

UTAR JOURNAL PUBLICATIONS INDEXED IN SCOPUS IN 2014

AUTHOR (S)	TITLE	SOURCE TITLE	ISSN	YEAR	VOLUME	ISSUE
Lim Y.M., Ayesh A., Stacey M.	Detecting cognitive stress from keyboard and mouse dynamics during mental arithmetic	Proceedings of 2014 Science and Information Conference, SAI 2014		2014		
Phan D.T., Wrzesien A.M., Lim J.B.P., Hajirasouliha I.	Effect of stressed-skin action on optimal design of a cold-formed steel portal framing system	22nd International Specialty Conference on Recent Research and Developments in Cold-Formed Steel Design and Construction		2014		
Cheng E.M., Abbas Z., Faraq M., Khor S.F., You K.Y., Lee K.Y., Abdul Majid M.S., Rojan M.A.	The effect of physical changes in a furnished indoor environment on Wireless Local Area Network (wlan) signals	International Journal of Mechanical and Mechatronics Engineering	22272771	2014	14	5
Chuah M.H., Wong K.-L.	Web based enterprise business intelligence maturity (ebi2m) assessment tool	2014 International Conference on IT Convergence and Security, ICITCS 2014		2014		
Chia F.C., Skitmore M., Runeson G., Bridge A.	Economic development and construction productivity in Malaysia	Construction Management and Economics	1446193	2014	32	9
Komala T., Khun T.C.	Biological carbon dioxide sequestration potential of bacillus pumilus	Sains Malaysiana	1266039	2014	43	8
Leong W.Y., Andrew Ng C.R.	Left-handedness detection	International Journal on Smart Sensing and Intelligent Systems	11785608	2014	7	2
Yip M.W., Barnes S., Sarhan A.	Effects of laser cladding of silicon carbides particles and iron based powder	Applied Mechanics and Materials	16609336	2014	548-549	
Fan S.-P., Jiang L.-Q., Chia C.-H., Fang Z., Zakaria S., Chee K.-L.	High yield production of sugars from deproteinated palm kernel cake under microwave irradiation via dilute sulfuric acid hydrolysis	Bioresource Technology	9608524	2014	153	
Wang X., Nordin N.D., Tik E.C.M., Tan C., Chew K.W., Menoni G.	Multi-layer surface profiling using gated wavefront sensing	Proceedings of SPIE - The International Society for Optical Engineering	0277786X	2014	9442	
Jin Z., Bok-Min G., Beng Jin Teoh A., Tay Y.H.	Non-invertible analysis on Graph-based Hamming Embedding Transform for protecting fingerprint minutiae	13th International Conference on Electronics, Information, and Communication, ICEIC 2014 - Proceedings		2014		
Thurairaj S., Hoon E.P., Roy S.S., Fong P.W.	English language usage in SNS and mobile phones: A bane or boon?	Proceedings of the European Conference on e-Learning, ECEL	20488637	2014		
Saw S.H., Cheah W.K.	A learning platform for 3D digital single lens reflex (DSLR) camera	MMEDIA - International Conferences on Advances in Multimedia	23084448	2014		
Ang G.T., Tan K.T., Lee K.T., Mohamed A.R.	Biodiesel production via injection of superheated methanol technology at atmospheric pressure	Energy Conversion and Management	1968904	2014	87	
Wong F.C., Yap Y.V., Chai T.T.	Comparative bioactivities study of five dietary plants used in Malaysia	Asian Journal of Chemistry	9707077	2014	26	3
Hwee H.H., Poon H.C., Tze K.K.	An assessment of Bengoh dam overtopping scenario	Geomatics, Natural Hazards and Risk	19475705	2014	5	2
Chong H.-Y., Wong J.S., Wang X.	An explanatory case study on cloud computing applications in the built environment	Automation in Construction	9265805	2014	44	
Seou C.-K., Ha S.-T., Win Y.-F., Lee S.-L., Yeap G.-Y.	Synthesis and phase transition behaviours of new non-symmetric liquid crystal dimers	Liquid Crystals	2678292	2014	41	11
Ch'Ng Y.K., Nisar H., Yap V.V., Yeap K.H., Tang J.J.	Segmentation and grading of eczema skin lesions	2014, 8th International Conference on Signal Processing and Communication Systems, ICSPCS 2014 - Proceedings		2014		
Lee C.-S., Wong K.D.	Designing framing and reflective scaffolds to develop design thinking and transfer of learning: Theorizing for pre-school	Proceedings - IEEE 14th International Conference on Advanced Learning Technologies, ICALT 2014		2014		
Soon J.N.P., Mahmood A.K., Yin C.P., Wan W.S., Yuen P.K., Heng L.E.	IaaS cloud optimisation during economic turbulence for Malaysia small and medium enterprise	International Journal of Business Information Systems	17460972	2014	16	2
Chong K.C., Lai S.O.	Recent progress in membrane distillation	Jurnal Teknologi (Sciences and Engineering)	1279696	2014	70	2
Rajasakran T., Wong A.K., Sinnappan S., Kumarasurir V., Pangiras G., Koran S.	Aggressor games: Of violent video games and aggression among higher-income group schoolchildren in Malaysia	Science, Technology and Society	9717218	2014	19	3
Hung T.-H., Chen C.-M., Tseng C.-P., Shen C.-J., Wang H.-L., Choo K.-B., Chong K.Y.	FZD1 activates protein kinase C delta-mediated drug-resistance in multidrug-resistant MES-SA/Dx5 cancer cells	International Journal of Biochemistry and Cell Biology	13572725	2014	53	
Lee S.-P., Mohammed S.I.	Intellectual capital on listed agricultural firms' performance in Malaysia	International Journal of Learning and Intellectual Capital	14794853	2014	11	3
Yeap K.H., Cheong Y.K., Nisar H., Teh P.C.	A simple data storage system using QR code	2014 5th International Conference on Intelligent and Advanced Systems: Technological Convergence for Sustainable Future, ICIAS 2014 - Proceedings		2014		
Karim Z.A., Abdullah N., Said F.F.	Is bank lending channel of monetary policy relevance? A panel study of Indonesia [Adakah saluran pinjaman bank dasar monetari relevan? Kajian data panel dari Indonesia]	Jurnal Pengurusan	1272713	2014	40	
Xu C.S., Nair G.V., Thinavan P., Kim V.W.E.	Customer perception of corporate communication via weblogs: A case study on a budget airline	SEARCH (Malaysia)	2229872X	2014	6	1
Ng G.T., Ng C.K.	Development of natural bio-plantation waste as pulp for paper making	Advanced Materials Research	10226680	2014	1043	
Lau W.J., Goh P.S., Ismail A.F., Lai S.O.	Ultrafiltration as a pretreatment for seawater desalination: A review	Membrane Water Treatment	20058624	2014	5	1
Ng C.-B., Tay Y.-H., Goi B.-M.	Comparing image representations for training a convolutional neural network to classify gender	Proceedings - 1st International Conference on Artificial Intelligence, Modelling and Simulation, AIMS 2013		2014		
Sung S.-Y., Sin L.T., Tee T.-T., Bee S.-T., Rahmat A.R.	Effects of Allium sativum essence oil as antimicrobial agent for food packaging plastic film	Innovative Food Science and Emerging Technologies	14668564	2014	26	
Wong J., Lim Y.S., Morris E.	Novel fuzzy controlled energy storage for low-voltage distribution networks with photovoltaic systems under highly cloudy conditions	Journal of Energy Engineering	7339402	2014	141	1
Tan S.-Y., Yap W.-S., Goi B.-M.	Cryptanalysis of an ID-based Blind Signature Scheme	Conference Proceedings - Cryptology 2014: Proceedings of the 4th International Cryptology and Information Security Conference 2014		2014		
Onn L.C., Ching C.S., Lian T.Y., Foon L.V., Chew Hee N., Moi C.S.	4-chloro-1,2-phenylenediamine Induces Apoptosis in Mardin-Darby canine kidney cells via activation of caspases	Environmental Toxicology	15204081	2014	29	6
Malik A.S., Ramli R., Hani A.F.M., Salih Y., Yap F.B.-B., Nisar H.	Digital assessment of facial acne vulgaris	Conference Record - IEEE Instrumentation and Measurement Technology Conference	10915281	2014		
Ong S.-T., Keng P.-S., Lee S.-L., Hung Y.-T.	Low cost adsorbents for sustainable dye containing-wastewater treatment	Asian Journal of Chemistry	9707077	2014	26	7
Chong K.C., Lai S.O., Lau W.J., Ooi B.S.	Preparation, characterisation and performance of polyvinylidene fluoride membrane for sodium chloride rejection in direct contact membrane distillation	Materials Research Innovations	14328917	2014	18	
Cho M.P., Lin H.S., Yong Y.T., Phua Y.N., Yong T.K., Rahman F.A.	Characterisation of continuous arc discharge system as a fusion heat source for fused fiber components	4th Annual IEEE International Conference on Cyber Technology in Automation, Control and Intelligent Systems, IEEE-CYBER 2014		2014		

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Ooi F.K., Norsyam W.M., Ghosh A.K., Sulaiman S.A., Chen C.K., Hung L.-K.	Effects of short-term swimming exercise on bone mineral density, geometry, and microstructural properties in sham and ovariectomized rats	Journal of Exercise Science and Fitness	1728869X	2014	12	2
Khoo G., Lim T.M., Phang V.P.E.	Cellular basis of metallic iridescence in the Siamese fighting fish, <i>Betta splendens</i>	Israeli Journal of Aquaculture - Bamidgeh	0792156X	2014	66	
Loh M.C., Rahman F.A., Kuramitz H., Yong Y.T.	Method to sensitize an arc-induced LPFG-based sensor using double-pass configuration	Microwave and Optical Technology Letters	8952477	2014	56	12
Falamarzi Y., Palizdan N., Huang Y.F., Lee T.S.	Estimating evapotranspiration from temperature and wind speed data using artificial and wavelet neural networks (WNNs)	Agricultural Water Management	3783774	2014	140	
Saadatkhan N., Kassim A., Lee L.M.	Susceptibility Assessment of Shallow Landslides in Hulu Kelang Area, Kuala Lumpur, Malaysia Using Analytical Hierarchy Process and Frequency Ratio	Geotechnical and Geological Engineering	9603182	2014	33	1
Lee K.Y., Chung B.K., You K.Y., Cheng E.M., Abbas Z.	Study of dual open ended coaxial sensor system for calculation of phase using two magnitudes	IEEE Sensors Journal	1530437X	2014	14	1
Bee S.-T., Mok W.-R., Lee T.S., Tee T.-T., Issabayeva G., Rahmat A.R.	Evaluation performance of multiple plasticizer systems on the physicochemical, crystallinity and thermogravimetry of polyvinyl chloride	Journal of Polymer Engineering	3346447	2014	34	6
Wong W.-L., Brennan G.P., Halton D.W., Maule A.G., Lim L.-H.S.	Ultrastructure of head organs (anterior adhesive apparatus) and posterior secretory systems of <i>Caballeria lieui</i> Lim, 1995 (Monogenea, Ancyrocephalidae)	Parasitology Research	9320113	2014	113	11
Ho L.Y., Loh T.S., Yam L.-A.	Surveillance and resistance status of <i>Aedes</i> population in two suburban residential areas in Kampar town, Perak, Malaysia	Tropical Biomedicine	1275720	2014	31	3
Chandran V.G.R., Sundram V.P.K., Santhidran S.	Innovation systems in Malaysia: A perspective of university-industry R&D collaboration	AI and Society	9515666	2014	29	3
Zhenjun L., Nisar H., Malik A.S.	A framework for real time indoor robot navigation using Monte Carlo Localization and ORB feature detection	Proceedings of the International Symposium on Consumer Electronics, ISCE		2014		
Chew K.W., Leong C.K., Goi B.M.	Contour data acquisition system for electric vehicle distance estimation method	Applied Mechanics and Materials	16609336	2014	479-480	
Yang N., Leung K.W., Lim E.H.	Mirror-integrated dielectric resonator antenna	IEEE Transactions on Antennas and Propagation	0018926X	2014	62	1
Fang X., Leung K.W., Lim E.H.	Singly-fed dual-band circularly polarized dielectric resonator antenna	IEEE Antennas and Wireless Propagation Letters	15361225	2014	13	
Lee X.Y., Khan M.B., Nisar H., Ho Y.K., Ng C.A., Malik A.S.	Morphological analysis of activated sludge flocs and filaments	Conference Record - IEEE Instrumentation and Measurement Technology Conference	10915281	2014		
Lim Y.P., Yeo W.H.	The effects of scandium on A356 aluminium alloy in gravity die casting	Materials Research Innovations	14328917	2014	18	
Usenbekov B.N., Kaykeev D.T., Yhanbirbaev E.A., Berkimbaj H., Tynybekov B.M., Satybaldiyeva G.K., Baimurzayev N.B., Issabayeva G.S.	Doubled haploid production through culture of anthers in rice	Indian Journal of Genetics and Plant Breeding	195200	2014	74	1
Yee-Kit C., Voon-Chet K., Hong-Tat E., Hean-Teik C.	Development of a compact S-band SAR for earth resource monitoring	International Geoscience and Remote Sensing Symposium (IGARSS)		2014		
Chua S.P., Han T.J.	Characteristics and quality of life among people living with hiv at drop-in centres and shelter homes in Malaysia	Asia Pacific Disability Rehabilitation Journal	10294414	2014	25	3
Hung T.-H., Hsu S.-C., Cheng C.-Y., Choo K.-B., Tseng C.-P., Chen T.-C., Lan Y.-W., Huang T.-T., Lai H.-C., Chen C.-M., Chong K.-Y.	Wnt5A regulates ABCB1 expression in multidrug-resistant cancer cells through activation of the non-canonical PKA/ $\beta$ -catenin pathway	Oncotarget	19492553	2014	5	23
Lim Y.S., Koh S.L., Morris S.	Methodology for optimizing geographical distribution and capacities of biomass power plants in Sabah, East Malaysia	International Journal of Energy Sector Management	17506220	2014	8	1
Moses P., Tey T.C.Y., Cheah P.K., Teo T., Wong S.L.	An online survey: Studying the antecedents of technology use through the UTAUT model among Arts and Science undergraduate students	Workshop Proceedings of the 22nd International Conference on Computers in Education, ICCE 2014		2014		
Isa M., Lee S.-P.	Market reactions to share repurchase announcements in Malaysia	Asian Academy of Management Journal of Accounting and Finance	18234992	2014	10	1
Sim K.-M., Loo S.-T., Teo K.-C.	Synthesis, characterization, antibacterial and free radical scavenging activities of some new 1,2,4-Triazole schiff bases and mannich bases	Letters in Organic Chemistry	15701786	2014	11	8
Wong J., Lim Y.S., Tang J.H., Morris E.	Grid-connected photovoltaic system in Malaysia: A review on voltage issues	Renewable and Sustainable Energy Reviews	13640321	2014	29	
Abdelkareem E.A., Cheong T.G., Sharief A.H., Huat L.B., Yin K.B.	Identification of specific proteins in colorectal cancer patients with <i>Schistosoma mansoni</i> infection as a possible biomarker for the treatment of this infection	Asian Pacific Journal of Tropical Disease	22221808	2014	4	S2
Tan C.P., Pang S.T.	Performance of Brownian-motion-generated universal portfolios	AIP Conference Proceedings	0094243X	2014	1602	
Kayen R., Moss R.E.S., Thompson E.M., Seed R.B., Cetin K.O., Der Kiureghian A., Tanaka Y., Tokimatsu K.	Closure to "Shear-wave velocity-based probabilistic and deterministic assessment of seismic soil liquefaction potential" by R. Kayen, R. E. S. Moss, E. M. Thompson, R. B. Seed, K. O. Cetin, A. Der Kiureghian, Y. Tanaka, and K. Tokimatsu	Journal of Geotechnical and Geoenvironmental Engineering	10900241	2014	140	4
Cheong W.C., Kam H.K., Wang C.C., Lim Y.P.	Rigid-plastic finite element simulation of cold forging and sheet metal forming by Eulerian meshing method	Advanced Materials Research	10226680	2014	970	
Sudianto E., Beng-Kah S., Ting-Xiang N., Saldain N.E., Scott R.C., Burgos N.R.	Corrigendum to "Clearfield <sup>®</sup> rice: Its development, success, and key challenges on a global perspective" [Crop Prot. 49 (2013) 40-51]	Crop Protection	2612194	2014	55	
Hao H.M., Jaafar A.	Goal prioritization and preliminary usability evaluation: An approach to assist novice designer	Journal of Theoretical and Applied Information Technology	19928645	2014	67	3
Lee S.-P., Isa M.	Stock market integration and the impact of the subprime financial crisis: A Malaysian perspective	Asian Journal of Business and Accounting	19854064	2014	7	1
Zhao X., Zhao L., Li M., Guo X., Ren H.	Comparative study of adsorption characteristics of phosphorus by sediment in water and riparian soil and their organic mineral complex components	Huanjing Kexue Xuebao/Acta Scientiae Circumstantiae	2532468	2014	34	5
Arullappan S., Rajamanickam P., Thevar N., Kodimani C.C.	In vitro screening of cytotoxic, antimicrobial and antioxidant activities of <i>Clinacanthus nutans</i> (Acanthaceae) leaf extracts	Tropical Journal of Pharmaceutical Research	15965996	2014	13	9
Goh C.-L., Ewe H.T., Goh Y.K.	Simulating basic cell processes with an artificial chemistry system	Advances in Intelligent Systems and Computing	21945357	2014	287	
Palizdan N., Falamarzi Y., Huang Y.F., Lee T.S., Ghazali A.H.	Regional precipitation trend analysis at the Langat River Basin, Selangor, Malaysia	Theoretical and Applied Climatology	0177798X	2014	117	4-Mar
Radhakrishnan A., Tudawe D., Chakravarthi S., Chiew G.S., Haleagrahara N.	Effect of I <sup>3</sup> -tocotrienol in counteracting oxidative stress and joint damage in collagen-induced arthritis in rats	Experimental and Therapeutic Medicine	17920981	2014	7	5

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Bee S.-T., Hassan A., Ratnam C., Tee T.-T., Sin L.T.	Effects of irradiation on the mechanical, electrical, and flammability properties of (low-density polyethylene)/(ethylene-vinyl acetate) copolymer blends containing alumina trihydrate	Journal of Vinyl and Additive Technology	10835601	2014	20	2
Liau P.	Sense of existence: the philosophical implication in Singapore Chinese writer Dan Ying's literary works	Foreign Literature Studies	10037519	2014	36	6
Chong L.K., Ong A.H.K., Tan S.G., Taranjeet K.A.S., Peris M.M., Sana A.M.M.A., Hassan H.R.	Morphological and genetic variations of the freshwater leech, <i>Hirudinaria</i> spp., in Peninsular Malaysia	Biochemical Genetics	62928	2014	52	6-May
Tan L.-F., Dienes Z., Jansari A., Goh S.-Y.	Effect of mindfulness meditation on brain-computer interface performance	Consciousness and Cognition	10538100	2014	23	1
Rajasakran T., Sinnappan S., Raja S.S.	Purushartha: Maslow's need hierarchy revisited	Anthropologist	9720073	2014	18	1
Goh T.-K., Lau W.-Y., Teo K.-C.	A new species of <i>Nawawia</i> from Malaysia, with a synopsis of the genus	Mycotaxon	934666	2014	129	1
Tan K.H., Lim E.H., Lo F.L.	Modeling spectral description of lock phenomena in harmonic oscillator	IFCS 2014 - 2014 IEEE International Frequency Control Symposium, Proceedings		2014		
Chin S.K., Law C.L.	Maximizing the Retention of Ganoderic Acids and Water-Soluble Polysaccharides Content of <i>Ganoderma lucidum</i> Using Two-Stage Dehydration Method	Drying Technology	7373937	2014	32	6
Lai S.O., Chong K.C., Lee K.M., Lau W.J., Ooi B.S.	Characteristic and performance of polyvinylidene fluoride membranes blended with lithium chloride in direct contact membrane distillation	Jurnal Teknologi (Sciences and Engineering)	1279696	2014	69	9
Sastry S.S., Kumar L.T., Vishwam T., Murthy V.R.K., Lakshminarayana S., Sie Tiong H.	Dielectric studies on Fe <sub>3</sub> O <sub>4</sub> nanodoped p - N - alkyloxybenzoic acids	Advances in Condensed Matter Physics	16878108	2014	2014	
Prasad D.K., Leung M.K.H., Quek C., Brown M.S.	DEB: Definite error bounded tangent estimator for digital curves	IEEE Transactions on Image Processing	10577149	2014	23	10
Tan G.W.-H., Ooi K.-B., Leong L.-Y., Lin B.	Predicting the drivers of behavioral intention to use mobile learning: A hybrid SEM-Neural Networks approach	Computers in Human Behavior	7475632	2014	36	
Ong S.-T., Hew L.-P., Hung Y.-T.	Utilization of quaternized rice hull as low-cost adsorbent for the removal of Congo Red from aqueous solution	Asian Journal of Chemistry	9707077	2014	26	2
Ng C.H., Kong S.M., Tiong Y.L., Maah M.J., Sukram N., Ahmad M., Khoo A.S.B.	Selective anticancer copper(ii)-mixed ligand complexes: Targeting of ROS and proteasomes	Metallomics	17565901	2014	6	4
Wong C.-H., Tan G.W.-H., Loke S.-P., Ooi K.-B.	Mobile TV: A new form of entertainment?	Industrial Management and Data Systems	2635577	2014	114	7
Chooi W.L., Ng W.S.	Classical adjoint commuting mappings on alternate matrices and skew-Hermitian matrices	Operators and Matrices	18463886	2014	8	2
Jun H.K., Careem M.A., Arof A.K.	Investigation of multilayered quantum dot-sensitized solar cells with different Zn chalcogenide passivation layers	Journal of Applied Electrochemistry	0021891X	2014	44	9
Mook W.T., Aroua M.K., Issabayeva G.	Prospective applications of renewable energy based electrochemical systems in wastewater treatment: A review	Renewable and Sustainable Energy Reviews	13640321	2014	38	
Wee K., Mardeni R., Tan S.W., Lee S.W.	QoS Prominent Bandwidth Control Design for Real-time Traffic in IEEE 802.16e Broadband Wireless Access	Arabian Journal for Science and Engineering	13198025	2014	39	4
Cheah P.K., Yap Y.O., Unnithan P., Moses P., Diong F.W., Er P.H.	Factors leading to technology non-use in education: Validation of reversed-UTAUT (R-UTAUT)	Proceedings of the International Conference on e-Learning, ICEL	20488882	2014		
Yeong W.C., Khoo M.B.C., Chong J.K., Lim S.J., Teoh W.L.	The sensitivity analysis of the economic and economic statistical designs of the synthetic X chart	AIP Conference Proceedings	0094243X	2014	1635	
Yong W.K., Lim Y., Morris S.	Allowing islanded operation of photovoltaic system with the aid of droop-controlled inverter	2014 IEEE Conference on Energy Conversion, CENCON 2014		2014		
Olanrewaju A.L.A., Anavhe P.J., Mine N.	Sustainable construction procurement: A case study of Nigeria	Malaysian Construction Research Journal	19853807	2014	14	1
Wong R.S.Y., Cheong S.-K.	Role of mesenchymal stem cells in leukaemia: Dr. Jekyll or Mr. Hyde?	Clinical and Experimental Medicine	15918890	2014	14	3
Tan H.-Q., Yong T.-K., Goi B.-M., Chai T.-Y.	Digital watermarking using a fusion of digital holographic interferometry and singular value decomposition	Conference Proceedings - Cryptology 2014: Proceedings of the 4th International Cryptology and Information Security Conference 2014		2014		
Lye Z., Nisar H., Lai K., Yeap K.	Localization and feature recognition: Implementation on an indoor navigator robot	10th France-Japan Congress, 8th Europe-Asia Congress on Mechatronics, MECATRONICS 2014		2014		
Lee W.-K., Goi B.-M., Phan R.C.-W., Poh G.-S.	High speed implementation of symmetric block cipher on GPU	2014 International Symposium on Intelligent Signal Processing and Communication Systems, ISPACS 2014		2014		
Koh S.K., Pooi A.H., Tan Y.F.	New approach for finding basic performance measures of single server queue	Journal of Probability and Statistics	1687952X	2014	2014	
Gwee P.S., Khoo K.S., Ong H.C., Sit N.W.	Bioactivity-guided isolation and structural characterization of the antifungal compound, <i>plumbaquin</i> , from <i>Nepenthes gracilis</i>	Pharmaceutical Biology	13880209	2014	52	12
Balachandran R., Hoong O.B., Yong W.H., Ban T.K., Kwang Y.H., Keat L.W.	Improved dielectric performance of barium strontium titanate multilayered capacitor by means of pulsed laser deposition and slow injection sol-gel methods	International Journal of Materials Research	18625282	2014	105	5
Teoh H.C., Lai S.O.	Study of the effect of spacer orientation and shape in membrane feed channel using CFD modelling	Jurnal Teknologi (Sciences and Engineering)	1279696	2014	70	2
Lim E.-H., Wong H.Y., Lo F.L.	Rectangular DRA reflectarray with an inclined top-loading microstrip patch	Progress in Electromagnetics Research Symposium	15599450	2014		
Wong K.M.C., Tian Y.K.	Effect of trace platinum additions on the interfacial morphology of Sn-3.8Ag-0.7Cu alloy aged for long hours	Microelectronics Reliability	262714	2014	54	11
Tan C.P., Chu S.Y., Pan W.Y.	Universal portfolios generated by Toeplitz matrices	AIP Conference Proceedings	0094243X	2014	1602	
Asa Deepthi K., Balachandran R., Ong B.H., Wong H.Y., Tan K.B., Yow H.K., Daud Z.B.M.	Phase formation and surface morphology of nickel doped Ba <sub>1-x</sub> Sr <sub>x</sub> TiO <sub>3</sub> ceramics prepared by sol-gel technique	Materials Research Innovations	14328917	2014	18	
Sabariah M.N., Leong C.F., Cheong S.K.	Immature reticulocyte fraction in guiding stem cell harvest in autologous peripheral blood stem cell transplant	Malaysian Journal of Medicine and Health Sciences	16758544	2014	10	1
Choong M.Y., Tee S.F., Tang P.Y.	Meta-analysis of polymorphisms in TPH2 gene and suicidal behavior	Psychiatry Research	1651781	2014	220	3
Sim J.-J., Tan G.W.-H., Wong J.C.J., Ooi K.-B., Hew T.-S.	Understanding and predicting the motivators of mobile music acceptance - A multi-stage MRA-artificial neural network approach	Telematics and Informatics	7365853	2014	31	4
Saminathan M., Tan H.Y., Siew C.C., Abdullah N., Wong C.M.V.L., Abdulmalek E., Ho Y.W.	Polymerization degrees, molecular weights and protein-binding affinities of condensed tannin fractions from a leucaena leucocephala hybrid	Molecules	14203049	2014	19	6

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Ho M.Y., Khiew P.S., Isa D., Tan T.K., Chiu W.S., Chia C.H.	LiFePO <sub>4</sub> - Activated carbon composite electrode as symmetrical electrochemical capacitor in mild aqueous electrolyte	Applied Mechanics and Materials	16609336	2014	627	
Murray C.J.L., Ortblad K.F., Guinovart C., Lim S.S., Wolock T.M., Roberts D.A., Dansereau E.A., Graetz N., Barber R.M., Brown J.C., Wang H., Duber H.C., Naghavi M., Dicker D., Dandona L., Salomon J.A., Heuton K.R., Foreman K., Phillips D.E., Fleming T.D., Flaxman A.D., Phillips B.K., Johnson E.K., Coggeshall M.S., Abd-Allah F., Abera S.F., Abraham J.P., Abubakar I., Abu-Raddad L.J., Abu-Rmeileh N.M., Achoki T., Adeyemo A.O., Adou A.K., Adsuar J.C., Agardh E.E., Akena D., Al Khabbouri M.J., Alasfoor D., Albittar M.I., Alcalá-Cerra G., Alegretti M.A., Alemu Z.A., Alfonso-Cristancho R., Alhabib S., Ali R., Alla F., Allen P.J., Alsharif U., Alvarez E., Alvis-Guzman N., Amankwaa A.A., Amare A.T., Amini H., Ammar W., Anderson B.O., Antonio C.A.T., Anwari P., Arnlov J., Arsenijevic V.S.A., Artaman A., Asghar R.J., Assadi R., Atkins L.S., Badawi A., Balakrishnan K., Banerjee A., Basu S., Beardsley J., Bekele T., Bell M.L., Bernabe E., Beyene T.J., Bhala N., Bhalla A., Bhutta Z.A., Bin Abdulhak A., Binagwaho A., Blore J.D., Basara B.B., Bose D., Brainin M., Breitborde N., Castaneda-Orjuela C.A., Catala-Lopez F., Chadha V.K., Chang J.C., Chiang P.P.C., Chuang T.W., Colomar M.	Global, regional, and national incidence and mortality for HIV, tuberculosis, and malaria during 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013	The Lancet	1406736	2014	384	9947
Win Y.-F., Choong C.-S., Dang J.-C., Iqbal M.A., Quah C.K., Majid A.M.S.A., Teoh S.-G.	Polymeric seven-coordinated organotin(IV) complexes derived from 5-amino-2-chlorobenzoic acid and in vitro anti-cancer studies	Journal of Coordination Chemistry	958972	2014	67	20
Pooi A.H., Pan W.Y., Wong Y.C.	Prediction intervals for future mortality rates	Applied Mathematical Sciences	1312885X	2014	8	101-104
Lee M.L., Ng K.Y., Huang Y.F., Li W.C.	Rainfall-induced landslides in Hulu Kelang area, Malaysia	Natural Hazards	0921030X	2014	70	1
Ng W.-H., Lim E.-H., Lo F.-L., Tan K.-H.	Double-layered circular microstrip reflectarray element with broad phase range	Progress In Electromagnetics Research C	19378718	2014	50	
Kam H.K., Cheong W.C., Wang C.C.	Effect of tool eccentricity on the joint strength in mechanical clinching process	Materials Research Innovations	14328917	2014	18	
Mine N., Olanrewaju A., Takeuchi M.	Learning effect of interior finishing and building services works for multi-dwelling complex project	31st International Symposium on Automation and Robotics in Construction and Mining, ISARC 2014 - Proceedings		2014		
Yeo W.H., Fry A.T., Ramesh S., Mohan R., Liew H.L., Inayat-Hussain J.I., Purbolaksono J.	Simulating the implications of oxide scale formations in austenitic steels of ultra-supercritical fossil power plants	Engineering Failure Analysis	13506307	2014	42	
Ang B.C., Yaacob I.I., Chew C.S.	Effect of FeCl <sub>2</sub> concentration on the properties of magnetic nanoparticles by using Massart's procedure	Sains Malaysiana	1266039	2014	43	4
Goh Y.L., Wong D.C.K.	A construction of secret sharing scheme	Conference Proceedings - Cryptology 2014: Proceedings of the 4th International Cryptology and Information Security Conference 2014		2014		
Rajasakran T., Sinnappan S., Raja S.S.	The role of social learning in understanding deviance	Anthropologist	9720073	2014	17	3
Junaidi M.U.M., Leo C.P., Ahmad A.L., Kamal S.N.M., Chew T.L.	Carbon dioxide separation using asymmetric polysulfone mixed matrix membranes incorporated with SAPO-34 zeolite	Fuel Processing Technology	3783820	2014	118	
Bee S.-T., Hassan A., Ratnam C.T., Tee T.-T., Lee T.S.	Interactions of montmorillonite and electron beam irradiation in enhancing the properties of alumina trihydrate-added polyethylene and ethylene vinyl acetate blends	Journal of Composite Materials	219983	2014	48	10
Ng W.-H., Lim E.-H., Lo F.-L., Tan K.-H.	Study of cross-slotted circular microstrip for reflectarray design	Progress In Electromagnetics Research C	19378718	2014	50	
Kok J.K.	Lifelong learning: The experiences of Malaysian school teachers	Pertanika Journal of Social Science and Humanities	1287702	2014	22	1
Rahman S.A., Song I., Leung M.K.H., Lee I., Lee K.	Fast action recognition using negative space features	Expert Systems with Applications	9574174	2014	41	2
Chai T.-T., Mohan M., Ong H.-C., Wong F.-C.	Antioxidant, iron-chelating and anti-glucosidase activities of <i>Typha domingensis</i> Pers (Typhaceae)	Tropical Journal of Pharmaceutical Research	15965996	2014	13	1
Fan S.P., Chia C.H., Fang Z., Zakaria S., Chee K.L.	Optimization of Mannose Yield from Deproteinized Palm Kernel Cake via Dilute Fumaric Acid Hydrolysis	Advanced Materials Research	10226680	2014	911	
Gan C.T., Ooi B.Y., Liew S.Y.	Workstations uptime analysis framework to identify opportunity for forming ad-hoc computer clusters	I4CT 2014 - 1st International Conference on Computer, Communications, and Control Technology, Proceedings		2014		
Kumar D., Akram M., Kabir-ud-Din	Kinetic and Mechanistic Studies on [Zn(II)-Gly-Phe]-Ninhydrin Reaction in Aqueous and Cationic CTAB Surfactant Micelles	Journal of Dispersion Science and Technology	1932691	2014	35	12
Bee S.-T., Ratnam C.T., Sin L.T., Tee T.-T., Hui D., Kadhum A.A.H., Rahmat A.R., Lau J.	Effects of electron beam irradiation on mechanical properties and nanostructural-morphology of montmorillonite added polyvinyl alcohol composite	Composites Part B: Engineering	13598368	2014	63	
Tan C.Y., Khoo K.S., Radiman S., Rahman I.A., Amari N.F.B.	Microscopic study of AOT and CTAB anionic-rich catanionic phase	Sains Malaysiana	1266039	2014	43	4
Said S., Alfred-King Y.L., Yik-Hong H.	Survivin expression in colorectal: Real time polymerase chain reaction and correlation with clinicopathological features	Malaysian Applied Biology	1268643	2014	43	2
Xue L., Qin S., Sun Q., Wang Y., Lee L.M., Li W.	A study on crack damage stress thresholds of different rock types based on uniaxial compression tests	Rock Mechanics and Rock Engineering	7232632	2014	47	4
Goh T.-K., Lau W.-Y., Teo K.-C.	<i>Paliphora curviapicis</i> sp. nov. from Malaysia, and a synopsis of the genus	Mycotaxon	934666	2014	127	
Ooh K.-F., Ong H.-C., Wong F.-C., Sit N.-W., Chai T.-T.	High performance liquid chromatography profiling of health-promoting phytochemicals and evaluation of antioxidant, anti-lipoxygenase, iron chelating and anti-glucosidase activities of wetland macrophytes	Pharmacognosy Magazine	9731296	2014	10	39
Tan C.P., Pang S.T.	Universal portfolios generated by weakly stationary processes	AIP Conference Proceedings	0094243X	2014	1635	
Yeo W.H., Fry A.T., Purbolaksono J., Ramesh S., Inayat-Hussain J.I., Liew H.L., Hamdi M.	Oxide scale growth and presumed exfoliation in a 700 Å°c or higher steam condition: A simulation study for future operations of ultra-supercritical power plants	Journal of Supercritical Fluids	8968446	2014	92	

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Low K.-S., Ng S.-C., Tioh N.-H.	Thermal conductivity of soil-based aerated lightweight concrete	KSCE Journal of Civil Engineering	12267988	2014	18	1
Cheong H.-T., Ho W.-Y., Choo Q.-C., Chew C.-H.	$\beta$ -lactamase gene blaSHV detected in bacteria isolated from retail sushi in Kampar, Malaysia	Biomedical Research (India)	0970938X	2014	25	1
Chua K.K., Tay Y.H.	Adaptive image super-resolution with neural networks	Lecture Notes in Electrical Engineering	18761100	2014	291	LNEE
Yap L.K., Ismail F., Senu N.	An accurate block hybrid collocation method for third order ordinary differential equations	Journal of Applied Mathematics	1110757X	2014	2014	
Wong Y.C., Wang J., Teh G.B.	Structural and magnetic studies of SrFe <sub>2</sub> O <sub>19</sub> by sol-gel method	Procedia Engineering	18777058	2014	76	
Teng K.-C., Koay J.-Y., Tey S.-H., Ewe H.-T., Chuah H.-T.	Monitoring of oil palm plantations and growth variations with a dense vegetation model	International Geoscience and Remote Sensing Symposium (IGARSS)		2014		
Htwe T.T., Ismail S.B., Low G.K.K.	Comparative assessment of students' performance and perceptions on objective structured practical models in undergraduate pathology teaching	Singapore Medical Journal	375675	2014	55	9
Mun C.Y., Fee L.Y.	Settling down spiritually: Chinese Malaysian's worship of Datuk Gong	Pertanika Journal of Social Science and Humanities	1287702	2014	22	1
Tan P.N., Chan Y.K., Gobi V., Lim T.S., Chuah H.T.	Design of a high isolation dual polarized S-band microstrip patch antenna	International Journal of Microwave and Optical Technology	15530396	2014	9	1
Chee C.-H., Yeoh W., Gao S., Richards G.	Improving business intelligence traceability and accountability: An integrated framework of bi product and metacontent map	Journal of Database Management	10638016	2014	25	3
Ahmad A.H., Mahmood A.K., Jaafar J., Rahim A.A.A.	A study on intelligent system for fire rescue operation	Advanced Science Letters	19366612	2014	20	1
Lai W.K., Tan B.G., Soo M.S., Khan I.	Two-factor user authentication with the CogRAM weightless neural net	Proceedings of the International Joint Conference on Neural Networks		2014		
Kassebaum N.J., Bertozzi-Villa A., Coggeshall M.S., Shackelford K.A., Steiner C., Heuton K.R., Gonzalez-Medina D., Barber R., Huynh C., Dicker D., Templin T., Wolock T.M., Ozgoren A.A., Abd-Allah F., Abera S.F., Abubakar I., Achoki T., Adekan A., Ademi Z., Adou A.K., Adsuar J.C., Agardh E.E., Akena D., Alasfoor D., Alemu Z.A., Alfonso-Cristancho R., Alhabib S., Ali R., Al Kahbouri M.J., Alla F., Allen P.J., AlMazroa M.A., Alsharif U., Alvarez E., Alvis-Guzman N., Amankwaa A.A., Amare A.T., Amini H., Ammar W., Antonio C.A.T., Anwari P., Arnlov J., Arsenijevic V.S.A., Artaman A., Asad M.M., Asghar R.J., Assadi R., Atkins L.S., Badawi A., Balakrishnan K., Basu A., Basu S., Beardsley J., Bedi N., Bekele T., Bell M.L., Bernabe E., Beyene T.J., Bhutta Z., Abdulhak A.B., Blore J.D., Basara B.B., Bose D., Breitborde N., Cardenas R., Castaneda-Orjuela C.A., Castro R.E., Catala-Lopez F., Cavlin A., Chang J.-C., Che X., Christophi C.A., Chugh S.S., Cirillo M., Colquhoun S.M., Cooper L.T., Cooper C., Da Costa Leite I., Dandona L., Dandona R., Davis A., Dayama A., Degenhardt L., De Leo D., Del Pozo-Cruz B., Deribe K., Dessalegn M., DeVeber G.A., Dhamaratne S.D., Dilmen H., Ding E.I., Durrington	Global, regional, and national levels and causes of maternal mortality during 1990-2013: A systematic analysis for the Global Burden of Disease Study 2013	The Lancet	1406736	2014	384	9947
You K.Y., Abbas Z., Lee C.Y., Malek M.F.A., Lee K.Y., Cheng E.M.	Modeling and measuring dielectric constants for very thin materials using a coaxial probe	Radioengineering	12102512	2014	23	4
Huang C.-J., Chen H.-Y., Lin W.-Y., Choo K.B.	Differential expression of speckled POZ protein, SPOP: Putative regulation by miR-145	Journal of Biosciences	2505991	2014	39	3
Chan G.-Y., Lee C.-S., Heng S.-H.	Defending against XML-related attacks in e-commerce applications with predictive fuzzy associative rules	Applied Soft Computing Journal	15684946	2014	24	
See Y.C., Luong L.K., Cheng X.T., Lau I.K.	Resonance frequency sensing for acoustic material shattering system	IEEE TENSYP 2014 - 2014 IEEE Region 10 Symposium		2014		
Ong M.K., Ali A., Alderson P.G., Forney C.F.	Effect of different concentrations of ozone on physiological changes associated to gas exchange, fruit ripening, fruit surface quality and defence-related enzymes levels in papaya fruit during ambient storage	Scientia Horticulturae	3044238	2014	179	
Hudu S.A., Malik Y.A., Niazi M.T., Harmal N.S., Sekawi Z.	An overview of hepatitis B virus surface antigen mutant in the Asia Pacific	Current Issues in Molecular Biology	14673037	2014	16	1
Kor S.-B., Tou B.-S.-Y., Chieng C.-K.-L., Hiew M.-S.-Y., Chew C.-H.	Distribution of the multidrug efflux pump genes adeA, adeJ, adeY and integrons in clinical isolates of Acinetobacter baumannii from Malaysian hospitals	Biomedical Research (India)	0970938X	2014	25	2
Sastry S.S., Babu S., Vishwam T., Tiong H.S.	Excess parameters for binary mixtures of alkyl benzoates with 2-propanol at different temperatures	Journal of Thermal Analysis and Calorimetry	13886150	2014	116	2
Bak K.Y., Tan K.B., Khaw C.C., Zainal Z., Tan P.Y., Chon M.P.	Structural and electrical properties of Nb-substituted LiTa <sub>1-x</sub> Nb <sub>x</sub> O <sub>3</sub>	Sains Malaysiana	1266039	2014	43	10
Leon C., Koh G.	Retrieving lost histories: Spaces of healing, spaces of liberation	Asiatic	19853106	2014	8	2
Wong C.-Y., Tan E.-L., Cheong S.-K.	In vitro differentiation of mesenchymal stem cells into mesangial cells when co-cultured with injured mesangial cells	Cell Biology International	10656995	2014	38	4
Tan M.-H., Chong K.-K., Wong C.-W.	Optical characterization of nonimaging dish concentrator for the application of dense-array concentrator photovoltaic system	Applied Optics	1559-128X	2014		3
Wong F.-C., Yong A.-L., Sim K.-M., Ong H.-C., Chai T.-T.	Proteomic analysis of bacterial expression profiles following exposure to organic solvent flower extract of Melastoma candidum D don (melastomataceae)	Tropical Journal of Pharmaceutical Research	15965996	2014	13	7
Ching K.S., Ching Y.C., Ng C.A., Ishenny N., Beg M.T.H.	Effect of polyurethane/nanosilica composite coating on water resistance of paper substrate	Materials Research Innovations	14328917	2014	18	
Liew S.-W., Ong S.-T.	Removal of basic blue 3 dye using pomelo peel	Asian Journal of Chemistry	9707077	2014	26	13
Beng C.O.S., Keong Y.C.	A corpus study of structural types of lexical bundles in MUET reading texts	3L: Language, Linguistics, Literature	1285157	2014	20	2
Chew T.L., Ahmad A.L., Bhatia S.	Development of Ba-FAPO-34 zeolite membrane for separation of CO <sub>2</sub> in the binary gas mixtures	Jurnal Teknologi (Sciences and Engineering)	1279696	2014	69	9
Lim M.S.M., Ali S.H.M., Jahariah S., Islam M.S.	Modelling of hybrid energy harvester with DC-DC boost converter using arbitrary input sources for ultra-low-power micro-devices	IEEE International Conference on Semiconductor Electronics, Proceedings, ICSE		2014		
Yapp A., Fairuz M., Kuan G.K., PerngJeu N.	The borneorobot (BRT) concept art	Procedia Computer Science	18770509	2014	42	C
Yang C.C., Soh C.S., Yap V.V.	Comparative study of event detection methods for nonintrusive appliance load monitoring	Energy Procedia	18766102	2014	61	

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Bee S.-T., Hassan A., Ratnam C.T., Tee T.-T., Sin L.T.	Investigation of enhancing effect of nano-montmorillonite on fire-retardant added low-density polyethylene-ethylene vinyl acetate hybrid system	Journal of Thermoplastic Composite Materials	8927057	2014	27	11
Ha S.-T., Lee T.-L., Lee S.-L., Yeap G.-Y., Lin H.-C., Ito M.M.	Mesomorphic properties and X-ray diffraction studies of 4-alkanoxybenzylidene-4- $\beta$ -fluoroaniline	Asian Journal of Chemistry	9707077	2014	26	22
Wang C.C., Kam H.K., Cheong W.C.	Effect of tool eccentricity on the joint strength in mechanical clinching process, Mechanical clinching; Tool eccentricity; Offset clinching; Joint strength test	Procedia Engineering	18777058	2014	81	C
Abiodun I.A., Khuen C.W.	A Multi Agent Framework (MAFSNUD) for belief-desire-intention (BDI) model's decision-making problem in dynamic situations: An overview	Advanced Science Letters	19366612	2014	20	1
Wong F.-C., Yong A.-L., Ting E.P.-S., Khoo S.-C., Ong H.-C., Chai T.-T.	Antioxidant, metal chelating, anti-glucosidase activities and phytochemical analysis of selected tropical medicinal plants	Iranian Journal of Pharmaceutical Research	17350328	2014	13	4
Jin Z., Goi B.-M., Teoh A., Tay Y.H.	A two-dimensional random projected minutiae vicinity decomposition-based cancellable fingerprint template	Security and Communication Networks	19390114		7	11
Yeoh C.M., Phuah E.T., Tang T.K., Siew W.L., Abdullah L.C., Choong T.S.Y.	Molecular distillation and characterization of diacylglycerol-enriched palm olein	European Journal of Lipid Science and Technology	14387697		116	12
Teoh W.L., Khoo M.B.C., Castagliola P., Chakraborti S.	Optimal design of the double sampling $X_{\bar{c}}$ chart with estimated parameters based on median run length	Computers and Industrial Engineering	3608352	2014	67	1
Ho M.Y., Khiew P.S., Isa D., Tan T.K., Chiu W.S., Chia C.H.	Charge storage performance of lithiated iron phosphate/activated carbon composite as symmetrical electrode for electrochemical capacitor	Current Applied Physics	15671739	2014	14	11
Say Y.-H., Ban Z.-L., Arumugam Y., Kaur T., Tan M.-L., Chia P.-P., Fan S.-H.	Uncoupling protein 2 gene (UCP2) 45-bp I/D polymorphism is associated with adiposity among Malaysian women	Journal of Biosciences	2505991	2014	39	5
Foo K.-L., Ha S.-T., Lee S.-L.	Synthesis and characterization of thermotropic liquid crystals consisting heterocyclic benzothiazole core system	Asian Journal of Chemistry	9707077	2014	26	22
Chew T.L., Ahmad A.L.	Ba-SAPO-34 zeolite membrane for CO <sub>2</sub> /N <sub>2</sub> separation: Process optimization	Applied Mechanics and Materials	16609336	2014	625	
Asadi A., Zinatizadeh A.A., Sumathi S.	Industrial estate wastewater treatment using single Up-flow Aerobic/Anoxic Sludge Bed (UAASB) bioreactor: A kinetic evaluation study	Environmental Progress and Sustainable Energy	19447442	2014	33	4
Liew S.-Y., Gan M.-L., Lim C.S., Goh H.G.	Basketball net - A flexible and resilient topology for wireless sensor networks	International Conference on Ubiquitous and Future Networks, ICUFN	21658528	2014		
Chen H.V., Chin A.Y.M., Sharmini S.	Non-commutative generalized Latin squares of order 5 with certain number of distinct elements	AIP Conference Proceedings	0094243X	2014	1602	
Eu K.S., Yong S.L., Yip M.W., Lee Y.K., Ko Y.H., Yap K.M.	Fingers bending motion controlled electrical wheelchair by using flexible bending sensors with Kalman filter algorithm	Contemporary Engineering Sciences	13136569	2014	7	13-16
You K.Y., Abbas Z., You L.L., Lee K.Y., Cheng E.M.	Palm oil moisture monitoring based on dielectric properties at microwave frequencies	International Journal of Microwave and Optical Technology	15530396	2014	9	4
Chong H.Y., Low T.S.	Accidents in Malaysian construction industry: Statistical data and court cases	International Journal of Occupational Safety and Ergonomics	10803548	2014	20	3
Ooi B.Y., Wong C.S., Tan I.K., Lee C.K.	Towards natural gestures for presentation control using microsoft kinect	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	3029743	2014	8879	
Chew C.Y., Lim C.S.	Rectangular numbers and rational distance	Far East Journal of Mathematical Sciences	9720871	2014	90	1
Lim Y.M., Ayesh A., Stacey M.	Detecting emotional stress during typing task with time pressure	Proceedings of 2014 Science and Information Conference, SAI 2014		2014		
Lim Y.M., Ayesh A., Stacey M.	The effects of menu design on users' emotions, search performance and mouse behaviour	Proceedings of 2014 IEEE 13th International Conference on Cognitive Informatics and Cognitive Computing, ICCI'CC 2014		2014		
Choong C.-S., Win Y.-F., Ha S.-T., Yousif E.	Synthesis, characterization and antibacterial activity of organotin(IV) complexes derivatives of 2-chloro-4-nitrobenzoic acid	Asian Journal of Chemistry	9707077	2014	26	10
Foo K.-L., Ha S.-T., Win Y.-F., Yeap G.-Y., Lin H.-C., Sastry S.S.	Synthesis and mesomorphic behaviours of a homologous series of 2-(4-alkoxybenzylideneamino)benzothiazoles	Liquid Crystals	2678292	2014	41	11
Li W.C., Wen Y.F., Cai H., Xue M.C., Xie D.S., Lee L.M.	Discussion of Critical hydraulic gradients of internal erosion under complex stress states by D. S. Chang and L. M. Zhang	Journal of Geotechnical and Geoenvironmental Engineering	10900241	2014	140	11
Siaw F.-L., Chong K.-K., Wong C.-W.	A comprehensive study of dense-array concentrator photovoltaic system using non-imaging planar concentrator	Renewable Energy	9601481	2014	62	
Sow S.L.S., Khoo G., Chong L.K., Smith T.J., Harrison P.L., Ong H.K.A.	Molecular diversity of the methanotrophic bacteria communities associated with disused tin-mining ponds in Kampar, Perak, Malaysia	World Journal of Microbiology and Biotechnology	9593993	2014	30	10
Hui Ling F.C., Ching Yat D.N., Muhamad R.B.	An empirical re-investigation on the 'buy-and-hold strategy' in four Asian markets: A 20 years' study	World Applied Sciences Journal	18184952	2014	30	30 A
Lo C.K., Lim Y.S., Wong M.C., Tian Y.K.	The application of novel platinum-reinforced tin-silver-copper solder to bifacial photovoltaic module for improvement of yield and reliability	Journal of Solar Energy Engineering, Transactions of the ASME	1996231	2014	136	4
Cheah H.-Y., Wong Y.-Y., Wong H.-K., Lim W.-S., Chew C.-H.	Nicotinic acid, lauric acid and kaempferol abolish ATP-binding cassette transporter subfamily A member 1 (ABCA1) down-regulation by TNF- $\alpha$ in hepatocarcinoma HepG2 cell line	Biomedical Research (India)	0970938X	2014	25	3
Rehman M., Mahmood A.K., Salleh R., Amin A.	Framework to increase knowledge sharing behavior among software engineers	Research Journal of Applied Sciences, Engineering and Technology	20407459	2014	7	4
Rehman M., Mahmood A.K., Salleh R., Amin A.	Job satisfaction and knowledge sharing among computer and information science faculty members: A case of Malaysian universities	Research Journal of Applied Sciences, Engineering and Technology	20407459	2014	7	4
Toh T.-C., Lim C.-S., Ting C., Ali K.-N., Aliaga G.-U., Goh K.-C.	A preliminary survey of factors influencing project cost estimating practice in the Klang Valley of Malaysia	Applied Mechanics and Materials	16609336	2014	470	
Durairaj R., Das M., Morris E., Namasivayam S.	Investigation on the morphology of sintered silver nanomaterial for electronic packaging application	Advanced Materials Research	10226680	2014	832	
Chong H.-Y., Preece C.N.	Improving construction procurement systems using organizational strategies	Acta Polytechnica Hungarica	17858860	2014	11	1
Palanisamy N.K., Ferina N., Amirulhusni A.N., Mohd-Zain Z., Hussaini J., Ping L.J., Durairaj R.	Antibiofilm properties of chemically synthesized silver nanoparticles found against Pseudomonas aeruginosa	Journal of Nanobiotechnology	14773155	2014	12	1

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Ng H.-M., Bee S.-T., Ratnam C.T., Sin L.T., Phang Y.-Y., Tee T.-T., Rahmat A.R.	Effectiveness of trimethylpropane trimethacrylate for the electron-beam-irradiation-induced cross-linking of polylactic acid	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms	0168583X	2014	319	
Chew K.W.	Development of novel bio-degradable electrolyte based on polylactide (pla) for lithium rechargeable battery	Advanced Materials Research	10226680	2014	853	
Sow S.L.S., Khoo G., Chong L.K., Smith T.J., Harrison P.L., Ong H.K.A.	Molecular diversity of the ammonia-oxidizing bacteria community in disused tin-mining ponds located within Kampar, Perak, Malaysia	World Journal of Microbiology and Biotechnology	9593993	2014	30	2
Chew W.F., Maszyta M., Leong P.P., Boo N.Y., Zin T., Choo K.B., Yap S.F.	Prevalence of obesity and its associated risk factors among Chinese adults in a Malaysian suburban village	Singapore Medical Journal	375675	2014	55	2
Ramli N., Said M., Mizan A.B.A., Tan Y.-N., Ayob M.K.	Physicochemical Properties of Blends of Palm Mid-Fraction, Palm Stearin and Olive Oil	Journal of Food Quality	1469428	2014	37	1
Ramesh S., Uma O., Shanti R., Yi L.J., Ramesh K.	Preparation and characterization of poly (ethyl methacrylate) based polymer electrolytes doped with 1-butyl-3-methylimidazolium trifluoromethanesulfonate	Measurement: Journal of the International Measurement Confederation	2632241	2014	48	1
Ting C.-H., Yeo W.-H., King Y.-J., Chuah Y.-D., Lee J.-V., Khaw W.-B.	Humanoid robot: A review of the architecture, applications and future trend	Research Journal of Applied Sciences, Engineering and Technology	20407459	2014	7	7
Khin A.A., Thambiah S., Chau W.H., Mohamadpour B., Balakrishnan G.	Monetary policy and gross domestic product in Malaysia: An econometric investigation	Middle - East Journal of Scientific Research	19909233	2014	19	4
Woo J.O., Misran M., Lee P.F., Tan L.P.	Development of a controlled release of salicylic acid loaded stearic acid-oleic acid nanoparticles in cream for topical delivery	The Scientific World Journal	1537744X	2014	2014	
Lai W.K., Yeap B.K., Lim L.L., Maul T.H.	Analysis of artificially illuminated static indoor scenes	Proceedings of SPIE - The International Society for Optical Engineering	0277786X	2014	9069	
Saadatkah N., Kassim A., Lee L.M.	Spatial patterns of precipitation, altitude and monsoon directions in Ulu Kelang area, Malaysia	Electronic Journal of Geotechnical Engineering	10893032	2014	19 C	
Saadatkah N., Kassim A., Lee L.M.	Qualitative and quantitative landslide susceptibility assessments in Hulu Kelang area, Malaysia	Electronic Journal of Geotechnical Engineering	10893032	2014	19 C	
Lu J., Yap W.-S., Henricksen M., Heng S.-H.	Differential attack on nine rounds of the SEED block cipher	Information Processing Letters	200190	2014	114	3
Sreeramareddy C.T., Qin Z.Z., Satyanarayana S., Subbaraman R., Pai M.	Delays in diagnosis and treatment of pulmonary tuberculosis in India: A systematic review	International Journal of Tuberculosis and Lung Disease	10273719	2014	18	3
Lim Y.S., Lo C.K., Kee S.Y., Ewe H.T., Faidz A.R.	Design and evaluation of passive concentrator and reflector systems for bifacial solar panel on a highly cloudy region - A case study in Malaysia	Renewable Energy	9601481	2014	63	
Chang Y.P., Tan M.P., Lok W.L., Pakianathan S., Supramaniam Y.	Making Use of Guava Seed (Psidium guajava L): The Effects of Pre-treatments on Its Chemical Composition	Plant Foods for Human Nutrition	9219668	2014	69	1
Ang G.T., Tan K.T., Lee K.T.	Recent development and economic analysis of glycerol-free processes via supercritical fluid transesterification for biodiesel production	Renewable and Sustainable Energy Reviews	13640321	2014	31	
Sastry S.S., Shaik B., Vishwam T., Ha S.T.	Excess thermodynamic and acoustic properties for the binary mixtures of Methyl Benzoate at T = (303, 308, 313, 318 and 323) K	Physics and Chemistry of Liquids	319104	2014	52	2
Wong C.-Y., Eng Y.-K., Habibullah M.S.	Rising China, anxious Asia? A Bayesian New Keynesian view	China Economic Review	1043951X	2014	28	
Andrew Ng C.R., Leong W.Y.	An EEG-based approach for left-handedness detection	Biomedical Signal Processing and Control	17468094	2014	10	1
Keng P.-S., Lee S.-L., Ha S.-T., Hung Y.-T., Ong S.-T.	Removal of hazardous heavy metals from aqueous environment by low-cost adsorption materials	Environmental Chemistry Letters	16103653	2014	12	1
Khoo K.S., Gwee P.S., Beh V., Chung T.C., Tan L.Y., Sit N.W., Ong H.C.	Antifungal and antibacterial properties of three medicinal plants from Malaysia	Acta Horticulturae	5677572	2014	1023	
Ang G.T., Tan K.T., Lee K.T., Mohamed A.R.	Biodiesel production via injection of superheated methanol technology at atmospheric pressure	Energy Conversion and Management	1968904	2014		
Khor Y.-C., Lim E.-H., Chung B.-K.	Broadside-coupled filtering circular patch power dividers	Progress In Electromagnetics Research C	19378718	2014	48	
Ho M.Y., Khiew P.S.	Heat-treated Fe3O4 - Activated carbon nanocomposite for high performance electrochemical capacitor	Advanced Materials Research	10226680	2014	894	
Bashir M.J.K., Aziz H.A., Amr Salem S.Abu, Sethupathi S., Ng C.A., Lim J.W.	The competency of various applied strategies in treating tropical municipal landfill leachate	Desalination and Water Treatment	19443994	2014		
Chon M.P., Tan K.B., Khaw C.C., Zainal Z., Taufiq Yap Y.H., Chen S.K., Tan P.Y.	Investigation of the phase formation and dielectric properties of Bi 7Ta3O18	Journal of Alloys and Compounds	9258388	2014	590	
Lee S.-R., Lim E.-H., Lo F.-L.	DRA reflectarray unit elements with thin under-loading parallel slots	Progress In Electromagnetics Research C	19378718	2014	48	
Sastry S.S., Mallika K., Vishwam T., Lakshminarayana S., Tiong H.S.	Image analysis method to study electro-optic parameters of nematogens	Liquid Crystals	2678292	2014	41	4
Kwong P.J., Nam H.Y., Wan Khadijah W.E., Kamarul T., Abdullah R.B.	Comparison of In Vitro developmental competence of cloned caprine embryos using donor karyoplasts from adult bone marrow mesenchymal stem cells vs ear fibroblast cells	Reproduction in Domestic Animals	9366768	2014	49	2
Liew K., Yong P.V.C., Lim Y.M., Navaratnam V., Ho A.S.H.	2-Methoxy-1,4-Naphthoquinone (MNQ) suppresses the invasion and migration of a human metastatic breast cancer cell line (MDA-MB-231)	Toxicology in Vitro	8872333	2014	28	3
Fang Q., Song B., Tee T.-T., Sin L.T., Hui D., Bee S.-T.	Investigation of dynamic characteristics of nano-size calcium carbonate added in natural rubber vulcanizate	Composites Part B: Engineering	13598368	2014	60	
Tan P.Y., Tan K.B., Khaw C.C., Zainal Z., Chen S.K., Chon M.P.	Phase equilibria and dielectric properties of Bi3+(5/2)xMg 2-xNb3-(3/2)xO14-x cubic pyrochlores	Ceramics International	2728842	2014	40	3
Lau T.-C.	Overview of Regulations and Development Trends of Functional Foods in Malaysia	Nutraceutical and Functional Food Regulations in the United States and Around the World: Second Edition		2014		
Lim Y.S., Tang J.H.	Experimental study on flicker emissions by photovoltaic systems on highly cloudy region: A case study in Malaysia	Renewable Energy	9601481	2014	64	
Tan K.B., Chon M.P., Khaw C.C., Zainal Z., Taufiq Yap Y.H., Tan P.Y.	Novel monoclinic zirconolite in Bi2O3-CuO-Ta 2O5 ternary system: Phase equilibria, structural and electrical properties	Journal of Alloys and Compounds	9258388	2014	592	
Saadatkah N., Kassim A., Lee L.M.	Hulu Kelang, Malaysia regional mapping of rainfall-induced landslides using TRIGRS model	Arabian Journal of Geosciences	18667511	2014		
Chong K.C., Lai S.O., Lee K.M., Lau W.J., Ismail A.F., Ooi B.S.	Characteristic and performance of polyvinylidene fluoride membranes blended with different additives in direct contact membrane distillation	Desalination and Water Treatment	19443994	2014		
Sung S.-Y., Sin L.T., Tee T.-T., Bee S.-T., Rahmat A.R., Rahman W.A.W.A.	Control of bacteria growth on ready-to-eat beef loaves by antimicrobial plastic packaging incorporated with garlic oil	Food Control	9567135	2014	39	1

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Tan G.W.-H., Ooi K.-B., Chong S.-C., Hew T.-S.	NFC mobile credit card: The next frontier of mobile payment?	Telematics and Informatics	7365853	2014	31	2
Bee S.-T., Hassan A., Ratnam C.T., Tee T.-T., Sin L.T., Hui D.	Dispersion and roles of montmorillonite on structural, flammability, thermal and mechanical behaviours of electron beam irradiated flame retarded nanocomposite	Composites Part B: Engineering	13598368	2014	61	
Lau L.-S., Choong C.-K., Eng Y.-K.	Investigation of the environmental Kuznets curve for carbon emissions in Malaysia: DO foreign direct investment and trade matter?	Energy Policy	3014215	2014	68	
Lin C.-Y., Prangiarote P., Yeh C.-H., Ng H.-F.	Reversible joint fingerprinting and decryption based on side match vector quantization	Signal Processing	1651684	2014	98	
Win Y.-F., Choong C.-S., Dang J.-C., Iqbal M.A., Quah C.K., Kanuparth S.R., Haque R.A., Ahamed M.B.K., Teoh S.-G.	Synthesis, crystal structures and spectroscopic properties of two new organotin (IV) complexes and their antiproliferative effect against cancerous and non-cancerous cells	Comptes Rendus Chimie	16310748	2015		
Tey J.Y., Ramli R., Kheng C.W., Chong S.Y., Abidin M.A.Z.	Identification of vehicle suspension parameters by design optimization	Engineering Optimization	0305215X	2014	46	5
Jin Z., Lim M.-H., Teoh A.B.J., Goi B.-M.	A non-invertible Randomized Graph-based Hamming Embedding for generating cancelable fingerprint template	Pattern Recognition Letters	1678655	2014	42	1
Huang C.-J., Nhi Nguyen P.N., Choo K.B., Sugii S., Wee K., Cheong S.K., Kamarul T.	Frequent co-expression of miRNA-5p and -3p species and cross-targeting in induced pluripotent stem cells	International Journal of Medical Sciences	14491907	2014	11	8
Tou B.S.Y., Neo K.E., Tey B.T., Ng M.Y.T.	Effect of phase inversion and separation on hepatitis B core antigen extraction from unclarified bacterial feedstock using aqueous two-phase system	Separation and Purification Technology	13835866	2014	130	
Huang Y.F., Puah Y.J., Chua K.C., Lee T.S.	Analysis of monthly and seasonal rainfall trends using the Holt's test	International Journal of Climatology	8998418	2014		
Sreehari Sastry S., Lakshmi Sarada K., Mallika K., Nageswara Rao C., Lakhminarayana S., Sie Tiong H.	Eigen value analysis studies on hydrogen-bonded mesogens	Liquid Crystals	2678292	2014		
Ong S.-T., Ong S.-T., Hung Y.-T., Phung Y.-P.	Application of conventional and statistical experimental methodology to optimize malachite green dye removal from aqueous solutions	Desalination and Water Treatment	19443994	2014		
Khoo H.L., Teoh L.E., Meng Q.	A bi-objective optimization approach for exclusive bus lane selection and scheduling design	Engineering Optimization	0305215X	2014	46	7
Liew C.-W., Durairaj R., Ramesh S.	Rheological studies of PMMA-PVC based polymer blend electrolytes with LiTFSI as doping salt	PLoS ONE	19326203	2014	9	7
Lee V.-H., Ooi K.-B.	Applying the Malcolm Baldrige National Quality Award criteria: an approach to strengthen organisational memory and process innovation	Total Quality Management and Business Excellence	14783363	2014		
Khoo H.L., Teoh L.E.	A bi-objective dynamic programming approach for airline green fleet planning	Transportation Research Part D: Transport and Environment	13619209	2014		
Lau L.-S., Choong C.-K., Eng Y.-K.	Carbon dioxide emission, institutional quality, and economic growth: Empirical evidence in Malaysia	Renewable Energy	9601481	2014	68	
Sreeramareddy C.T., Rahman M., Harsha Kumar H.N., Shah M., Hossain A.M., Sayem M.A., Moreira J.M., Van Den Ende J.	Intuitive weights of harm for therapeutic decision making in smear-negative pulmonary Tuberculosis: An interview study of physicians in India, Pakistan and Bangladesh	BMC Medical Informatics and Decision Making	14726947	2014	14	1
Williams C.M.L., Cheah E.S.G., Malkin J., Patel H., Otu J., Milaga K., Sutherland J.S., Antonio M., Perera N., Woltmann G., Haldar P., Garton N.J., Barer M.R.	Face mask sampling for the detection of Mycobacterium tuberculosis in expelled aerosols	PLoS ONE	19326203	2014	9	8
Ho M.Y., Khiew P.S., Isa D., Tan T.K., Chiu W.S., Chia C.H.	A REVIEW OF METAL OXIDE COMPOSITE ELECTRODE MATERIALS FOR ELECTROCHEMICAL CAPACITORS	Nano	17932920	2014		2
Choong P.F., Teh H.X., Teoh H.K., Ong H.K., Choo K.B., Sugii S., Cheong S.K., Kamarul T.	Heterogeneity of osteosarcoma cell lines led to variable responses in reprogramming	International Journal of Medical Sciences	14491907	2014	11	11
Chan S.C., Poznanski R.R., Goh S.Y.	Network activity in a Morris-Lecar population density model	Neurocomputing	9252312	2014	138	
Jegannathan B., Kullgren G., Deva P.	Mental health services in Cambodia, challenges and opportunities in a post-conflict setting	Asian Journal of Psychiatry	18762018	2014		
Sreeramareddy C.T., Pradhan P.M.S., Mir I.A., Sin S.	Smoking and smokeless tobacco use in nine South and Southeast Asian countries: Prevalence estimates and social determinants from Demographic and Health Surveys	Population Health Metrics	14787954	2014	12	1
Koo C.H., Mohammad A.W., Suja' F.	Effect of cross-flow velocity on membrane filtration performance in relation to membrane properties	Desalination and Water Treatment	19443994	2014		
Bee S.-T., Ratnam C.T., Sin L.T., Tee T.-T., Wong W.-K., Lee J.-X., Rahmat A.R.	Effects of electron beam irradiation on the structural properties of polylactic acid/polyethylene blends	Nuclear Instruments and Methods in Physics Research, Section B: Beam Interactions with Materials and Atoms	0168583X	2014	334	
Pang S.L., Ong S.S., Lee H.H., Zamri Z., Kandasamy K.I., Choong C.Y., Wickneswari R.	Isolation and characterization of CCoAOMT in interspecific hybrid of Acacia auriculiformis x Acacia mangium - A key gene in lignin biosynthesis	Genetics and Molecular Research	16765680	2014	13	3
Hoque M.E., Meng T.T.H., Chuan Y.L., Chowdhury M., Prasad R.G.S.V.	Fabrication and characterization of hybrid PCL/PEG 3D scaffolds for potential tissue engineering applications	Materials Letters	0167577X	2014	131	
Khoo J.M.Y., Chee S.Y., Lee C.L., Nagalingam S.	Superabsorbent polymer prepared using carboxymethyl cellulose derived from Ceiba pentandra (L.) Gaertn. (kapok) cotton	Journal of Applied Polymer Science	218995	2014	131	18
Ngoo Y.T., Tey N.P., Tan E.C.	Determinants of Life Satisfaction in Asia	Social Indicators Research	3038300	2014		
Choo K.B., Soon Y.L., Nguyen P.N.N., Hiew M.S.Y., Huang C.-J.	MicroRNA-5p and -3p co-expression and cross-targeting in colon cancer cells	Journal of Biomedical Science	10217770	2014	21	1
Abu N., Akhtar M.N., Yeap S.K., Lim K.L., Ho W.Y., Zulfadli A.J., Omar A.R., Sulaiman M.R., Abdullah M.P., Alitheen N.B.	Flavokawain a induces apoptosis in MCF-7 and MDA-MB231 and inhibits the metastatic process in vitro	PLoS ONE	19326203	2014	9	10
Yong A.-L., Ooh K.-F., Ong H.-C., Chai T.-T., Wong F.-C.	Investigation of antibacterial mechanism and identification of bacterial protein targets mediated by antibacterial medicinal plant extracts	Food Chemistry	3088146	2015		
Shuit S.H., Ng E.P., Tan S.H.	A facile and acid-free approach towards the preparation of sulphonated multi-walled carbon nanotubes as a strong protonic acid catalyst for biodiesel production	Journal of the Taiwan Institute of Chemical Engineers	18761070	2015		
Azmi N.B., Bashir M.J.K., Sethupathi S., Wei L.J., Aun N.C.	Stabilized landfill leachate treatment by sugarcane bagasse derived activated carbon for removal of color, COD and NH3-N - Optimization of preparation conditions by RSM	Journal of Environmental Chemical Engineering	22133437	2014		



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Chai T.-T., Kwek M.-T., Ong H.-C., Wong F.-C.	Water fraction of edible medicinal fern <i>Stenochlaena palustris</i> is a potent $\alpha$ -glucosidase inhibitor with concurrent antioxidant activity	Food Chemistry	3088146	2015		
Mah S.-K., Chang C.C.H., Wu T.Y., Chai S.-P.	The study of reverse osmosis on glycerin solution filtration: Dead-end and crossflow filtrations, transport mechanism, rejection and permeability investigations	Desalination	119164	2014	352	
Lee V.-H., Ooi K.-B., Chong A.Y.-L., Seow C.	Creating technological innovation via green supply chain management: An empirical analysis	Expert Systems with Applications	9574174	2014	41	16
Khoo H.L., Teoh L.E.	A bi-objective dynamic programming approach for airline green fleet planning	Transportation Research Part D: Transport and Environment	13619209	2014	33	
Nizamani Z., Kurian V.J., Liew M.S.	Determination of environmental load factors for ISO 19902 code in offshore Malaysia using FORM structural reliability method	Ocean Engineering	298018	2014	92	
Kim S.H., Chong P.K., Kim D.	A location-free semi-directional-flooding technique for on-demand routing in low-rate wireless mesh Networks	IEEE Transactions on Parallel and Distributed Systems	10459219	2014	25	12
Hii S.-L., Lip K.-F., Loh Y.-T., Wong C.-L.	Statistical optimization of fermentable sugar extraction from the Malaysian brown alga <i>Sargassum binderi</i>	Journal of Applied Phycology	9218971	2014		
Azmi N.B., Bashir M.J.K., Sethupathi S., Ng C.A.	Anaerobic stabilized landfill leachate treatment using chemically activated sugarcane bagasse activated carbon: kinetic and equilibrium study	Desalination and Water Treatment	19443994	2014		
Ho C.-D., Ng C.A., Wang P.-H., Cheng C.-H.	Theoretical and experimental studies of immediate assisted solar air gap membrane distillation systems	Desalination and Water Treatment	19443994	2014		
Sreeramareddy C.T., Pradhan P.M., Sin S.	Prevalence, distribution, and social determinants of tobacco use in 30 sub-Saharan African countries	BMC Medicine	17417015	2014	12	1
See Z.S., Cheok A.D.	Virtual reality 360 interactive panorama reproduction obstacles and issues	Virtual Reality	13594338	2014		
Daverey A., Chei P.C., Dutta K., Lin J.-G.	Statistical analysis to evaluate the effects of temperature and pH on anammox activity	International Biodeterioration and Biodegradation	9648305	2015		
Lim S.K., Tan C.S., Zhao X., Ling T.C.	Strength and toughness of lightweight foamed concrete with different sand grading	KSCE Journal of Civil Engineering	12267988	2014		