus and comparison with IRI-2012 model	Advances in Space Research	Panda, S.K., Haralambous, H.
407	Conference	International	A floating memristor emulator circuit using operational transconductance amplifiers	Proceedings of the 2015 IEEE International Conference on Electron Devices and Solid-State Circuits, EDSSC 2015	2015	Kumngern, M.	Kumngern, M.	Telecom	2	Journal	International	Single DVCCTA based high frequency incremental/decremental memristor emulator and its application	International Journal of Electronics and Communications	Ranjan, R.K., Raj, N., Bhuwal, N.
408	Conference	International	A low-voltage and low-power multiple-input floating-gate FDCCII	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Kumngern, M., Khateb, F.	Kumngern, M.	Telecom	1	Conference	International	A technique to improve the transconductance in amplifiers	International Conference on Electrical Engineering, Computing Science and Automatic Control	Medina-Vazquez, A.S., Gurrola-Navarro, M.A., Bonilla-Barragan, C.A.

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง										ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง				
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการอ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
409	Conference	International	A memristor emulator circuit based on operational transconductance amplifiers	ECTI-CON 2015 - 2015 12th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and	2015	Kumngern, M., Moungnoul, P.	Kumngern, M./ Moungnoul, P.	Telecom	2	Journal	International	A novel flux-controlled memristive emulator for analog applications	Studies in Computational Intelligence	Alharbi, A.G. , Fouda, M.E. , Chowdhury, M.H.
410	Conference	International	A study on Ka-band site switching using advanced prediction for rain-induced attenuation	ISAP 2014 - 2014 International Symposium on Antennas and Propagation, Conference Proceedings	2015	Poolsawut, J., Limpiti, T., Puttarak, N.	Limpiti, T./ Puttarak, N.	Telecom	2	Journal	International	Time diversity evaluation for attenuation mitigation method using attenuation data in Thailand and Japan	International Journal of Satellite Communications and Networking	Chodkaveekityada, P. , Fukuchi, H.
411	Conference	International	Amplitude controllable current-mode first order allpass filter including minimum component count circuits	2015 38th International Conference on Telecommunications and Signal Processing, TSP 2015	2015	Chaichana, A., Kumngern, M., Siripruchyanun, M., Jaikla, W.	Kumngern, M.	Telecom	2	Conference	International	Cascadable first-order current-mode all-pass filter with electronic tuning	International Conference on Signal Processing and Communication	Kumar, A. , Chaturvedi, B.
412	Conference	International	Dual-band dual-pattern truncated-corners microstrip antenna for GPS and WiFi applications	Proceedings of the 20th Asia-Pacific Conference on Communication, APCC 2014	2015	Chan-Arpa, P., Denti, S., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	1	Conference	International	Antenna design for 4-sector node in WLAN applications	International Workshop on Computer Science and Engineering	Keeratipianlerd, K. , Uthansakul, P. , Monthippa, U.
413	Conference	International	Hata's path loss model calibration for prediction DTTV propagation in urban area of southern Thailand	IOP Conference Series: Materials Science and Engineering	2015	Keawbunsong, P., Supanakoon, P., Promwong, S.	Supanakoon, P./ Promwong, S.	Telecom	1	Journal	International	SISO to mmWave massive MIMO	mmWave Massive MIMO: A Paradigm for 5G	Zhang, D. , Mumtaz, S. , Huq, K.S.
414	Conference	International	Horizontally polarized omnidirectional antenna using octagonal dipole array for digital television reception	Proceedings of the 20th Asia-Pacific Conference on Communication, APCC 2014	2015	Osklang, P., Luadang, B., Phongcharoenpanich, C., Lamultree, S.	Phongcharoenpanich, C.	Telecom	1	Journal	International	Study of horizontally polarized omnidirectional microstrip antenna arrays	Radioengineering	Wei, K. , Li, J.-Y. , Wang, L.
415	Conference	International	Mixed K-means and GA-based weighted distance fingerprint algorithm for indoor localization system	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2015	Sunantasaengton, P., Chivapreecha, S.	Chivapreecha, S.	Telecom	4	Journal	International	Localization of double layer location system based on iBeacon network	Yingyong Kexue Xuebao/Journal of Applied Sciences	Yao, W.-Q., Zhang, J.-Y., Bao, S., Liang, B.
416	Conference	International	Modified beat segmentation for DTW based ECG compression	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2015	Chompusri, Y., Dejjan, K., Yimman, S., Charbkaew, N.	Dejjan, K.	Telecom	1	Conference	International	A novel cardiac arrhythmia detection method relying on improved DTW method	IEEE 2nd Advanced Information Technology, Electronic and Automation Control Conference,	Zhang, W. , Wang, J. , Zhang, X.
417	Conference	International	Pattern reconfigurable printed Yagi-Uda antenna	ISAP 2014 - 2014 International Symposium on Antennas and Propagation, Conference Proceedings	2015	Kittiyapunya, C., Krairiksh, M.	Krairiksh, M.	Telecom	2	Conference	International	Self-reconfigurable RFID reader antenna	IEEE International Conference on RFID	Nikitin, P.
418	Conference	International	Performance comparison between UWB and NB propagation models for an indoor localization	Proceedings of the 20th Asia-Pacific Conference on Communication, APCC 2014	2015	Vinicchayakul, W., Promwong, S.	Promwong, S.	Telecom	1	Journal	International	Non-GPS positioning systems: A survey	ACM Computing Surveys	Tariq, Z.B. , Cheema, D.M. , Kamran, M.Z.
419	Conference	International	Planar array antenna for WPT system at 2.4 GHz	ISAP 2014 - 2014 International Symposium on Antennas and Propagation, Conference Proceedings	2015	Pookkapund, K., Boonying, K., Denti, S., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	3	Conference	International	Survey on different RF harvesting systems	IEEE International Conference on Circuit, Power and Computing Technologies	Nair, S.S. , Suriyakala, C.D.
420	Conference	International	Printed antenna for HF- and UHF-RFID tag	ISAP 2014 - 2014 International Symposium on Antennas and Propagation, Conference Proceedings	2015	Phatarachaisakul, T., Pumpoung, T., Wongsiritorn, P., Pansonboon, R., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	2	Conference	International	A technique to narrow down radiation patterns of broad beam antenna operationally and its application to security gate to prevent shoplifting based on monopulse system	European Conference on Antennas and Propagation	Sakogawa, T. , Aoki, K. , Kuroki, F.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
421	Conference	International	Quadrature oscillator with independent frequency control using ECCILs	IEEE Region 10 Annual International Conference, Proceedings/TENCON	2015	Kumngern, M., Tuntrakool, S.	Kumngern, M.	Telecom	1	Journal	International	Recent Developments in Current-Mode Sinusoidal Oscillators: Circuits and Active Elements	Arabian Journal for Science and Engineering	Abuelma'atti, M.T.
422	Conference	International	Single-element control third-order quadrature oscillator using OTRAs	International Conference on ICT and Knowledge Engineering	2015	Kumngern, M., Kansiri, I.	Kumngern, M.	Telecom	1	Conference	International	Voltage mode third order quadrature oscillators using OTRAs	Analog Integrated Circuits and Signal Processing	Nagar, B.C. , Paul, S.K.
423	Conference	International	Study of a repeater Tx antenna concept of a portable device wireless battery charging system	Proceedings of the 20th Asia-Pacific Conference on Communication, APCC 2014	2015	Phaebua, K., Lertwiriayaprapa, T., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	4	Journal	International	A Simple Wireless Power Charging Antenna System: Evaluation of Ferrite Sheet	IEEE Transactions on Magnetics	Lee, W., Hong, Y.-K., Park, J., (...), Seong, W.-M., Park, S.-O.
424	Conference	International	Tunable PID controller based on log-domain circuits	2015 38th International Conference on Telecommunications and Signal Processing, TSP 2015	2015	Angkeaw, K., Prommee, T., Prommee, P.	Prommee, P.	Telecom	1	Conference	International	CMOS programmable P, PI, PD and PID controller circuit using CCTAs	International Conference on Electronics, Information, and Communications	Kumngern, M. , Torteanchai, U.
425	Journal	International	1 V Rectifier Based on Bulk-Driven Quasi-Floating-Gate Differential Difference Amplifiers	Circuits, Systems, and Signal Processing	2015	Khateb, F., Vlassis, S., Kumngern, M., Psychalinos, C., Kulej, T., Vrba, R., Fajcik, L.	Kumngern, M.	Telecom	5	Journal	International	Low voltage high bandwidth self-biased high swing cascode current mirror	Indian Journal of Pure and Applied Physics	Raj, N., Singh, A.K., Gupta, A.K.
426	Journal	International	A digitally programmable gain amplifier for ultra-low-power applications	Analog Integrated Circuits and Signal Processing	2015	Kumngern, M., Khateb, F., Kulej, T.	Kumngern, M.	Telecom	2	Journal	International	0.3-V bulk-driven programmable gain amplifier in 0.18- μ m CMOS	International Journal of Circuit Theory and Applications	Kulej, T. , Khateb, F.
427	Journal	International	A Support Vector Machine-Based PJournal Filter Method for Improved Flooding Classification	IEEE Geoscience and Remote Sensing Letters	2015	Insom, P., Cao, C., Boonsrimuang, P., Liu, D., Saokarn, A., Yomwan, P., Xu, Y.	Boonsrimuang, P.	Telecom	2	Journal	International	Mapping Plastic-Mulched Farmland with C-band full polarization SAR remote sensing data	Remote Sensing	Hasituya, Chen, Z., Li, F., Hongmei
428	Journal	International	An iterative TMR mitigation method based on readback signal for bit-patterned media recording	IEEE Transactions on Magnetics	2015	Busyatras, W., Warisarn, C., Myint, L.M.M., Supnithi, P., Kovintavewat, P.	Supnithi, P.	Telecom	2	Journal	International	Mitigation of TMR Using Energy Ratio and Bit-Flipping Techniques in Multitrack Multihead BPMP Systems	IEEE Transactions on Magnetics	Warisarn, C., Busyatras, W., Myint, L.M.M., Koonkarnkhai, S., Kovintavewat, P.
429	Journal	International	Comparison of e layer critical frequency over the Thai station Chumphon with IRI	Advances in Space Research	2015	Wongcharoen, P., Kenpankho, P., Supnithi, P., Ishii, M., Tsugawa, T.	Supnithi, P.	Telecom	1	Journal	International	On improvement in representation of foE in IRI	Advances in Space Research	Yang, Z., Ssessanga, N., Tran, L.T., Bilitza, D., Kenpankho, P.
430	Journal	International	Current-mode MISO filter using CCCDTAs and grounded capacitors	Indian Journal of Pure and Applied Physics	2015	Chaichana, A., Jantakun, A., Kumngern, M., Jaikla, W.	Kumngern, M.	Telecom	4	Journal	International	Electronically tunable SIMO mixed-mode universal filter using VDTAs [Elektroniczne strojony uniwersalny filtr SIMO wykorzystujący układy VDTA]	Przegląd Elektrotechniczny	Chamnanphai, V., Sa-Ngiamvibool, W.
431	Journal	International	Design of triple-band antenna using S-shaped patch fed by cross strip line for WLAN and WiMAX applications	IEEE Transactions on Electrical and Electronic Engineering	2015	Chawanonphithak, Y., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	4	Journal	International	Multiband Operation and Performance Enhancement of the PIFA Antenna by Using Particle Swarm Optimization and Overlapping Method	Applied Computational Intelligence and Soft Computing	Wakrim, L., Ibnyach, S., Hassani, M.M.
432	Journal	International	Digitally programmable low-voltage highly linear transconductor based on promising CMOS structure of differential difference current conveyor	AEU - International Journal of Electronics and Communications	2015	Khateb, F., Lahiri, A., Psychalinos, C., Kumngern, M., Kulej, T.	Kumngern, M.	Telecom	5	Journal	International	Low voltage high bandwidth self-biased high swing cascode current mirror	Indian Journal of Pure and Applied Physics	Raj, N., Singh, A.K., Gupta, A.K.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
433	Journal	International	Ionospheric delay gradient monitoring for GBAS by GPS stations near Suvarnabhumi airport, Thailand	Radio Science	2015	Rungraengwajaike, S., Supnithi, P., Saito, S., Siansawasdi, N., Saekow, A.	Supnithi, P.	Telecom	4	Journal	International	Ionospheric delay prediction and code-carrier divergence testing for GBAS using neural network and GPS L1	Aerospace Science and Technology	Sayim, I., Lang, H., Zhang, D.
434	Journal	International	Modified Fruit Fly Optimization Algorithm for Analysis of Large Antenna Array	International Journal of Antennas and Propagation	2015	Mhudtongon, N., Phongcharoenpanich, C., Kawdungta, S.	Phongcharoenpanich, C.	Telecom	1	Journal	International	A hybrid fruit fly algorithm for solving flexible job-shop scheduling to reduce manufacturing carbon footprint	Journal of Cleaner Production	Liu, Q., Zhan, M., Chekem, F.O.
435	Journal	International	Pascal-interpolation-based noninteger delay filter and low-complexity realization	Radioengineering	2015	Sootornwong, P., Chivapreecha, S.	Chivapreecha, S.	Telecom	1	Conference	International	Design simulations of odd-order variable filters utilizing the stabilized mathematical model	Communications in Computer and Information Science	Deng, T.-B.
436	Journal	International	Sub-volt fully balanced differential difference amplifier	Journal of Circuits, Systems and Computers	2015	Khateb, F., Kumngern, M., Vlassis, S., Psychalinos, C., Kulej, T.	Kumngern, M.	Telecom	6	Journal	International	Bulk-driven class AB fully-balanced differential difference amplifier	Analog Integrated Circuits and Signal Processing	Khateb, F., Vlassis, S., Kulej, T., Souliotis, G.
437	Journal	International	The estimation of GFR and ERPF using adaptive edge-based active contour for the segmentation of structures in dynamic renal scintigraphy	International Journal of Innovative Computing, Information and Control	2015	Suapang, P., Dejhan, K., Yimman, S.	Dejhan, K.	Telecom	1	Journal	International	Intelligent decision support system for medical radioisotope diagnostics with gamma-camera	Journal of Nano- and Electronic Physics	Dovbysh, A.S., Moskalenko, V.V., Rizhova, A.S.
438	Journal	International	Effect of anode-cathode exhaust gas recirculation on energy recuperation in a solid oxide fuel cell-gas turbine hybrid power system	Energy	2016	Saebea, D., Authayanun, S., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	7	Journal	International	Effects of fuel utilization on performance of SOFC/gas turbine combined power generation systems	Journal of Mechanical Science and Technology	Yi, J.H., Kim, T.S.
439	Journal	International	Hollow core-shell pJournals via NR latex seeded emulsion polymerization	Polymer (United Kingdom)	2016	Wichaita, W., Polpanich, D., Suteewong, T., Tangboriboonrat, P.	Suteewong, T.	Chemical	2	Journal	International	One-pot synthesis of non-spherical hollow latex polymeric particles via seeded emulsion polymerization	Polymer (United Kingdom)	Sudjaiaprapat, N., Kaewsaneha, C., Nuasaen, S.
440	Journal	International	Mass transfer resistance and response surface methodology for separation of platinum (IV) across hollow fiber supported liquid membrane	Journal of Industrial and Engineering Chemistry	2016	Wongkaew, K., Wannachod, T., Mohdee, V., Pancharoen, U., Arpornwichanop, A., Lothongkum, A.W.	Lothongkum, A.W.	Chemical	3	Journal	International	Study on the preparation and properties of Cu(II) molecularly imprinted membrane (Cu(II)/MIM/PVDF)	Desalination and Water Treatment	Yu, X., Kou, S., Yang, Q., (...), Wei, Y., Yao, B.
441	Journal	International	Methanol dehydration to dimethyl ether over strong-acid-modified diatomite catalysts	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	2016	Pranee, W., Neramittagapong, S., Assawasaengrat, P., Neramittagapong, A.	Assawasaengrat, P.	Chemical	2	Journal	International	An efficient heterogeneous fenton catalyst based on modified diatomite for degradation of cationic dye simulated wastewater	Desalination and Water Treatment	Pu, S., Xiang, C., Zhu, R.
442	Journal	International	Modeling and optimization of proton-conducting solid oxide electrolysis cell: Conversion of CO ₂ into value-added products	Journal of Power Sources	2016	Namwong, L., Authayanun, S., Saebea, D., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	1	Journal	International	Modeling protonic-ceramic fuel cells with porous composite electrodes in a button-cell configuration	Journal of the Electrochemical Society	Zhu, H., Kee, R.J.
443	Journal	International	Oil extracted from spent coffee grounds for bio-hydrolyzed diesel production	Energy Conversion and Management	2016	Phimsen, S., Kiatkittipong, W., Yamada, H., Tagawa, T., Kiatkittipong, K., Laosiripojana, N., Assabumrungrat, S.	Kiatkittipong, K.	Chemical	8	Journal	International	Recycled glass as a supplementary filler material in spent coffee grounds geopolymers	Construction and Building Materials	Arulrajah, A., Kua, T.-A., Horpibulsuk, S., Mirzababaei, M., Chinkulkijniwat, A.
444	Journal	International	Performance comparison of solid oxide steam electrolysis cells with/without the addition of methane	Energy Conversion and Management	2016	Patcharavorachot, Y., Thongdee, S., Saebea, D., Authayanun, S., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	6	Journal	International	Co-electrolysis of CO ₂ and H ₂ O in high-temperature solid oxide electrolysis cells: Recent advance in cathodes	Journal of Energy Chemistry	Zhang, X., Song, Y., Wang, G., Bao, X.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
445	Journal	International	Performance evaluation of low-temperature solid oxide fuel cells with SDC-based electrolyte	Chemical Engineering Transactions	2016	Saebea, D., Authayanun, S., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	1	Journal	International	Research on the test of fuel cell electric rail based on CANopen	Chemical Engineering Transactions	Li, H. , Ren, J.
446	Journal	International	Reduction of chromium volatilisation from stainless steel interconnector of solid oxide electrochemical devices by controlled preoxidation	Corrosion Science	2016	Wongpromrat, W., Berthomé, G., Parry, V., Chandrambhorn, S., Chandrambhorn, W., Pascal, C.,	Wongpromrat, W./ Chandrambhorn, W.	Chemical	3	Journal	International	Fabrication of (MnxCo1-x)3O4coated stainless steel AISI 430 by electrodeposition with AC+DC signals	Key Engineering Materials	Wiman, P., Thublaor, T., Witthayarunguengsri, O., Siripongsakul, T.
447	Journal	International	SOFc running on steam reforming of biogas: External and internal reforming	Chemical Engineering Transactions	2016	Authayanun, S., Pomjarungsak, T., Prukprapadung, T., Saebea, D., Arpornwichanop, A., Patcharavorachot, Y.	Patcharavorachot, Y.	Chemical	1	Journal	International	Oxidative conversion of methane of natural gas to oxygen containing compounds	Chemical Engineering Transactions	Tungatarova, S.A. , Baizhumanova, T.S. , Zheksenbaeva, Z.T.
448	Journal	International	A stochastic, two-level optimization model for compressed natural gas infrastructure investments in wastewater management	Journal of Natural Gas Science and Engineering	2016	U-tapao, C., Moryadee, S., Gabriel, S.A., Peot, C., Ramirez, M.	U-Tapao, C.	Civil	1	Conference	International	Study on the Impacts of the LNG Market Reform in China using a SVM based Rolling Horizon Stochastic Game Analysis	Energy Procedia	Zhang, Q. , Li, Y. , Li, H.
449	Journal	International	Impact assessment of climate change on groundwater and vulnerability to drought of areas in Eastern Thailand	Environmental Earth Sciences	2016	Seeboonruang, U.	Seeboonruang, U.	Civil	2	Journal	International	Modeling spatio-vertical distribution of sulfate and total sulfide along the mangrove intertidal zone	EnvironmentAsia	Chaikaew, P., Nawatraitat, N., Srithongouthai, S.
450	Journal	International	Structural equation model for construction equipment selection and contractor competitive advantages	KSCE Journal of Civil Engineering	2016	Samee, K., Pongpeng, J.	Pongpeng, J.	Civil	1	Conference	International	A Thematic Review of Main Researches on Construction Equipment over the Recent Years	Procedia Engineering	Naskoudakis, I. , Petroutsatou, K.
451	Conference	International	Machine vision for defect detection on the air bearing surface	Proceedings - 2016 IEEE International Symposium on Computer, Consumer and Control, IS3C 2016	2016	Kunakornvong, P., Sooraksa, P.	Sooraksa, P.	Computer	1	Journal	International	An Area-Based Prior Value Method for Detection of Micro Contamination in Hard Disk Drives	IEEE Access	leamsaard, J. , Sandnes, F.E. , Muneesawang, P.
452	Conference	International	Posturometry data transmission using visible light communication	2016 13th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2016	Luckyamo, Y.F., Chertanomwong, P., Wijaya, R.	Chertanomwong, P.	Computer	1	Conference	International	NI cDAQ based software-defined radio for visible light communication system	Workshop on Recent Trends in Telecommunications Research	Khalid, A. , Asif, H.M. , Nesruminallah
453	Conference	International	Predicting SET50 stock prices using CARIMA (Cross Correlation ARIMA)	ICSEC 2015 - 19th International Computer Science and Engineering Conference: Hybrid Cloud Computing: A New Approach for Big	2016	Wichaidit, S., Kittitornkun, S.	Kittitornkun, S.	Computer	2	Conference	International	Share market sectoral indices movement forecast with lagged correlation and association rule mining	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	Maji, G. , Sen, S. , Sarkar, A.
454	Conference	International	Surface Roughness Measurement Application Using Multi-frame Techniques	Proceedings - 2015 International Conference on Computer Application Technologies, CCATS 2015	2016	Leelawattananon, T., Thowladda, W., Chittayasothorn, S.	Chittayasothorn, S.	Computer	1	Journal	International	Angle Encoding Disk Surface Parameters Evaluation Using Conventional Laser Head: Initial Study	Mapan - Journal of Metrology Society of India	Dumbrava, V. , Pagodinas, D. , Juska, V.
455	Journal	International	Adaptive quantization via fuzzy classified priority mapping for liver ultrasound compression	International Journal of Innovative Computing, Information and Control	2016	Sombutkaew, R., Chitsobhuk, O., Praputtam, D., Ruangchaijatuporn, T.	Chitsobhuk, O.	Computer	2	Journal	International	Non-fragile control for interval type-2 TSK fuzzy logic control systems with time-delay	Journal of the Franklin Institute	Sun, X. , Zhang, H. , Han, J.
456	Journal	International	Storm eye identification using fuzzy inference system	International Journal of Innovative Computing, Information and Control	2016	Warunsin, K., Chitsobhuk, O.	Chitsobhuk, O.	Computer	1	Journal	International	Fuzzy-model-based admissibility analysis and output feedback control for nonlinear discrete-time systems with time-varying delay	Information Sciences	Chen, J. , Lin, C. , Chen, B.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการอ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
457	Conference	International	A Self-starting AC-to-DC Step-up Converter for Energy Harvesting Applications	Procedia Computer Science	2016	Choetchai, P., Thanachayanont, A.	Thanachayanont, A.	Electronics	2	Journal	International	Life cycle cost and sensitivity analysis of a hydrogen system using low-price electricity in China	International Journal of Hydrogen Energy	Li, Y. , Chen, D.W. , Liu, M.
458	Conference	International	Hand postures for evaluating trigger finger using leap motion controller	BMEiCON 2015 - 8th Biomedical Engineering International Conference	2016	Chophuk, P., Chumpen, S., Tungjitsukulmun, S., Phasukkit, P.	Tungjitsukulmun, S./ Phasukkit, P.	Electronics	2	Conference	International	Visuo-Somatosensory Interaction for Space Telescience of Fluid Experiments	International Conference on Soft Computing and Machine Intelligence	Yu, G. , Wang, Y. , Fu, T.
459	Conference	International	Low-voltage current-mode preamplifier based Latch comparator	2016 13th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2016	Jankatkit, T., Kasemsuwan, V.	Kasemsuwan, V.	Electronics	1	Journal	International	A 65 nm Design of 0.6 V/8.98 μ w process-voltage-Temperature aware dynamic analog comparator for high speed data reconstruction applications	Journal of Low Power Electronics	Majumder, A. , Mondal, A.J. , Bhattacharyya, B.K.
460	Conference	International	Medical image encryption based on DCT-DWT domain combining 2D-DataMatrix Barcode	BMEiCON 2015 - 8th Biomedical Engineering International Conference	2016	Nambutdee, A., Airphaiboon, S.	Airphaiboon, S.	Electronics	1	Journal	International	Low-power DCT-based compressor for wireless capsule endoscopy	Signal Processing: Image Communication	Shabani, A. , Timarchi, S.
461	Conference	International	Neural network controller based on PID using an extended Kalman filter algorithm for multi-variable non-linear control system	Proceedings of the 8th International Conference on Advanced Computational Intelligence, ICACI 2016	2016	Sento, A., Kitjaidure, Y.	Kitjaidure, Y.	Electronics	1	Conference	International	Realization of drill rectifying control for coal shearer based on an improved PID algorithm	IEEE International Conference on Mechatronics and Automation	Liu, T. , Du, Y. , Tong, M.
462	Conference	International	Optimal selection of mother wavelet for classifying human activities from acceleration signals	BMEiCON 2015 - 8th Biomedical Engineering International Conference	2016	Leauhatong, T., Nuttitanakul, N., Prapochanang, B.	Leauhatong, T.	Electronics	1	Conference	International	A study on motion mode identification for cyborg roaches	IEEE International Conference on Acoustics, Speech and Signal Processing	Cole, J. , Mohammadzadeh, F. , Bollinger, C.
463	Conference	International	Robot-arm control system using LEAP motion controller	BME-HUST 2016 - 3rd International Conference on Biomedical Engineering	2016	Pititeeraphab, Y., Choitkunnan, P., Thongpance, N., Kullathum, K., Pintavirooj, C.	Pintavirooj, C.	Electronics	1	Conference	International	VARM: Using virtual reality to program robotic manipulators	ACM International Conference Proceeding Series	Theofanidis, M. , Sayed, S.I. , Lioulemes, A.
464	Journal	International	An Improved PV Output Forecasting Model by Using Weight Function: A Case Study in Cambodia	International Journal of Photoenergy	2016	Kittisontirak, S., Bupi, A., Chinnavornrungssee, P., Sriprapha, K., Thajchayapong, P., Titiroongruang, W.	Titiroongruang, W.	Electronics	1	Journal	International	Optimal Site Selection for a Solar Power Plant in the Central Anatolian Region of Turkey	International Journal of Photoenergy	Akkas, O.P. , Erten, M.Y. , Cam, E.
465	Journal	International	Dielectric, ferroelectric and piezoelectric properties of the lead free $0.9\text{BaTiO}_3\text{-}(0.1-x)\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3-x\text{Bi}(\text{Mg}_{0.5}\text{Ti}_{0.5}\text{O})_3\text{solid}$	Ferroelectrics	2016	Mayamae, J., Sukkha, U., Niemchareon, S., Muanghlua, R., Vittayakorn, N.	Muanghlua, R.	Electronics	1	Journal	International	Lead-free $\text{Bi}(\text{Mg}_{0.5}\text{Ti}_{0.5}\text{O})_3\text{-}0.875\text{Bi}_{0.5}\text{ceramics}$ with tetragonal structure and large field-induced strains	AIP Advances	Li, L. , Zhu, M. , Ren, X.
466	Journal	International	High strain response of the $(1-x)(0.94\text{Bi}_{0.5}\text{Na}_{0.5}\text{TiO}_3-0.06\text{BaTiO}_3-x\text{BaSnO}_3)\text{lead free piezoelectric ceramics system}$	Ferroelectrics	2016	Janbua, J., Niemchareon, S., Muanghlua, R., Vittayakorn, N.	Muanghlua, R.	Electronics	2	Journal	International	Lead-free $\text{Bi}(\text{Mg}_{0.5}\text{Ti}_{0.5}\text{O})_3\text{-}0.875\text{Bi}_{0.5}\text{ceramics}$ with tetragonal structure and large field-induced strains	AIP Advances	Li, L. , Zhu, M. , Ren, X.
467	Journal	International	Rapid evaluation of the salt content of canned sardines in brine using near-infrared diffuse reflectance spectroscopy	Spectroscopy Letters	2016	Pornchaloempong, P., Sirisomboon, P., Pongkuan, S.	Pornchaloempong, P./ Sirisomboon, P.	Food/Mechanical	1	Journal	International	Comparative study of albumen pH and whole egg pH for the evaluation of egg freshness	Spectroscopy Letters	Dong, X. , Dong, J. , Peng, Y.
468	Journal	International	Effects of indium on the intermetallic layer between low-Ag SAC0307-xIn lead-free solders and Cu substrate	Journal of Alloys and Compounds	2016	Kanlayasiri, K., Sukpimai, K.	Kanlayasiri, K.	Industrial	7	Journal	International	Effect of indium addition on interfacial IMC growth and bending properties of eutectic Sn-0.7Cu solder joints	Journal of Materials Science: Materials in Electronics	Tian, S., Li, S., Zhou, J., (...), Cao, R., Wang, F.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
469	Conference	International	Automatic weighing machine for improving competitiveness of Thai SMEs in seafood cold storage business	2015 IEEE/SICE International Symposium on System Integration, SII 2015	2016	Nimsiriwangso, B., Kummool, S., Julseerewong, A., Ukakimaparn, P.	Kummool, S./ Julseerewong, A./ Ukakimaparn, P.	Instrument	2	Journal	International	Intelligent decision-making based on embedded DSP	Boletin Tecnico/Technical Bulletin	Cao, M.
470	Conference	International	Floating capacitance multiplier circuit using full-balanced voltage differencing buffered amplifiers (FB-VDBAs)	Lecture Notes in Engineering and Computer Science	2016	Pimpol, J., Channumsin, O., Tangsrirat, W.	Tangsrirat, W.	Instrument	1	Journal	International	Grounded capacitance multipliers based on active elements	AEU - International Journal of Electronics and Communications	Yesil, A. , Yuce, E. , Minaei, S.
471	Conference	International	Tunable capacitance multiplier with a single voltage differencing buffered amplifier	Lecture Notes in Engineering and Computer Science	2016	Unhavanich, S., Onjan, O., Tangsrirat, W.	Tangsrirat, W.	Instrument	1	Journal	International	Grounded capacitance multipliers based on active elements	AEU - International Journal of Electronics and Communications	Yesil, A. , Yuce, E. , Minaei, S.
472	Journal	International	Character classification framework based on support vector machine and k-nearest neighbour schemes	ScienceAsia	2016	Siriteerakul, T., Boonjing, V., Gullayanon, R.	Gullayanon, R.	Instrument	1	Journal	International	Comparison of machine learning methods for stationary wavelet entropy-based multiple sclerosis detection: Decision tree, k -nearest neighbors, and support vector machine	Simulation	Zhang, Y. , Lu, S. , Zhou, X.
473	Journal	International	Growth and characterizations of tin-doped nickel-phthalocyanine thin film prepared by thermal co-evaporation as a novel nanomaterial	Surface and Coatings Technology	2016	Kayunkid, N., Tamarugwattana, N., Mano, K., Rangkasikorn, A., Nukeaw, J.	Tamarugwattana, N.	Instrument	1	Journal	International	New development of membrane base optoelectronic devices	Polymers	Hamui, L. , Sánchez-Vergara, M.E. , Sánchez-Ruiz, R.
474	Erratum	International	Erratum: Heat transfer and turbulent flow friction in a round tube with staggered-winglet perforated tapes (Int. J. Heat Mass Transfer (2016) 95 (230-242) DOI:10.1016/j.ijheatmasstransfer.2015.12.007)	International Journal of Heat and Mass Transfer	2016	Skullong, S., Promvongse, P., Thianpong, C., Pimsarn, M.	Promvongse, P./ Thianpong, C./ Pimsarn, M.	Mechanical	1	Journal	International	Heat transfer enhancement of heat exchanger tube with multiple square perforated twisted tape inserts: Experimental investigation and correlation development	Chemical Engineering and Processing: Process Intensification	Suri, A.R.S. , Kumar, A. , Maithani, R.
475	Journal	International	3D Numerical study on the flow topology and heat transfer characteristics of turbulent forced convection in spirally corrugated tube	Numerical Heat Transfer; Part A: Applications	2016	Promthaisong, P., Jedsadaratanachai, W., Eiamsa-Ard, S.	Jedsadaratanachai, W.	Mechanical	3	Journal	International	Progress of passive enhanced heat transfer tubes	Xiandai Huagong/Modern Chemical Industry	ao, Z.-X., Wang, F., Qian, J.-Y., (...), Gao, X.-F., Jin, Z.-J.
476	Journal	International	Effect of self-entrainment and porous geometry on stability of premixed LPG porous burner	Applied Thermal Engineering	2016	Laphirattanakul, P., Laphirattanakul, A., Charoensuk, J.	Charoensuk, J.	Mechanical	2	Journal	International	Electrically heated 3D-macro cellular SiC structures for ignition and combustion application: This paper is dedicated to Prof. Dr. Mirosław Weclas, a co-author, colleague and friend who sadly passed away prior to	Applied Thermal Engineering	Falgenhauer, R. , Rambacher, P. , Schlier, L.
477	Journal	International	Experimental and numerical heat transfer investigation in turbulent square-duct flow through oblique horseshoe baffles	Chemical Engineering and Processing: Process Intensification	2016	Skullong, S., Thianpong, C., Jayranaiwachira, N., Promvongse, P.	Thianpong, C./ Jayranaiwachira, N./ Promvongse, P.	Mechanical	3	Journal	International	Developing heat transfer and pressure loss in an air passage with multi discrete V-blockages	Experimental Thermal and Fluid Science	Kumar, A., Chauhan, R., Kumar, R., (...), Kumar, A., Sharma, A.
478	Journal	International	Heat transfer and turbulent flow friction in a round tube with staggered-winglet perforated-tapes	International Journal of Heat and Mass Transfer	2016	Skullong, S., Promvongse, P., Thianpong, C., Pimsarn, M.	Promvongse, P./ Thianpong, C./ Pimsarn, M.	Mechanical	7	Journal	International	Numerical study of thermo-hydraulic characteristics in a circular tube with ball turbulators. Part 3: Thermal performance analysis	International Journal of Heat and Mass Transfer	Jasiński, P.B.
479	Journal	International	Heat transfer enhancement in tubular heat exchanger with double V-ribbed twisted-tapes	Case Studies in Thermal Engineering	2016	Tamna, S., Kaewkohkhat, Y., Skullong, S., Promvongse, P.	Promvongse, P.	Mechanical	6	Journal	International	Turbulent thermal, fluid flow and thermodynamic characteristics in a plain tube fitted with overlapped multiple twisted tapes	International Journal of Heat and Mass Transfer	Hong, Y., Du, J., Wang, S.
480	Journal	International	Minimally destructive assessment of mangosteen translucency based on electrical impedance measurements	Journal of Food Engineering	2016	Nakawajana, N., Terdwongworakul, A., Teerachaichayut, S.	Nakawajana, N.	Mechanical	1	Journal	International	Low-frequency characterisation of mesocarp electrical conductivity in different varieties of olives (Olea europaea L.)	Computers and Electronics in Agriculture	Justicia, M. , Madueño, A. , Ruiz-Canales, A.

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง										ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง				
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
481	Journal	International	Numerical and experimental investigations of heat transfer enhancement in circular tubes with transverse twisted-baffles	Heat and Mass Transfer/Waerme- und Stoffuebertragung	2016	Nanan, K., Piriyaungrod, N., Thianpong, C., Wongcharee, K., Eiamsa-ard, S.	Thianpong, C.	Mechanical	1	Journal	International	Influence of CuO/water nanofluid concentration and swirling flow on jet impingement cooling	International Communications in Heat and Mass Transfer	Wongcharee, K., Chuwattanakul, V., Eiamsa-ard, S.
482	Journal	International	Numerical investigation on turbulent forced convection and heat transfer characteristic in a square channel with discrete combined V-baffle and V-orifice	Case Studies in Thermal Engineering	2016	Boonloi, A., Jedsadaratanachai, W.	Jedsadaratanachai, W.	Mechanical	1	Journal	International	Optimizing discrete V obstacle parameters using a novel Entropy-VIKOR approach in a solar air flow channel	Renewable Energy	Sharma, A., Chauhan, R., Singh, T.
483	Journal	International	Rapid non-destructive evaluation of moisture content and higher heating value of Leucaena leucocephala pellets using near infrared spectroscopy	Energy	2016	Posom, J., Shrestha, A., Saechua, W., Sirisomboon, P.	Sirisomboon, P.	Mechanical	3	Journal	International	Authentication and inference of seal stamps on Chinese traditional painting by using multivariate classification and near-infrared spectroscopy	Chemometrics and Intelligent Laboratory Systems	Chen, Z., Gu, A., Zhang, X., Zhang, Z.
484	Journal	International	The force tracking control of electro-hydraulic system based on pJournal swarm optimization	International Journal of Innovative Computing, Information and Control	2016	Moonumca, P., Depaiwa, N.	Depaiwa, N.	Mechanical	1	Journal	International	Observer-based adaptive fuzzy tracking control of nonlinear systems with time delay and input saturation	Fuzzy Sets and Systems	Zhou, Q., Wu, C., Shi, P.
485	Journal	International	Thermal performance in solar air heater channel with combined wavy-groove and perforated-delta wing vortex generators	Applied Thermal Engineering	2016	Skullong, S., Promvong, P., Thianpong, C., Pimsarn, M.	Promvong, P./ Thianpong, C./ Pimsarn, M.	Mechanical	11	Journal	International	An experimental study of heat transfer enhancement in an air channel with broken multi type V-baffles	Heat and Mass Transfer/Waerme- und Stoffuebertragung	Kumar, A., Kumar, R., Maithani, R., (...), Kumar, S., Nadda, R.
486	Journal	International	Influence of three-start spirally twisted tube combined with triple-channel twisted tape insert on heat transfer enhancement	Chemical Engineering and Processing: Process Intensification	2016	Eiamsa-ard, S., Promthaisong, P., Thianpong, C., Pimsarn, M., Chuwattanakul, V.	Thianpong, C./ Pimsarn, M./ Chuwattanakul, V.	Mechanical/Mechanical/Food	9	Journal	International	Enhancing convective heat transfer in laminar and turbulent flow regions using multi-channel twisted tape inserts	International Journal of Thermal Sciences	Saysroy, A., Eiamsa-ard, S.
487	Conference	International	A Linear Program for System-Level Control of Regional PHEV Charging Stations	IEEE Transactions on Industry Applications	2016	Kulvanitchaiyanunt, A., Chen, V.C.P., Rosenberger, J., Sarikprueck, P., Lee, W.-J.	Sarikprueck, P.	Power	2	Conference	International	Optimal sizing of inverters and energy storage for power oscillation limiting in grid connected large scale Electric Vehicle park with renewable energy	IEEE Transportation and Electrification Conference and Expo	Eldeeb, H.H., Hariri, A.O., Lashway, C.R.
488	Conference	International	A Simulation Study of Inverter Air Conditioner Controlled to Supply Reactive Power	Procedia Computer Science	2016	Viriyutsahakul, W., Panacharoenwong, W., Pongpiriyakijkul, W., Kosolsaksakul, S., Nakawiro, W.	Nakawiro, W.	Power	2	Journal	International	Strength investigation of TETRIX for the safety of demonstration equipment of automatic control theory	ICIC Express Letters, Part B: Applications	Yamada, Y., Suzuki, R., Suzuki, T., Matsubara, M., Yamada, K.
489	Conference	International	Design and construction of a variable air-core inductor for lightning impulse current test on surge arresters	2016 33rd International Conference on Lightning Protection, ICLP 2016	2016	Tuethong, P., Yutthagowith, P., Maneerot, S.	Yutthagowith, P.	Power	1	Journal	International	Design of efficient air core inductors using a partial element equivalent circuit method	Progress In Electromagnetics Research M	Tal, N., Shatz, L., Morag, Y.
490	Conference	International	Dielectric breakdown strength of mineral oil based nanofluids	CMD 2016 - International Conference on Condition Monitoring and Diagnosis	2016	Muangpratoom, P., Pattanadech, N.	Pattanadech, N.	Power	1	Journal	International	Mineral oil based high permittivity CaCu ₃ Ti ₄ O ₁₂ (CCTO) nanofluids for power transformer application	IEEE Transactions on Dielectrics and Electrical Insulation	Prasath, R.T.A.R., Roy, N.K., Mahato, S.N.
491	Conference	International	Improving FRT capability and alleviating output power of DFIG wind turbine by SMES-FCL	2015 IEEE International Conference on Applied Superconductivity and Electromagnetic Devices, ASEMD 2015 - Proceedings	2016	Ngamroo, I.	Ngamroo, I.	Power	1	Conference	International	Low voltage ride through capability enhancement of DFIG-based wind turbine by a new topology of fault current limiter	International Conference on Electrical, Computer and Telecommunication Engineering	Khatun, M.F., Sheikh, M.R.I.
492	Conference	International	Optimal tuning of power system stabilizers by probability method	2016 13th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2016	Thanpisit, K., Ngamroo, I., Nakawiro, W.	Ngamroo, I./ Nakawiro, W.	Power	1	Conference	International	PSS tuning validation based on D-decomposition algorithm	IEEE Manchester PowerTech, Powertech	Tashchilin, V., Chusovitin, R.I.P., Pazderin, A.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
493	Conference	International	Ozone generator for prolonging fruits using a full-bridge inverter with high frequency transformer	2015 18th International Conference on Electrical Machines and Systems, ICEMS 2015	2016	Meesrisuk, W., Jangwanitlert, A.	Jangwanitlert, A.	Power	1	Conference	International	Analysis and design of resonant inverter for ozone generation	IEEE International Autumn Meeting on Power, Electronics and Computing	Juárez, M.A. , Vázquez, G. , Sosa, J.M.
494	Conference	International	Power quality analysis in light emitting diode lamps	Proceedings - 2016 17th International Scientific Conference on Electric Power Engineering, EPE 2016	2016	Ananwatanaporn, S., Ngaopitakkul, A.	Ngaopitakkul, A.	Power	2	Conference	International	Analysis of the current harmonics injected into the power grid by dimmable LED lamps	International Annual Conference: Sustainable Development in the Mediterranean Area, Energy and ICT Networks of the Future	Di Mauro, S. , Musumeci, S. , Raciti, A.
495	Conference	International	Ramp rate consideration of a BESS using active power control for PV generation	2015 18th International Conference on Electrical Machines and Systems, ICEMS 2015	2016	Promptit, K., Khomfoi, S.	Khomfoi, S.	Power	1	Conference	International	SOC management algorithm of battery energy storage system for PV ramp rate control	International Youth Conference on Energy	Kim, N.-K. , Cha, H.-J. , Seo, J.-J.
496	Journal	International	Coordinated Control of Wind Turbine Blade Pitch Angle and PHEVs Using MPCs for Load Frequency Control of Microgrid	IEEE Systems Journal	2016	Pahasa, J., Ngamroo, I.	Ngamroo, I.	Power	13	Journal	International	Power regulation and control of wind turbines: LMI-based output feedback approach	International Transactions on Electrical Energy Systems	Bayat, F., Bahmani, H.
497	Journal	International	Design of Optimal SMES Controller Considering SOC and Robustness for Microgrid Stabilization	IEEE Transactions on Applied Superconductivity	2016	Ngamroo, I., Vachirasirikul, S.	Ngamroo, I.	Power	2	Journal	International	Adaptive predictive control of a small capacity SMES unit for improved frequency control of a wind-diesel power system	IET Renewable Power Generation	Zargar, M.Y. , Ud-Din Mufti, M. , Lone, S.A.
498	Journal	International	Hierarchical Co-Ordinated Wide Area and Local Controls of DFIG Wind Turbine and PSS for Robust Power Oscillation Damping	IEEE Transactions on Sustainable Energy	2016	Surinkaew, T., Ngamroo, I.	Ngamroo, I.	Power	4	Journal	International	Hybrid Modulated Active Damping Control for DFIG-Based Wind Farm Participating in Frequency Response	IEEE Transactions on Energy Conversion	Geng, H., Xi, X., Liu, L., Yang, G., Ma, J.
499	Journal	International	Optimal Superconducting Coil Integrated into PV Generators for Smoothing Power and Regulating Voltage in Distribution System with PHEVs	IEEE Transactions on Applied Superconductivity	2016	Kreeumporn, W., Ngamroo, I.	Ngamroo, I.	Power	1	Journal	International	Coordinated control of superconducting fault current limiter and superconducting magnetic energy storage for transient performance enhancement of grid-connected photovoltaic generation system	Energies	Chen, L. , Chen, H. , Yang, J.
500	Journal	International	Optimization of SMES-FCL for Augmenting FRT Performance and Smoothing Output Power of Grid-Connected DFIG Wind Turbine	IEEE Transactions on Applied Superconductivity	2016	Ngamroo, I.	Ngamroo, I.	Power	1	Journal	International	Coordinated Control Strategies for SMES-Battery Hybrid Energy Storage Systems	IEEE Access	Lin, X. , Lei, Y.
501	Journal	International	Partial discharge inception voltage investigation of mineral oil: Effect of electrode configurations and oil conditions	IEEE Transactions on Dielectrics and Electrical Insulation	2016	Pattanadech, N., Muhr, M.	Pattanadech, N.	Power	1	Conference	International	Partial discharge inception voltage measurements of ester dielectric fluid for insulation diagnosis	International Youth Conference on Energy	Mohamed, M. , Bin Bakharazi, M.A.H. , Kitagawa, H.
502	Journal	International	Rogowski coil with a non-inverting integrator used for impulse current measurement in high-voltage tests	Electric Power Systems Research	2016	Yutthagowith, P.	Yutthagowith, P.	Power	1	Journal	International	A flexible self-integrating lightning current sensor based on a Rogowski coil	Revista de la Facultad de Ingenieria	Cui, L.-J. , Cao, Y.-L. , Guo, H.-H.
503	Conference	International	Automated classification of malaria parasite species on thick blood film using support vector machine	BMEICON 2015 - 8th Biomedical Engineering International Conference	2016	Pinkaew, A., Limpiti, T., Trirat, A.	Limpiti, T./ Trirat, A.	Telecom	4	Conference	International	Malaria Parasite Detection and Species Identification on Thin Blood Smears Using a Convolutional Neural Network	International Conference on Connected Health: Applications, Systems and Engineering Technologies	Penas, K.E.D., Rivera, P.T., Naval, P.C.
504	Conference	International	Dual-band RFID tag antenna with EBG for glass objects	Proceedings of the 2015 IEEE 4th Asia-Pacific Conference on Antennas and Propagation, APCAP 2015	2016	Phatarachaisakul, T., Pumpoung, T., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	1	Journal	International	Planar Shared Antenna Structure for NFC and UHF-RFID Reader Applications	IEEE Transactions on Antennas and Propagation	Wang, M.-S. , Guo, Y.-X. , Wu, W.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
505	Conference	International	Evaluation of ultra wideband indoor localization with trilateration and min-max techniques	2016 13th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2016	Monta, S., Promwong, S., Kingsakda, V.	Promwong, S.	Telecom	2	Conference	International	Design & development of location identification using RFID with WiFi positioning systems	International Conference on Ubiquitous and Future Networks	Deepika, K., Usha, J.
506	Conference	International	Weighted bit-flipping decoding for product LDPC codes	2016 13th International Conference on Electrical Engineering/Electronics, Computer, Telecommunications and Information Technology, ECTI-CON	2016	Khittiwitayakul, S., Phakphisut, W., Supnithi, P.	Phakphisut, W./ Supnithi, P.	Telecom	1	Journal	International	A novel soft reliability-based iterative majority-logic decoding algorithm with uniform quantization	Optoelectronics Letters	Yuan, J.-G., Wang, Z., He, C.-W.
507	Journal	International	0.5 V fully differential current conveyor using bulk-driven quasi-floating-gate technique	IET Circuits, Devices and Systems	2016	Kumngern, M., Khateb, F.	Kumngern, M.	Telecom	2	Journal	International	Analysis of the effect of channel leakage on design, characterization and modelling of a high voltage pseudo-floating gate sensor-front-end	Electronics (Switzerland)	Marchetti, L., Berg, Y., Azadmehr, M.
508	Journal	International	A 2.4-GHz dual polarized suspended square plate rectenna with inserted annular rectangular ring slot	International Journal of RF and Microwave Computer-Aided Engineering	2016	Phongcharoenpanich, C., Boonying, K.	Phongcharoenpanich, C.	Telecom	1	Journal	International	A novel rectifying circuit for microwave power harvesting system	International Journal of RF and Microwave Computer-Aided Engineering	Mousa Ali, E., Yahaya, N.Z., Nallagownden, P.
509	Journal	International	A Voltage-Mode Universal Biquadratic Filter Using DDCCTA	Journal of Circuits, Systems and Computers	2016	Phatsornsiri, P., Kumngern, M., Lamun, P.	Kumngern, M.	Telecom	3	Journal	International	A Low-Power Mixed-Mode SIMO Universal Gm-C Filter	Journal of Circuits, Systems and Computers	Parvizi, M., Taghizadeh, A., Mahmoodian, H., Kozehkanani, Z.D.
510	Journal	International	Dusk-side enhancement of equatorial zonal electric field response to convection electric fields during the St. Patrick's Day storm on 17 March 2015	Journal of Geophysical Research A: Space Physics	2016	Tulasi Ram, S., Yokoyama, T., Otsuka, Y., Shiokawa, K., Sripathi, S., Veenadhari, B., Heelis, R., Ajith, K.K., Gowtam,	Supnithi, P.	Telecom	32	Journal	International	Dynamics of ionospheric disturbances during the 17–19 March 2015 geomagnetic storm over East Asia	Advances in Space Research	Polekh, N., Zolotukhina, N., Kurkin, V., (...), Wang, G., Wang, Z.
511	Journal	International	Iterative GA optimization scheme for synthesis of radiation pattern of linear array antenna	International Journal of Antennas and Propagation	2016	Todnatee, S., Phongcharoenpanich, C.	Phongcharoenpanich, C.	Telecom	1	Journal	International	Synthesizing Asymmetric Side Lobe Pattern with Steered Nulling in Nonuniformly Excited Linear Arrays by Controlling Edge Elements	International Journal of Antennas and Propagation	Mohammed, J.R., Sayidmarie, K.H.
512	Journal	International	Low-voltage low-power bulk-driven analog median filter	AEU - International Journal of Electronics and Communications	2016	Khateb, F., Kumngern, M., Dabbous, S.B.A., Kulej, T.	Kumngern, M.	Telecom	1	Journal	International	Design of a low voltage low power self-biased OTA using independent gate FinFET and PTM models	AEU - International Journal of Electronics and Communications	Shirazi, M., Hassanzadeh, A.
513	Journal	International	Nondestructive Determination of the Maturity of the Durian Fruit in the Frequency Domain Using the Change in the Natural Frequency	IEEE Transactions on Antennas and Propagation	2016	Tantisopharak, T., Moon, H., Youryon, P., Bunya-Athichart, K., Krairiksh, M., Sarkar, T.K.	Krairiksh, M.	Telecom	1	Journal	International	Application of Natural Frequencies for Prediction of Apple Texture Based on Partial Least Squares Regression	International Journal of Food Engineering	Hou, J., Sun, Y., Chen, F., (...), Wang, M., Mao, Q.
514	Journal	International	Design and evaluation of the sorption enhanced steam reforming and solid oxide fuel cell integrated system with anode exhaust gas recirculation for combined heat and power generation	Chemical Engineering Transactions	2017	Wiranarongkorn, K., Im-Orb, K., Ponpesh, P., Patcharavorachot, Y., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	2	Journal	International	Study on insulation state detection of electrical equipment in power plant	Chemical Engineering Transactions	Cui, W., Wu, X.
515	Journal	International	Exergoeconomics of hydrogen production from biomass air-steam gasification with methane co-feeding	Energy Conversion and Management	2017	Nakyai, T., Authayanun, S., Patcharavorachot, Y., Arpornwichanop, A., Assabumrungrat, S., Saebea, D.	Patcharavorachot, Y.	Chemical	2	Journal	International	Kinetic characterizations of biomass char CO ₂ -gasification reaction within granulated blast furnace slag	International Journal of Hydrogen Energy	Yao, X., Yu, Q., Wang, K.
516	Journal	International	Fuzzy logic-based predictive model for biomass pyrolysis	Applied Energy	2017	Lerkkasemsan, N.	Lerkkasemsan, N.	Chemical	5	Journal	International	The effects of potassium on distributions of bio-oils obtained from fast pyrolysis of agricultural and forest biomass in a fluidized bed	Applied Energy	Zhang, H., Ma, Y., Shao, S., Xiao, R.

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ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
517	Journal	International	Optimal design of different reforming processes of the actual composition of bio-oil for high-temperature PEMFC systems	International Journal of Hydrogen Energy	2017	Authayanun, S., Saebea, D., Patcharavorachot, Y., Assabumrungrat, S., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	2	Journal	International	Thermodynamic study for hydrogen production from bio-oil via sorption-enhanced steam reforming: Comparison with conventional steam reforming	International Journal of Hydrogen Energy	Xie, H. , Yu, Q. , Lu, H.
518	Journal	International	Performance analysis of solid-oxide electrolysis cells for syngas production by H ₂ /CO ₂ -electrolysis	Chemical Engineering Transactions	2017	Saebea, D., Authayanun, S., Patcharavorachot, Y., Soisuwan, S., Assabumrungrat, S., Arpornwichanop, A.	Patcharavorachot, Y.	Chemical	1	Journal	International	On the influence of inlet distortion on syngas compressor for coal chemical industry	Chemical Engineering Transactions	Li, Y. , Zhang, H.
519	Journal	International	Performance and environmental study of a biogas-fuelled solid oxide fuel cell with different reforming approaches	Energy	2017	Chatrattanawet, N., Saebea, D., Authayanun, S., Arpornwichanop, A., Patcharavorachot, Y.	Patcharavorachot, Y.	Chemical	1	Journal	International	Numerical investigations to determine the optimal operating conditions for 1 kW-class flat-tubular solid oxide fuel cell stack	Energy	Rashid, K. , Dong, S.K. , Mehran, M.T.
520	Conference	International	A 6-bit, two-step, successive approximation logarithmic ADC for biomedical applications	2016 IEEE International Conference on Electronics, Circuits and Systems, ICECS 2016	2017	Sundarasaradula, Y., Constandinou, T.G., Thanachayanont, A.	Thanachayanont, A.	Electronics	1	Conference	International	Evaluation of logarithmic vs. linear ADCs for neural signal acquisition and reconstruction	International Conference of the IEEE Engineering in Medicine and Biology Society, EMBS	Pagin, M. , Ortmanns, M.
521	Conference	International	An intelligent system architecture for meal assistant robotic arm	2017 9th International Conference on Knowledge and Smart Technology: Crunching Information of Everything, KST 2017	2017	Sento, A., Srisuk, P., Kitjaidure, Y.	Kitjaidure, Y.	Electronics	1	Journal	International	Research on visual image processing of mobile robot based on OpenCV	Journal of Computers (Taiwan)	Zhang, S.-J. , Lei-Zhang , Gao, R.
522	Conference	International	Stress and office-syndrome detection using EEG, HRV and hand movement	BMEiCON 2016 - 9th Biomedical Engineering International Conference	2017	Reanaree, P., Tananchana, P., Narongwongwathana, W., Pintavirooj, C.	Pintavirooj, C.	Electronics	2	Journal	International	System to Recommend the Best Place to Live Based on Wellness State of the User Employing the Heart Rate Variability	IEEE Access	Lacuesta, R. , Garcia, L. , Garcia-Magarino, I.
523	Journal	International	Effect of Sn content on the dielectric and piezoelectric properties of the ternary system (0.975-y)BaTiO ₃ -0.025SrTiO ₃ -yBaSnO ₃	Journal of Materials Science	2017	Mayamae, J., Vittayakorn, W., Muanghlua, R., Woramongkolchai, S., Vittayakorn, N.	Muanghlua, R.	Electronics	1	Journal	International	Lead-free (Ba,Ca)(Ti,Zr)O ₃ ceramics within the polymorphic phase region exhibiting large, fatigue-free piezoelectric strains	Materials and Design	Chaiyo, N. , Cann, D.P. , Vittayakorn, N.
524	Conference	International	Shrinking instability of toroidal droplets	Proceedings of the National Academy of Sciences of the United States of America	2017	Fragkopoulos, A.A., Pairem, E., Berger, E., Segre, P.N., Fernandez-Nieves, A.	Pairem, E.	Food	1	Journal	International	Charge-Induced Saffman-Taylor Instabilities in Toroidal Droplets	Physical Review Letters	Fragkopoulos, A.A. , Aizenman, A. , Fernández-Nieves, A.
525	Journal	International	Heat transfer of swirling impinging jets with TiO ₂ -water nanofluids	Chemical Engineering and Processing: Process Intensification	2017	Wongcharee, K., Chuwattanakul, V., Eiamsa-ard, S.	Chuwattanakul, V.	Food	2	Journal	International	Effect of multiple arc protrusion ribs on heat transfer and fluid flow of a circular-jet impingement solar air passage	Chemical Engineering and Processing: Process Intensification	Nadda, R., Maithani, R., Kumar, A.
526	Conference	International	Adaptive artificial bee colony algorithm for solving the capacitated vehicle routing problem	2017 9th International Conference on Knowledge and Smart Technology: Crunching Information of Everything, KST 2017	2017	Mingprasert, S., Masuchun, R.	Masuchun, R.	Industrial	1	Conference	International	ABCGA Algorithm for the Two Echelon Vehicle Routing Problem	IEEE International Conference on Computational Science and Engineering and IEEE/IFIP International Conference on	Zhong, X. , Jiang, S. , Song, H.
527	Conference	International	An ant colony optimization method for the capacitated vehicle routing problem with stochastic demands	20th International Computer Science and Engineering Conference: Smart Ubiquitous Computing and Knowledge, ICSEC 2016	2017	Janjarassuk, U., Masuchun, R.	Janjarassuk, U./ Masuchun, R.	Industrial	1	Conference	International	ABCGA Algorithm for the Two Echelon Vehicle Routing Problem	IEEE International Conference on Computational Science and Engineering and IEEE/IFIP International Conference on	Zhong, X. , Jiang, S. , Song, H.
528	Journal	International	Robust and efficient membership management in large-scale dynamic networks	Future Generation Computer Systems	2017	Poonpakdee, P., Di Fatta, G.	Poonpakdee, P.	Industrial	1	Journal	International	Cyber-physical systems, internet of things and big data	Future Generation Computer Systems	Ochoa, S.F. , Fortino, G. , Di Fatta, G.

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง										ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง				
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
529	Journal	International	A novel clamp-mode coupled-inductor boost converter with high step-up voltage gain	Journal of Electrical Engineering and Technology	2017	Tattiwong, K., Bunlaksananusorn, C.	Bunlaksananusorn, C.	Instrument	1	Journal	International	An efficient and high-gain inverter based on the 3S inverter employs model predictive control for PV applications	Journal of Electrical Engineering and Technology	Abdel-Rahim, O. , Funato, H. , Junnosuke, H.
530	Journal	International	A step-down switched-capacitor AC-DC converter with double conversion topology	International Journal of Innovative Computing, Information and Control	2017	Abe, K., Smerpitak, K., Pongswatd, S., Oota, I., Eguchi, K.	Smerpitak, K./ Pongswatd, S.	Instrument	5	Journal	International	Event-triggered H [∞] filtering of continuous-time switched linear systems	Signal Processing	Xiao, X., Zhou, L., Lu, G.
531	Journal	International	Synthetic Grounded Lossy Inductance Simulators Using Single VDIBA	IETE Journal of Research	2017	Tangsrirat, W.	Tangsrirat, W.	Instrument	1	Journal	International	Minimum passive components based lossy and lossless inductor simulators employing a new active block	AEU - International Journal of Electronics and Communications	Mohammad, F. , Sampe, J. , Shireen, S.
532	Journal	International	Combustion characteristics of hydrotreated vegetable oil – diesel blend under EGR and supercharged conditions	International Journal of Automotive Technology	2017	Ewphun, P.-P., Vo, C.T., Srichai, P., Charoenphonphanich, C., Sato, S., Kosaka, H.	Charoenphonphanich, C.	Mechanical	1	Journal	International	Hydro treated vegetable oil derived renewable diesel: A technical review	International Journal of Mechanical Engineering and Technology	Ramanathan, P. , Srinivas, V. , Sivaram, A.R.
533	Journal	International	Development of porous media burner operating on waste vegetable oil	Applied Thermal Engineering	2017	Lapirattanakun, A., Charoensuk, J.	Charoensuk, J.	Mechanical	2	Journal	International	Thermo-physical properties of waste cooking oil-based nanofluids	Applied Thermal Engineering	Li, W., Zou, C., Li, X.
534	Journal	International	Evaluation of lower heating value and elemental composition of bamboo using near infrared spectroscopy	Energy	2017	Posom, J., Sirisomboon, P.	Sirisomboon, P.	Mechanical	1	Journal	International	Prediction of higher heating values of plant biomass from ultimate analysis data	Journal of Thermal Analysis and Calorimetry	Bychkov, A.L. , Denkin, A.I. , Tikhova, V.D.
535	Journal	International	Heat transfer characterization in a tubular heat exchanger with V-shaped rings	Applied Thermal Engineering	2017	Chingtuaythong, W., Promvongse, P., Thianpong, C., Pimsarn, M.	Promvongse, P./ Thianpong, C./ Pimsarn, M.	Mechanical	2	Journal	International	Performance evaluation of twisted-tape insert induced swirl flow in a laminar thermally developing heat exchanger	Applied Thermal Engineering	Lim, K.Y., Hung, Y.M., Tan, B.T.
536	Journal	International	Morphology and oxidation kinetics of CI engine's biodiesel particulate matters on cordierite Diesel Particulate Filters using TGA	International Journal of Automotive Technology	2017	Karin, P., Boonsakda, J., Siricholathum, K., Saenkhumvong, E., Charoenphonphanich, C.,	Charoenphonphanich, C.	Mechanical	1	Journal	International	Butanol-gasoline blend and exhaust gas recirculation, impact on GDI engine emissions	Fuel	Hergueta, C. , Bogarra, M. , Tsolakis, A.
537	Journal	International	Qualitative and quantitative analysis of ochratoxin A contamination in green coffee beans using Fourier transform near infrared spectroscopy	Journal of the Science of Food and Agriculture	2017	Taradolsirithitikul, P., Sirisomboon, P., Dachoupan, Sirisomboon, C.	Sirisomboon, P.	Mechanical	1	Journal	International	Assessment of cellular mutagenicity of Americano coffees from popular coffee chains	Journal of Food Protection	Liu, Z.-S. , Chen, P.-W. , Wang, J.Y.
538	Journal	International	Thermal behaviors in a round tube equipped with quadruple perforated-delta-winglet pairs	Applied Thermal Engineering	2017	Skullong, S., Promvongse, P., Thianpong, C., Jayranaiwachira, N.	Promvongse, P./ Thianpong, C./ Jayranaiwachira, N.	Mechanical	1	Journal	International	Heat transfer enhancement of internal flow by inserting punched delta winglet vortex generators with various attack angles	Experimental Thermal and Fluid Science	Wijayanta, A.T. , Istanto, T. , Kariya, K.
539	Journal	International	An improved Current Voltage Transferring Device for high current high frequency measurement	Electric Power Systems Research	2017	Pattanadech, N., Kando, M.	Pattanadech, N.	Power	1	Journal	International	A flexible self-integrating lightning current sensor based on a Rogowski coil	Revista de la Facultad de Ingenieria	Cui, L.-J. , Cao, Y.-L. , Guo, H.-H.
540	Journal	International	Analysis of a switched-reluctance generator for maximum energy conversion	IEEJ Journal of Industry Applications	2017	Wongguokoon, S., Kittiratsatcha, S.	Kittiratsatcha, S.	Power	1	Conference	International	Proposal of simplified equivalent model for switched reluctance generator	International Conference on Electrical Machines and Systems	Ikedda, D. , Yamamura, N. , Ishida, M.

บทความวิจัยที่ได้รับการตีพิมพ์และเผยแพร่ในฐานข้อมูล Scopus และได้รับการอ้างอิง ตั้งแต่ ค.ศ. 2013 ถึง ค.ศ. 2017

คณะวิศวกรรมศาสตร์ สถาบันเทคโนโลยีพระจอมเกล้าเจ้าคุณทหารลาดกระบัง

บทความที่ได้รับการตีพิมพ์และได้รับการอ้างอิง										ตัวอย่างบทความที่นำผลงานตีพิมพ์มาใช้อ้างอิง				
ลำดับ ที่	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	ปี ค.ศ. ตีพิมพ์	รายชื่อผู้แต่งทั้งหมด	รายชื่อผู้แต่งที่อยู่ในสังกัด	สาขาวิชา ของผู้แต่ง ที่อยู่ในสังกัด	จำนวนครั้ง ที่บทความ ได้รับการ อ้างอิง	ประเภท ของ บทความ	ระดับชาติ/ นานาชาติ	ชื่อบทความวิจัย / ชื่อสิ่งประดิษฐ์	ชื่อวารสาร / ชื่อการประชุมวิชาการ	รายชื่อผู้แต่งทั้งหมด
541	Journal	International	Simultaneous control of frequency fluctuation and battery SOC in a smart grid using LFC and EV controllers based on optimal MIMO-MPC	Journal of Electrical Engineering and Technology	2017	Pahasa, J., Ngamroo, I.	Ngamroo, I.	Power	1	Journal	International	Model predictive control of plug-in hybrid electric vehicles for frequency regulation in a smart grid	IET Generation, Transmission and Distribution	Elsisi, M. , Soliman, M. , Aboelela, M.A.S.
542	Journal	International	Utilization of multiple read heads for TMR prediction and correction in bit-patterned media recording	AIP Advances	2017	Busyatrass, W., Warisarn, C., Okamoto, Y., Nakamura, Y., Myint, L.M.M., Supnithi, P., Kovintavewat, P.	Supnithi, P.	Telecom	2	Journal	International	Mitigation of TMR Using Energy Ratio and Bit-Flipping Techniques in Multitrack Multihead BPMR Systems	IEEE Transactions on Magnetics	Warisarn, C. , Busyatrass, W. , Myint, L.M.M.
									No. Cited times	2,158				