

UTAR STAFF PUBLICATIONS INDEXED IN SCOPUS IN 2016

AUTHOR	TITLE	SOURCE TITLE	ISSN	YEAR	VOLUME	ISSUE
Khan M.B., Nisar H., Ng C.A., Lo P.K.	A Vignetting Correction Algorithm for Bright-Field Microscopic Images of Activated Sludge	2016 International Conference on Digital Image Computing: Techniques and Applications, DICTA 2016		2016		
Chong Z.-K., Ohsaki H., Ng B., Goi B.-M., Ewe H.-T., Chong S.-R.	Improving Reliable Transmission Throughput with Systematic Random Code	Proceedings - Conference on Local Computer Networks, LCN		2016		
Joseph Ng P.S., Kang C.M., Mahmood A.K., Wong S.W., Phan K.Y., Saw S.H., Lim J.T.	EaaS: Available yet hidden infrastructure inside MSE	ACM International Conference Proceeding Series		2016	127265	
Lee V.-H., Foo A.T.-L., Leong L.-Y., Ooi K.-B.	Can competitive advantage be achieved through knowledge management? A case study on SMEs	Expert Systems with Applications	9574174	2016	65	
Chen P.-H., Ong C.-F., Hsu S.-C.	Understanding the relationships between environmental management practices and financial performances of multinational construction firms	Journal of Cleaner Production	9596526	2016	139	
Savita K.S., Thivaanraj Y.M., Subarna S., Manoranjitham M.	User perception on environmental friendly practices among primary schoolchildren in Perak	2016 3rd International Conference on Computer and Information Sciences, ICCOINS 2016 - Proceedings		2016		
Voon W.P., Mustapha N., Affendey L.S., Khalid F.	A new clustering approach for group detection in scene-independent dense crowds	2016 3rd International Conference on Computer and Information Sciences, ICCOINS 2016 - Proceedings		2016		
Sangodiah A., Ahmad R., Ahmad W.F.W.	Integration of machine learning approach in item bank test system	2016 3rd International Conference on Computer and Information Sciences, ICCOINS 2016 - Proceedings		2016		
Ooi J.O., Hussin F.A.B., Zakaria N.	Dual-Engine Cross-ISA DBTO Technique Utilising MultiThreaded Support for Multicore Processor System	Proceedings - IEEE 10th International Symposium on Embedded Multicore/Many-Core Systems-on-Chip, MCSoC 2016		2016		
Lim S.-Y., Ooi A.-L., Wong W.-L.	Gill monogeneans of Nile tilapia (<i>Oreochromis niloticus</i>) and red hybrid tilapia (<i>Oreochromis spp.</i>) from the wild and fish farms in Perak, Malaysia: infection dynamics and spatial distribution	SpringerPlus	21931801	2016	5	1
Lim K.Y., Lim Y.S., Wong J., Chua K.H.	Distributed energy storage with real and reactive power controller for power quality issues caused by renewable energy and electric vehicles	Journal of Energy Engineering	7339402	2016	142	4
Nga A.K.-S., Tho L.-Y., Lim C.-H., Lim C.-K., Say Y.-H.	Evaluation of neuroprotective properties of two synthetic prenylated xanthone analogues against paraquat and 6-hydroxydopamine toxicity in human neuroblastoma SH-SY5Y cells	Tropical Journal of Pharmaceutical Research	15965996	2016	15	12
Lin C.K., Bashir M.J.K., Abu Amr S.S., Sim L.C.	Post-treatment of palm oil mill effluent (POME) using combined persulfate with hydrogen peroxide ($\text{S} < \text{inf} > 2 < / \text{inf} > \text{O} < \text{inf} > 8 < / \text{inf} > \text{sup} < 2 < / \text{sup} > \text{H} < \text{inf} > 2 < / \text{inf} > \text{O} < \text{inf} > 2 < / \text{inf} >$) oxidation	Water Science and Technology	2731223	2016	74	11
Yassoralipour A., Bakar J., Abdul Rahman R., Abu Bakar F.	Physicochemical Properties, Microbial Profile, and Biogenic Amines Content of Barramundi (<i>Lates calcarifer</i> Bloch) Fillets Wrapped in Selected Packaging Films Under Modified Atmosphere Packaging	International Journal of Food Properties	10942912	2016	19	12
Lai S.O., Heng S.L., Chong K.C., Lau W.J.	Deacidification of palm oil using solvent extraction integrated with membrane technology	Jurnal Teknologi	1279696	2016	78	12
Raji Y.M., Lin H.S., Ibrahim S.A., Mokhtar M.R., Yusoff Z.	Intensity-modulated abrupt tapered Fiber Mach-Zehnder Interferometer for the simultaneous sensing of temperature and curvature	Optics and Laser Technology	303992	2016	86	
Teoh C.-Y., Ng W.-K.	The implications of substituting dietary fish oil with vegetable oils on the growth performance, fillet fatty acid profile and modulation of the fatty acid elongase, desaturase and oxidation activities of red hybrid tilapia, <i>Oreochromis</i> sp.	Aquaculture	448486	2016	465	
Sim S.Z., Ong S.H.	A generalized inverse trinomial distribution with application	Statistical Methodology	15723127	2016	33	
De A., Loo T.-H.	Generalized Sasakian Space Forms and Riemannian Manifolds of Quasi Constant Sectional Curvature	Mediterranean Journal of Mathematics	160605446	2016	13	6
Kim-Soon N., Ibrahim M.A., Ahmad A.R., Xin Sirisa N.M.	Continuous intention to use m-learning among students of Malaysian technical university network universities	Advanced Science Letters	19366612	2016	22	12
Balasubramaniam A., Mansor S.A., Puah C.H.	The Relationship between Trade Integration and Economic Growth: Case of ASEAN-5 Countries	Global Economy Journal	15245861	2016	16	4
Chin W.C., Lee M.C., Yap G.L.C.	Heterogeneous autoregressive model with structural break using nearest neighbor truncation volatility estimators for DAX	SpringerPlus	21931801	2016	5	1
Boo M.C., Yen S.H., Lim H.E.	A note on happiness and life satisfaction in Malaysia	Malaysian Journal of Economic Studies	15114554	2016	53	2
Tan J., Chan Z.-Y., Lim P.-E., Koh J.K.-H., Yong H.-S.	A multigene approach to determine the molecular phylogeography of <i>Argiope</i> mangal and <i>Argiope</i> dang (Araneae: Araneidae) and their genetic relationships with the <i>Argiope aetheraea</i> species group	Biochemical Systematics and Ecology	3051978	2016	69	
Zhao J.J., Xiao J.G., Lee M.L., Ma Y.T.	Discrete element modeling of a mining-induced rock slide	SpringerPlus	21931801	2016	5	1
Ong K.S., Tan C.F., Lai K.C., Tan K.H., Singh R.	Thermal management of LED with vapor chamber and thermoelectric cooling	Proceedings of the IEEE/CPMT International Electronics Manufacturing Technology (IEMT) Symposium	10898190	2016	2016-	
Shafie A., Pransisco P., Guan B.H., Annur R.	Synthesis and characterization of $\text{Ni} < \text{inf} > 0.5 < / \text{inf} > \text{Zn} < \text{inf} > 0.4 < / \text{inf} > \text{Cu} < \text{inf} > 0.1 < / \text{inf} > \text{Fe} < \text{inf} > 2 < / \text{inf} > \text{O} < \text{inf} > 4 < / \text{inf} >$ as a magnetic feeder for electromagnetic transmitter application	AIP Conference Proceedings	0094243X	2016	1787	
Selvaraj G., Wilfred C.D., Eang N.K.	Recrystallized quinolinium ionic liquids for electrochemical analysis	AIP Conference Proceedings	0094243X	2016	1787	
Xin Hui Y., Yi Peng T., Wei Wen L., Zhong Xian O., Peck Loo K.	Environment friendly route of iron oxide nanoparticles from <i>Zingiber officinale</i> (ginger) root extract	AIP Conference Proceedings	0094243X	2016	1787	
See Z.S., Rengganaten V., Billingham M., Soo S.	Demo: Mobile audible AR experience for medical learning murmurs simulation	SA 2016 - SIGGRAPH ASIA 2016 Mobile Graphics and Interactive Applications		2016		
See Z.S., Rengganaten V., Billingham M., Soo S.	Medical learning murmurs simulation with mobile audible augmented reality	SA 2016 - SIGGRAPH ASIA 2016 Mobile Graphics and Interactive Applications		2016		
Lim J.-W., Lam K.-Y., Bashir M.J.K., Yeong Y.-F., Lam M.-K., Ho Y.-C.	Spent coffee grounds-based activated carbon preparation for sequestering of malachite green	AIP Conference Proceedings	0094243X	2016	1787	
Qin Y., Hu Z., Lim B.H., Chang W.S., Chong K.K., Zhang P., Zhang H.	Solvothermal synthesis of $\text{TiO}_2 < \text{inf} > 2 < / \text{inf} > \text{Sm} < \text{sup} > 3 < / \text{sup} >$ nanoparticles and their enhanced photovoltaic properties	Journal of Alloys and Compounds	9258388	2016	686	
Khalil A., Liew Y.M., Ng S.C., Lai K.W., Hum Y.C.	Echocardiography to cardiac CT image registration: Spatial and temporal registration of the 2D planar echocardiography images with cardiac CT volume	2016 IEEE 18th International Conference on e-Health Networking, Applications and Services, Healthcom 2016		2016		
Younas M., Loong Kong L., Bashir M.J.K., Nadeem H., Shehzad A., Sethupathi S.	Recent Advancements, Fundamental Challenges, and Opportunities in Catalytic Methanation of $\text{CO} < \text{inf} > 2 < / \text{inf} >$	Energy and Fuels	8870624	2016	30	11
Pauzi A.Z.M., Yeap S.K., Abu N., Lim K.L., Omar A.R., Aziz S.A., Chow A.L.T., Subramani T., Tan S.G., Alitheen N.B.	Combination of cisplatin and bromelain exerts synergistic cytotoxic effects against breast cancer cell line MDA-MB-231 <i>in vitro</i>	Chinese Medicine (United Kingdom)	17498546	2016	11	1
Hashim N.H.M., Tan K.W., Ling Y.	Determination of thermal comfort for social impact assessment: Case study in Kota Damansara, Selangor, Malaysia	American Journal of Applied Sciences	15469239	2016	13	11
Lum C.-F., Xin F., Ewe H.-T., Jiang L.-J.	A study of scattering from a layer of random discrete medium with Hierarchical Equivalent Source Algorithm (HESA)	2016 Progress In Electromagnetics Research Symposium, PIERS 2016 - Proceedings		2016		
Zheng Y., Wang Q., Zhuang W., Lu X., Miron A., Chai T.-T., Zheng B., Xiao J.	Cytotoxic, Antitumor and Immunomodulatory Effects of the Water-Soluble Polysaccharides from Lotus (<i>Nelumbo nucifera</i> Gaertn.) Seeds	Molecules (Basel, Switzerland)	14203049	2016	21	11
Cheng E.M., Abbas Z., Rahim Samsuddin H.A., Lee K.Y., You K.Y., Hassan J., Zainuddin H., Khor S.F.	Analysis on monopole antenna for moisture determination in oil palm fruit using finite difference method	Journal of Electrical Engineering and Technology	19750102	2016	11	6
Lee Y.J., Yeong K.C., Ewe H.T.	Forward and inverse models for sea ice physical parameter retrieval	International Geoscience and Remote Sensing Symposium (IGARSS)		2016	2016-	
Sin J.-C., Lam S.-M.	Hydrothermal synthesis of europium-doped flower-like ZnO hierarchical structures with enhanced sunlight photocatalytic degradation of phenol	Materials Letters	0167577X	2016	182	
Shehzad A., Bashir M.J.K., Sethupathi S., Lim J.-W., Younas M.	Bioelectrochemical system for landfill leachate treatment – challenges, opportunities, and recommendations	Geosystem Engineering	12269328	2016	19	6
Chandrasekaran K., Ramachandaramurthy V.K.	An improved Dynamic Voltage Restorer for power quality improvement	International Journal of Electrical Power and Energy Systems	1420615	2016	82	
Younas M., Leong L.K., Mohamed A.R., Sethupathi S.	$\text{CO} < \text{inf} > 2 < / \text{inf} >$ Adsorption by Modified Palm Shell Activated Carbon (PSAC) Via Chemical and Physical Activation and Metal Impregnation	Chemical Engineering Communications	986445	2016	203	11

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Migin M.W., Falahat M.	Effect of social media usage on university students in an emerging country	Turkish Online Journal of Educational Technology	13036521	2016	2016	November Special Issue
Enshaei S., June Leong W., Farid M.	Diagonal quasi-Newton method via variational principle under generalized Frobenius norm	Optimization Methods and Software	10556788	2016	31	6
Yousif E., Salimon J., Salih N., Jawad A., Win Y.-F.	New stabilizers for PVC based on some diorganotin(IV) complexes with benzamidoleucine	Arabian Journal of Chemistry	18785352	2016	9	
Lim C.-L., Paramesran R., Jassim W.A., Yu Y.-P., Ngan K.N.	Blind image quality assessment for Gaussian blur images using exact Zernike moments and gradient magnitude	Journal of the Franklin Institute	160032	2016	353	17
Ray K.J., Larkin J.R., Tee Y.K., Khrapichev A.A., Karunanithy G., Barber M., Baldwin A.J., Chappell M.A., Sibson N.R.	Determination of an optimally sensitive and specific chemical exchange saturation transfer MRI quantification metric in relevant biological phantoms	NMR in Biomedicine	9523480	2016	29	11
Abdullah N.H., Hassan N.A., Sallehuddin I.S., Omar F.I.	The wired generation among university students in Malaysia	International Journal of Applied Linguistics and English Literature	22003592	2016	5	6
Chai H.Y., Meng L.K., Mohamed H., Woon H.H., Lai K.W.	Elimination of character-resembling anomalies within a detected region using density-dependent reference point construction in an automated license plate recognition system	Journal of Electronic Imaging	10179909	2016	25	6
Zheng Y., Wang Q., Zhuang W., Lu X., Miron A., Chai T.-T., Zheng B., Xiao J.	Cytotoxic, antitumor and immunomodulatory effects of the water-soluble polysaccharides from lotus (<i>Nelumbo nucifera Gaertn.</i>) seeds	Molecules	14203049	2016	21	11
Hui-Shan L., Taw-Onn Y., Wai-Mun H.	Capital raising of aerospace companies: Equities or debts?	IOP Conference Series: Materials Science and Engineering	17578981	2016	152	1
Tan C.S., Pooi A.H.	Prediction of mortality rates using a model with stochastic parameters	AIP Conference Proceedings	0094243X	2016	1782	
Pooi A.-H., Soo H.-C., Pan W.-Y.	Prediction of the start of next recession using latent factors	AIP Conference Proceedings	0094243X	2016	1782	
Wong J., Lim Y.S.	Revolution of energy storage system in smart grids	Renewable and Alternative Energy: Concepts, Methodologies, Tools, and Applications		2016		
Josephing P.S., Kang C.M., Choo P.Y., Wong S.W., Phan K.Y., Lim E.H.	Beyond cloud infrastructure services in medium size manufacturing	2015 International Symposium on Mathematical Sciences and Computing Research, iSMSC 2015 - Proceedings		2016		
Ooi K.-B., Tan G.W.-H.	Mobile technology acceptance model: An investigation using mobile users to explore smartphone credit card	Expert Systems with Applications	9574174	2016	59	
Chong K.-K., Khlyabich P.P., Hong K.-J., Reyes-Martinez M., Rand B.P., Loo Y.-L.	Comprehensive method for analyzing the power conversion efficiency of organic solar cells under different spectral irradiances considering both photonic and electrical characteristics	Applied Energy	3062619	2016	180	
Lin H.S., Raji Y.M., Lim J.H., Lim S.K., Mokhtar M.R., Yusoff Z.	Packaged in-line Mach-Zehnder interferometer for highly sensitive curvature and flexural strain sensing	Sensors and Actuators, A: Physical	9244247	2016	250	
Shanti R., Bella F., Salim Y.S., Chee S.Y., Ramesh S., Ramesh K.	Poly(methyl methacrylate-co-butyl acrylate-co-acrylic acid): Physico-chemical characterization and targeted dye sensitized solar cell application	Materials and Design	2641275	2016	108	
Yee L.K., Hau N.W., Kuan C.B., Nan P.Y., Sheng L.H., Hock L.E.	Modelling of microwave elliptical and conical tip sensors for in vivo dielectric measurements	RFM 2015 - 2015 IEEE International RF and Microwave Conference		2016		
Shehzad A., Bashir M.J.K., Sethupathi S., Lim J.-W.	An insight into the remediation of highly contaminated landfill leachate using sea mango based activated bio-char: optimization, isothermal and kinetic studies	Desalination and Water Treatment	19443994	2016	57	47
Chai T.-T., Khoo C.-S., Tee C.-S., Wong F.-C.	Alpha-glucosidase inhibitory and antioxidant potential of antidiabetic herb <i>Alternanthera sessilis</i> : Comparative analyses of leaf and callus solvent fractions	Pharmacognosy Magazine	9731296	2016	12	48
Tew L.-S., She L.-Y., Chew C.-H.	Isolation, antimicrobial susceptibility profile and detection of sul1, blateam, and blashv in amoxicillin-clavulante-resistant bacteria isolated from retail sausages in Kampar, Malaysia	Jundishapur Journal of Microbiology	20083645	2016	9	10
Shehzad A., Bashir M.J.K., Sethupathi S., Lim J.-W.	Simultaneous removal of organic and inorganic pollutants from landfill leachate using sea mango derived activated carbon via microwave induced activation	International Journal of Chemical Reactor Engineering	15426580	2016	14	5
Lee C.K., Sidhu M.S.	The potential of technology assisted engineering problem solving tool for engineering education	Advanced Science Letters	19366612	2016	22	10
Phing C.H., Chee O.Y.	Knowledge, attitude and practice on standard precautions for prevention of HIV infection among clinical year medical students	Medical Journal of Malaysia	3005283	2016	71	5
Beh W.L., Pooi A.H.	Improving prediction of gold prices through inclusion of macroeconomic variables	Pertanika Journal of Social Sciences and Humanities	1287702	2016	24	October
Yap W.-S., Phan R.C.-W., Goi B.-M., Yau W.-C., Heng S.-H.	On the effective subkey space of some image encryption algorithms using external key	Journal of Visual Communication and Image Representation	10473203	2016	40	
Yap W.H., Ahmed N., Lim Y.M.	Inhibition of Human Group IIa-Secreted Phospholipase A $\lt{>}2\lt{>$ and THP-1 Monocyte Recruitment by Maslinic Acid	Lipids	244201	2016	51	10
Chia G.L., Lee C.L.	Regular Graphs with Small Skewness and Crossing Numbers	Bulletin of the Malaysian Mathematical Sciences Society	1266705	2016	39	4
Jin Z., Lim M.-H., Teoh A.B.J., Goi B.-M., Tay Y.H.	Generating Fixed-Length Representation from Minutiae Using Kernel Methods for Fingerprint Authentication	IEEE Transactions on Systems, Man, and Cybernetics: Systems	10834427	2016	46	10
Cheng E.M., Abbas Z., AbdulMalek M., Lee K.Y., You K.Y., Khor S.F., Hassan J., Zainuddin H.	Finite difference analysis of an open-ended, coaxial sensor made of semi-rigid coaxial cable for determination of moisture in tenera oil palm fruit	Applied Computational Electromagnetics Society Journal	10544887	2016	31	10-Jan
Li W.C., Dai F.C., Wei Y.Q., Wang M.L., Min H., Lee L.M.	Implication of subsurface flow on rainfall-induced landslide: a case study	Landslides	1612510X	2016	13	5
Wang L., Tan A.C.C., Cholette M., Gu Y.	Comparison of the effectiveness of analytical wake models for wind farm with constant and variable hub heights	Energy Conversion and Management	1968904	2016	124	
Hau L.C., Lim Y.S.	A real-time active peak demand reduction for battery energy storage with limited capacity	Journal of Communications	17962021	2016	11	9
Ong K.S.	Review of heat pipe heat exchangers for enhanced dehumidification and cooling in air conditioning systems	International Journal of Low-Carbon Technologies	17481317	2016	11	3-Jan
Wang L., Tan A., Gu Y.	A novel control strategy approach to optimally design a wind farm layout	Renewable Energy	9601481	2016	95	
Lau L.C., Nor N.M., Lee K.T., Mohamed A.R.	Hydrogen sulfide removal using CeO $\lt{>}2\lt{>/$ NaOH/PSAC: Effect of process conditions and regeneration study	Journal of Environmental Chemical Engineering	22133437	2016	4	3
Nambiar S., Balasubramaniam A.	Does ASEAN–India Trade Stimulate Income? A Cointegration Analysis Using the ARDL Approach	South Asia Economic Journal	13915614	2016	17	2
Tey J.Y., Ramli R., Abdullah A.S.	A new multi-objective optimization method for full-vehicle suspension systems	Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering	9544070	2016	230	11
Ahamad F., Phang S.W., Sin L.T.	Mechanical behaviour of thermoplastic starch/montmorillonite/alumina trihydrate nanocomposites	Journal of Engineering Science and Technology	18234690	2016	11	9
Ahmed M., Guo X., Zhao X.-M.	Determination and analysis of trace metals and surfactant in air particulate matter during biomass burning haze episode in Malaysia	Atmospheric Environment	13522310	2016	141	
Chong W.T., Wang X.H., Wong K.H., Mojumder J.C., Poh S.C., Saw L.H., Lai S.H.	Performance assessment of a hybrid solar-wind-rain eco-roof system for buildings	Energy and Buildings	3787788	2016	127	
Hassan F., Mohammed G., Mahdi S., Mahdy S., Win Y.-F., Mohammed S., Yousif E.	Cytochrome P450s in breast cancer	Research Journal of Pharmaceutical, Biological and Chemical Sciences	9758585	2016	7	5
Saw L.H., Ye Y., Tay A.A.O., Chong W.T., Kuan S.H., Yew M.C.	Computational fluid dynamic and thermal analysis of Lithium-ion battery pack with air cooling	Applied Energy	3062619	2016	177	
Khoo S.-W., Karuppanan S., Tan C.-S.	A review of surface deformation and strain measurement using two-dimensional digital image correlation	Metrology and Measurement Systems	8608229	2016	23	3
Cheng E.M., Abbas Z., AbdulMalek M., Lee K.Y., You K.Y., Khor S.F., Afendi M.	Geometrical optics based path loss model for furnished indoor environment	Applied Computational Electromagnetics Society Journal	10544887	2016	31	9
Hudu S.A., Harmal N.S., Saeed M.I., Alshari A.S., Malik Y.A., Niazin M.T., Hassan R., Sekawi Z.	Molecular and serological detection of occult hepatitis B virus among healthy hepatitis B surface antigen-negative blood donors in Malaysia	African Health Sciences	16806905	2016	16	3
Greco C., Arnolida G., Boo N.-Y., Iskander I.F., Okolo A.A., Rohiswatom R., Shapiro S.M., Watchko J., Wennberg R.P., Tiribelli C., Coda Zabetta C.D.	Neonatal Jaundice in Low- and Middle-Income Countries: Lessons and Future Directions from the 2015 Don Ostrow Trieste Yellow Retreat	Neonatology	16617800	2016	110	3
Azham M.A., Ojo M., Heang L.T., Yusof N.Z.M.	Corporate social responsibility and foreign direct investment: Legal, political, and historical influences on the development of auditing in malaysian	Analyzing the Relationship between Corporate Social Responsibility and Foreign Direct Investment		2016		
Ojo M., Ali A.M., Lee T.H., Mohamad R., Yusof N.Z.M.	The audit expectations gap: Mitigating information asymmetries and corporate social responsibility as a signaling device	Analyzing the Relationship between Corporate Social Responsibility and Foreign Direct Investment		2016		

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Tan W.-C., Chong K.-K.	Simplification of heat transfer modelling for 3-D open cell copper foam by using single-direction aligned cylinder-bank geometry	Applied Thermal Engineering	13594311	2016	107	
Ong S.-T., Lee W.-N.	Evaluation on the efficiency of ethylenediaminetetraacetic acid (EDTA)-modified rice husk as a low-cost sorbent for various dyes removal under continuous flow condition	Desalination and Water Treatment	19443994	2016	57	39
Zhang L., Feng X.K., Ng Y.K., Li S.C.	Reconstructing directed gene regulatory network by only gene expression data	BMC Genomics	14712164	2016	17	
Tang S., Ng T., Chong W., Chen K.	Case Study on Lean Manufacturing System Implementation in Batch Printing Industry Malaysia	MATEC Web of Conferences	2261236X	2016	70	
Ong K.S., Goh G., Tshai K.H., Chin W.M.	Thermal resistance of a thermosyphon filled with R410A operating at low evaporator temperature	Applied Thermal Engineering	13594311	2016	106	
Chon M.P., Tan K.B., Khaw C.C., Zainal Z., Taufiq-Yap Y.H., Chen S.K., Tan P.Y.	Subsolidus phase equilibrium and electrical properties of pyrochlore in the $\text{Bi}_{1-x}\text{In}_x\text{O}_3-\text{CuO}-\text{Ta}_{2-x}\text{In}_x\text{O}_3-\text{CuO}_2$ ternary system	Journal of Alloys and Compounds	9258388	2016	675	
Tse S.S.H.	Belated Analyses of Three Credit-Based Adaptive Polling Algorithms	International Journal of Foundations of Computer Science	1290541	2016	27	5
Chow T.J., Tee S.F., Yong H.S., Tang P.Y.	Genetic Association of TCF4 and AKT1 Gene Variants with the Age at Onset of Schizophrenia	Neuropsychobiology	0302282X	2016	73	4
Boo N.-Y., Cheah I.G.-S.	The burden of hypoxic-ischaemic encephalopathy in Malaysian neonatal intensive care units	Singapore Medical Journal	375675	2016	57	8
Jin Z., Teoh A.B.J., Goi B.-M., Tay Y.-H.	Biometric cryptosystems: A new biometric key binding and its implementation for fingerprint minutiae-based representation	Pattern Recognition	313203	2016	56	
Wong D.C.K., Ang M.H.	Results on building sets, extended building sets and double building sets	Far East Journal of Mathematical Sciences	9720871	2016	100	4
Kumar D., Rub M.A.	Aggregation behavior of amphiphilic drug promazine hydrochloride and sodium dodecybenzenesulfonate mixtures under the influence of NaCl/urea at various concentration and temperatures	Journal of Physical Organic Chemistry	8943230	2016	29	8
Tan I.K.T., Yaik O.B., Sheng O.B.	Predicting shopper volume using ARIMA on public Wi-Fi signals	Information (Japan)	13434500	2016	19	18A
Lim C.K., Hemaropini S., Gan S.Y., Loo S.M., Low J.R., Jong V.Y.M., Soo H.C., Leong C.O., Mai C.W., Chee C.F.	In vitro cytotoxic activity of isolated compounds from Malaysian Calophyllum species	Medicinal Chemistry Research	10542523	2016	25	8
Lee T.-Y., Lai M.-I., Ramachandran V., Tan J.A.M.A., Teh L.-K., Othman R., Hussein N.H., George E.	Rapid detection of o-thalassaemia variants using droplet digital PCR	International Journal of Laboratory Hematology	17515521	2016	38	4
Saeed A., Rutherford B., Yong W.H., Hoong O.B., Ban T.K., Kwang Y.H., Sreekantan S.	Structural and electrical properties of nickel–iron thin film on copper substrate for dynamic random access memory applications	Russian Journal of Electrochemistry	10231935	2016	52	8
Tan C.K., Said S., Rajandram R., Wang Z., Roslani A.C., Chin K.F.	Pre-surgical Administration of Microbial Cell Preparation in Colorectal Cancer Patients: A Randomized Controlled Trial	World Journal of Surgery	3642313	2016	40	8
Wong F.-C., Tan S.-T., Chai T.-T.	Phytochemical-mediated Protein Expression Profiling and the Potential Applications in Therapeutic Drug Target Identifications	Critical Reviews in Food Science and Nutrition	10408398	2016	56	
Khan M.B., Nisar H., Ng C.A., Lo P.K., Yap V.V.	Segmentation of activated sludge flocs with modeling of illumination noise	2016 IEEE International Conference on Consumer Electronics-Taiwan, ICCE-TW 2016		2016		
Nisar H., Khan M.B., Yi W.T., Voon Y.V., Khang T.S.	Contactless heart rate monitor for multiple persons in a video	2016 IEEE International Conference on Consumer Electronics-Taiwan, ICCE-TW 2016		2016		
Tham J.S., Chen Y.-S., Fauzi M.F.A., Chang Y.C.	Depth image object recognition using moment invariants	2016 IEEE International Conference on Consumer Electronics-Taiwan, ICCE-TW 2016		2016		
Bernard D.T.K., Kevin L.L.T., Khin A.A.	Entrepreneurial success through microfinance services among women entrepreneurs in Sri Lanka: A pilot study and overview of the findings	International Journal of Economics and Financial Issues	21464138	2016	6	3
Khan M.B., Nisar H., Ng C.A., Lo P.K.	Estimation of sludge volume index (SVI) using bright field activated sludge images	Conference Record - IEEE Instrumentation and Measurement Technology Conference	10915281	2016	2016-	
Chiet K.T.P., Kassim K.A., Chen K.B., Martula U., Yah C.S., Arefnia A.	Effect of Reagents Concentration on Biocementation of Tropical Residual Soil	IOP Conference Series: Materials Science and Engineering	17578981	2016	136	1
Lee L.M., Yasuo T., Wei L.C., Yuan L.C.	Development of Data Acquisition System for Consolidated Undrained Triaxial Test	IOP Conference Series: Materials Science and Engineering	17578981	2016	136	1
Marto A., Tan C.S., Makhtar A.M., Pakir F., Chong S.Y.	Effect of fines content on critical state parameters of sand matrix soils	AIP Conference Proceedings	0094243X	2016	1755	
Kheng C.W., Ku D.C., Ng H.F., Khattab M., Chong S.Y.	Curvature flight path for Particle Swarm Optimisation	GECCO 2016 - Proceedings of the 2016 Genetic and Evolutionary Computation Conference		2016		
Khoo M.B.C., Castagliola P., Liew J.Y., Teoh W.L., Maravelakis P.E.	A Study on EWMA charts with runs rules—the Markov chain approach	Communications in Statistics - Theory and Methods	3610926	2016	45	14
Chong W.T., Al-Mamoon A., Poh S.C., Saw L.H., Shamshirband S., Meijumder J.C.	Sensitivity analysis of heat transfer rate for smart roof design by adaptive neuro-fuzzy technique	Energy and Buildings	3787788	2016	124	
Ping L.Z., Chen C.H.	A Study to Compare the Cost of Operation and Maintenance in Green Building Index (GBI) and Non-Green Building Index (Non-GBI) Rated Building in Malaysia	MATEC Web of Conferences	2261236X	2016	66	
Yap J.B.H., Abdul-Rahman H., Wang C.	A Conceptual Framework for Managing Design Changes in Building Construction	MATEC Web of Conferences	2261236X	2016	66	
Lee X.S., Tsong C.W., Khamidi M.F.	SD Building Information Modelling-A Practicability Review	MATEC Web of Conferences	2261236X	2016	66	
Olanrewaju A., Anavie P.J., Aziz A.R.A., Chen C.H., Han W.S.	Determinants of procurement strategy for construction works: Quantity surveyors' perspectives	MATEC Web of Conferences	2261236X	2016	66	
Lee X.S., Yan C.P., See Z.S.	Irregular Shaped Building Design Optimization with Building Information Modelling	MATEC Web of Conferences	2261236X	2016	66	
Teh P.C., Ho Y.H., Ong C.E., Lee S.C., Teh P.S.	Compact, all fiber picosecond MOPA for supercontinuum generation	2016 IEEE 6th International Conference on Photonics, ICP 2016		2016		
Kuan-Yik L., Choon-Yeong K., Lan-Toh P., Leong-Lee C.	Enhancement of second harmonic generation in nonlinear photonic crystals with two defective layers	2016 IEEE 6th International Conference on Photonics, ICP 2016		2016		
Olanrewaju A.	Measuring the service gaps in the roles of quantity surveyors in the emerging market	Benchmarking	14635771	2016	23	5
Teoh W.L., Khoo M.B.C., Castagliola P., Lee M.H.	The Exact Run Length Distribution and Design of the Shewhart-X Chart with Estimated Parameters Based on Median Run Length	Communications in Statistics: Simulation and Computation	3610918	2016	45	6
Lim K.L., Teoh H.K., Choong P.F., Teh H.X., Cheong S.K., Kamarul I.	Reprogramming cancer cells: overview & current progress	Expert Opinion on Biological Therapy	14712598	2016	16	7
Shehzad A., Bashir M.J.K., Sethupathi S.	System analysis for synthesis gas (syngas) production in Pakistan from municipal solid waste gasification using a circulating fluidized bed gasifier	Renewable and Sustainable Energy Reviews	13640321	2016	60	
Chong K.C., Lai S.O., Thiam H.S., Teoh H.C., Heng S.L.	Recent progress of oxygen/nitrogen separation using membrane technology	Journal of Engineering Science and Technology	18234690	2016	11	7
Koo C.C.H., Wong K.H., Chong W.C., Thiam H.S.	Chemical cleaning of nanofiltration membranes fouled by organic matters	Journal of Engineering Science and Technology	18234690	2016	11	7
Kin C.P.	Student perception of technology use in maritime education	Turkish Online Journal of Educational Technology	13036521	2016	2016	july
Younas M., Sohail M., Kong L.L., Bashir M.J.K., Sethupathi S.	Feasibility of CO_{2} -adsorption by solid adsorbents: a review on low-temperature systems	International Journal of Environmental Science and Technology	17351472	2016	13	7
Ng P.S., Zhang F.	An improved hybrid model for order quantity allocation and supplier risk exposure	International Journal of Fuzzy System Applications	2156177X	2016	5	3
Abujayab S.K.M., Ahmad M.S.S., Yahya A.S., Bashir M.J.K., Aziz H.A.	GIS modelling for new landfill sites: Critical review of employed criteria and methods of selection criteria	IOP Conference Series: Earth and Environmental Science	17551307	2016	37	1
Hii S.-L., Lim J.-Y., Ong W.-T., Wong C.-L.	Agar from malaysian red seaweed as potential material for synthesis of bioplastic film	Journal of Engineering Science and Technology	18234690	2016	11	2015
Chon M.P., Tan K.B., Zainal Z., Taufiq-Yap Y.H., Tan P.Y., Khaw C.C., Chen S.K.	Synthesis and Electrical Properties of Zn-substituted Bismuth Copper Tantalate Pyrochlores	International Journal of Applied Ceramic Technology	1546542X	2016	13	4
Wei L.K., Sutherland H., Au A., Camilleri E., Haupt L.M., Gan S.H., Griffiths L.R.	Methylene-tetrahydrofolate Reductase CpG Islands: Epigenotyping	Journal of Clinical Laboratory Analysis	8878013	2016	30	4
Chong Guan N., Mohamed S., Kian Tiah L., Kar Mun T., Sulaiman A.H., Zainal N.Z.	Psychotherapy for cancer patients: A systematic review and meta-analysis	International Journal of Psychiatry in Medicine	912174	2016	51	5
Mokhtar N.M., Lau W.J., Ismail A.F., Kartohardjono S., Lai S.O., Teoh H.C.	The potential of direct contact membrane distillation for industrial textile wastewater treatment using PVDF-Cloisite 15A nanocomposite membrane	Chemical Engineering Research and Design	2638762	2016	111	
Ng Z.-G., Lim J.-W., Daud H., Ng S.-L., Bashir M.J.K.	Reassessment of adsorption-reduction mechanism of hexavalent chromium in attaining practicable mechanistic kinetic model	Process Safety and Environmental Protection	9575820	2016	102	
Kim-Soon N., Ahmad A.R., Sirisa N.M.X., Fang T.H., Tat H.H.	Behavioral factors affecting intention to use E-learning	Advanced Science Letters	19366612	2016	22	7
Ng C.H., Chan C.W., Lai J.W., Ooi I.H., Chong K.V., Maah M.J., Seng H.L.	Enantiomeric pair of copper(II) polypyridyl-alanine complexes: Effect of chirality on their interaction with biomolecules	Journal of Inorganic Biochemistry	1620134	2016	160	

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Abdulkarim-Talaq M., Srinivasa H.T., Sie-Tiong H., Hariprasad S., Guan-Yew Y.	Synthesis and comparative studies of phase transition behaviour of new dimeric liquid crystals consisting of dimethyluracil and biphenyl cores	Journal of Molecular Liquids	1677322	2016	219	
Liu J.K., Yeo S.L., Yap W.-S., Chow S.S.M., Wong D.S., Susilo W.	Faulty instantiations of threshold ring signature from threshold proof-of-knowledge protocol	Computer Journal	104620	2016	59	7
Choo H.-S., Lam S.-M., Sin J.-C., Mohamed A.R.	An efficient Ag_n>2</n>SO_n<4</n>-deposited ZnO in photocatalytic removal of indigo carmine and phenol under outdoor light irradiation	Desalination and Water Treatment	19443994	2016	57	30
Lee C.N., Ong H.C.	Bayesian analysis of change point problems for time series data	AIP Conference Proceedings	0094243X	2016	1750	
Wong L.Y., Ng C.A., Bashir M.J.K., Cheah C.K., Khoo K.L., Ching Y.C.	Membrane bioreactor performance improvement by adding adsorbent and coagulant: a comparative study	Desalination and Water Treatment	19443994	2016	57	29
Lee K.C., Arai T., Ibrahim D., Deng L., Murata Y., Mori Y., Kosugi A.	Characterization of oil-palm trunk residue degradation enzymes derived from the isolated fungus, Penicillium rolfssii c3-2(1) IBRL	Environmental Technology (United Kingdom)	9593330	2016	37	12
Lee H.-S., Cheng F.-F., Chong S.-C.	Markowitz portfolio theory and capital asset pricing model for Kuala Lumpur stock exchange: A case revisited	International Journal of Economics and Financial Issues	21464138	2016	6	3
Ali N.M., Akhtar M.N., Ky H., Lim K.L., Abu N., Zareen S., Ho W.Y., Alan-Ong H.K., Tan S.W., Altheen N.B., Ismail J.B., Yeap S.K., Kamarrul T.	Flavokawain derivative FLS induced G2/M arrest and apoptosis on breast cancer MCF-7 cell line	Drug Design, Development and Therapy	11778881	2016	10	
Voon C.H., Hui L.H., How Y.K.	Some constructions on total labelling of m triangles	AIP Conference Proceedings	0094243X	2016	1739	
Seng C.F., Yuen C.F., Chet K.Y., Hong M.C.	Solving differential equations by iterative Laplace homotopy analysis method(LHAM)	AIP Conference Proceedings	0094243X	2016	1739	
Hoe L.W., Siew L.W.	Portfolio optimization with mean-variance model	AIP Conference Proceedings	0094243X	2016	1739	
Siew L.W., Jaaman S.H., Ismail H.	Portfolio optimization for index tracking modelling in Malaysia stock market	AIP Conference Proceedings	0094243X	2016	1739	
Wong D.C.K.	Constructions of Binary Codes Based on Bipartite Graphs	Mathematics in Computer Science	16618270	2016	10	2
Khoo H.L., Asitha K.S.	An impact analysis of traffic image information system on driver travel choice	Transportation Research Part A: Policy and Practice	9658564	2016	88	
Lam S.-M., Sin J.-C., Mohamed A.R.	A review on photocatalytic application of g-C_n-N_n<4</n>-semiconductor (CNS) nanocomposites towards the erasure of dyeing wastewater	Materials Science in Semiconductor Processing	13698001	2016	47	
Balakrishnan B., Low F.S.	Learning Experience and Socio-Cultural Influences on Female Engineering Students' Perspectives on Engineering Courses and Careers	Minerva	264695	2016	54	2
Ong K.W.	Dynamic transitions of generalized kuramoto-sivashinsky equation	Discrete and Continuous Dynamical Systems - Series B	15313492	2016	21	4
Yap W.-S., Phan R.C.-W., Goi B.-M.	Cryptanalysis of a High-Definition Image Encryption Based on AES Modification	Wireless Personal Communications	9296212	2016	88	3
Hao H.M., Jaafar A.	A systematic design towards usability for novice designers	Telkomnika (Telecommunication Computing Electronics and Control)	16936930	2016	14	2
Mirzaei M., Faghini M., Ying T.P., El-Shafie A., Huang Y.F., Lee J.	Application of a rainfall-runoff model for regional-scale flood inundation mapping for the Langat River Basin	Water Practice and Technology	1751231X	2016	11	2
Hew J.-J., Lee V.-H., Ooi K.-B., Lin B.	Mobile social commerce: The booster for brand loyalty?	Computers in Human Behavior	7475632	2016	59	
Yong H.-S., Song S.-L., Lim P.-E., Eamsobhana P., Tan J.	Complete mitochondrial genome and phylogeny of Microhyla butleri (Amphibia: Anura: Microhylidae)	Biochemical Systematics and Ecology	3051978	2016	66	
Yu C.Y., Ang G.Y., Chin P.S., Ngeow Y.F., Yin W.-F., Chan K.-G.	Emergence of mcr-1-mediated colistin resistance in Escherichia coli in Malaysia	International Journal of Antimicrobial Agents	9248579	2016	47	6
Chee P.S., Nafea M., Leow P.L., Ali M.S.M.	Thermal analysis of wirelessly powered thermo-pneumatic micropump based on planar LC circuit	Journal of Mechanical Science and Technology	1738494X	2016	30	6
Le T.-X., Ho A.S.-H., Mah S.-H., Wong T.-W., Ong H.-C., Loh P.-H.-M., Lim Y.-M.	Determination of borneol and other chemical compounds of essential oil of Dryobalanops aromatica exudate from Malaysia	Tropical Journal of Pharmaceutical Research	15965996	2016	15	6
Yew S.M., Chan C.L., Ngeow Y.F., Toh Y.F., Na S.L., Lee K.W., Hoh C.-C., Yee W.-Y., Ng K.P., Kuan C.S.	Insight into different environmental niches adaptation and allergenicity from the Cladosporium sphaerospermum genome, a common human allergy-elliciting Dothideomycetes	Scientific Reports	20452322	2016	6	
Khoo M.B.C., Khoo J.L., Yeong W.C., Teoh W.L.	A comparative study between the variable sampling interval X and Double Sampling X Charts	Proceedings of 2016 IEEE International Conference on Control and Robotics Engineering, ICCRE 2016		2016		
Lim J.M., Chang Y.C., Alias M.Y., Loo J.	Cognitive radio network in vehicular ad hoc network (VANET): A survey	Cogent Engineering	23311916	2016	3	1
Loganathan A., Ng C.J., Low W.Y.	Views and experiences of Malaysian older persons about falls and their prevention - A qualitative study	BMC Geriatrics	14712318	2016	16	1
Khoo H.L., Tang C.Y.	Roundabout system capacity estimation and control strategy with origin-destination pattern	Journal of Transportation Engineering	0733947X	2016	142	5
Azmi N.B., Bashir M.J.K., Sethupathi S., Aun N.C., Lam G.C.	Optimization of preparation conditions of sugarcane bagasse activated carbon via microwave-induced KOH activation for stabilized landfill leachate remediation	Environmental Earth Sciences	18666280	2016	75	10
Ahmed M., Xinxin G.	A review of metal oxynitrides for photocatalysis	Inorganic Chemistry Frontiers	20521545	2016	3	5
Siah P.C., Niew K.M., Wong S.F., Lee S.C.	The relationship of social support and motivation with university adjustment among year one to year three tertiary undergraduates in Malaysia	Journal of Institutional Research South East Asia	16756061	2016	14	1
Soo Jin L., Shu Xu C.	Risky Pleasures: Malaysian Male Clients Transcending the Boundaries of Commercial Sex With Foreign Female Sex Workers	SAGE Open	21582440	2016	6	2
Teoh Y.P., Ooi Z.X.	Evaluation of unstructured kinetic models for the production of bioethanol from banana and pineapple wastes	BioResources	19302126	2016	11	2
Bashir M.J.K., Mau Han T., Jun Wei L., Choon Aun N., Abu Amr S.S.	Polishing of treated palm oil mill effluent (POME) from ponding system by electrocoagulation process	Water Science and Technology	2731223	2016	73	11
Lum C.-F., Ewe H.-T., Fu-Xin, Jiang L.-J.	A study of single scattering of scatterer at various orientation angles with equivalence principle algorithm	2015 10th International Conference on Information, Communications and Signal Processing, ICICS 2015		2016		
Yeoh K.H., Ong D.S., Ooi C.H.R., Yong T.K., Lim S.K.	Analytical band Monte Carlo analysis of electron transport in silicone	Semiconductor Science and Technology	2681242	2016	31	6
Chua S.Y., Wang X., Guo N., Tan C.S., Chai T.Y., Seet G.L.	Improving three-dimensional (3D) range gated reconstruction through time-of-flight (TOF) imaging analysis	Journal of the European Optical Society	19902573	2016	11	
Koh S.L., Lim Y.S.	Evaluating the economic benefits of peak load shifting for building owners and grid operator	Proceedings - 2015 International Conference on Smart Grid and Clean Energy Technologies, ICSGCE 2015		2016		
Koh S.L., Lim Y.S.	Methodology for assessing viability of energy storage system for buildings	Energy	3605442	2016	101	
Auyong H.-N., Zailani S., Surienty L.	Perceived safety management practices in the logistics sector	Work	10519815	2016	53	4
Boo N.-Y., Cheah I.G.-S., Neoh S.-H., Chee S.-C., Latif Z.A., Hedra Z.S., Lum S.-H., Khoo K.-K., Jamaluddin B., Wong C.-S., Inaz F., Saleh M., Yap K.-C., Lim S., Soo T.-L., Teh S.-H., Kaur M., Nathondan V., Hassan H., Chan L.-G., Yiew K.-M., Lim C.-H., Hani H., Borhan R., Allaudin F.S., Thinarakan A.S., Wong S.-C., Tan Y.-B., Jalil R.A., Bal M.N.M., Nadarajah T., Wan A., Lee K.-F., Alwi S.H.E., See K.-C., Rijal S., Nachiappan J., Chin C.-N., Sithamparanathan Y., Ang E.-L., Mohamad J., Choo P., Paramasivam U.	Impact and Challenges of Early Continuous Positive Airway Pressure Therapy for Very Low Birth Weight Neonates in a Developing Country	Neonatology	16617800	2016	110	2
Hartono D., Ng M.S., Lim Z.N., Lee S.W., Yap V.V., Tang C.M.	A scalable bootloader and debugger design for an NoC-based multi-processor SoC	CONMEDIA 2015 - International Conference on New Media 2015		2016		
Lau P.Y., Park S., Lee E.	An access-aware framework for Video-on-Demand system	2015 IEEE Student Conference on Research and Development, SCoReD 2015		2016		
Wicaksana A., Tang C.M., Ng M.S.	A scalable and configurable Multiprocessor System-on-Chip (MPSoC) virtual platform for hardware and software co-design and co-verification	CONMEDIA 2015 - International Conference on New Media 2015		2016		
Halim D.K., Lee S.W., Ng M.S., Lim Z.N., Tang C.M.	Exploring software-defined radio on Multi-Processor System-on-Chip	CONMEDIA 2015 - International Conference on New Media 2015		2016		
Lokananta F., Lee S.W., Ng M.S., Lim Z.N., Tang C.M.	UTAR NoC: Adaptive Network on Chip architecture platform	CONMEDIA 2015 - International Conference on New Media 2015		2016		
Chua K.H., Lim Y.S., Morris S.	Energy storage system for peak shaving	International Journal of Energy Sector Management	17506220	2016	10	1
Lee T.Y., Lai M.L., Ismail P., Ramachandran V., Tan J.A.M.A., Teh L.K., Othman R., Hussein N.H., George E.	Analysis of α1 and α2 globin genes among patients with hemoglobin Adana in Malaysia	Genetics and Molecular Research	16765680	2016	15	2
Masum K.M., Islam M.N., Saha N., Hasan M.Z., Mansor A.	Assessment of land grabbing from protected forest areas of Bhawal National Park in Bangladesh	Landscape Research	1426397	2016	41	3
Ho M.S., Tan Y.C., Ong C.W., Chuah Y.D., Lee J.V.	Modeling and simulation of crank slider mechanism using bond graph approach: A case study	International Journal of Applied Engineering Research	9734562	2016	11	6

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Tan S.Y., Olanrewaju A., Lee L.T.	Maintenance of heritage building: A case study from Ipoh, Malaysia	MATEC Web of Conferences	2261236X	2016	47	
Yong S.K., Lim B.H., Saleh S., Tey L.-H.	Optimisation, purification and characterisation of extracellular lipase from <i>Bryococcus sudeticus</i> (UTEX 2629)	Journal of Molecular Catalysis B: Enzymatic	13811177	2016	126	
Olanrewaju A., Yeow S., Lim L.	Rethinking affordable housing delivery: An analytical insight	MATEC Web of Conferences	2261236X	2016	47	
Chuah Y.-D., Lee J.-V., Ganasan D., Chong Y.-S., Lum W.-Q., Mohd Nor N., Soong W.-Y.	Fall detection of elderly people in bathroom: A complement method of wearable device	International Journal of Applied Engineering Research	9734562	2016	11	6
Teoh L.E., Khoo H.L.	Green air transport system: An overview of issues, strategies and challenges	KSCE Journal of Civil Engineering	12267988	2016	20	3
Peng L.W., Seng N.S., Choon T.T., Sim L.C., Khian Y.C., Chen G.K.	Quantity surveying undergraduates' awareness on cost significant of high-rise condominium projects in Malaysia: The case of a Private University in Malaysia	MATEC Web of Conferences	2261236X	2016	47	
Jun H.K., Careem M.A., Arof A.K.	Performance and impedance spectroscopy of co-sensitization of anthocyanin dye and semiconductor quantum dots in sensitizing solar cells	International Journal of Electrochemical Science	14523981	2016	11	4
Lee M.J., Ong C.S., Lau W.J., Ng B.C., Ismail A.F., Lai S.O.	Degradation of PVDF-based composite membrane and its impacts on membrane intrinsic and separation properties	Journal of Polymer Engineering	3346447	2016	36	3
Chan S.-L., Tan Y.P., Abdullah A.H., Ong S.-T.	Equilibrium, kinetic and thermodynamic studies of a new potential biosorbsent for the removal of Basic Blue 3 and Congo Red dyes: Pineapple (<i>Ananas comosus</i>) plant stem	Journal of the Taiwan Institute of Chemical Engineers	18761070	2016	61	
Kong S.G., Chen H.-D., Torda A., Lee H.C.	Genomes: At the edge of Chaos with maximum information capacity	Peregrinations from Physics to Phylogeny Essays on the Occasion of Hao BaiLin's 80th Birthday		2016		
Malik A.A., Rajandram R., Tah P.C., Hakamat-Rai V.-R., Chin K.-F.	Microbial cell preparation in enteral feeding in critically ill patients: A randomized, double-blind, placebo-controlled clinical trial	Journal of Critical Care	8839441	2016	32	
Goh K.C., Goh H.H., Omar M.F., Toh T.C., Mohd Zin A.A.	Accidents preventive practice for high-rise construction	MATEC Web of Conferences	2261236X	2016	47	
Yeong W.C., Khoo M.B.C., Tech W.L., Castagliola P.	A Control Chart for the Multivariate Coefficient of Variation	Quality and Reliability Engineering International	7488017	2016	32	3
Choon T.T., Sim L.C., Connie T., Nita A.K., Uche A.G., Chen G.K.	Influential factors in estimating and tendering for construction work	MATEC Web of Conferences	2261236X	2016	47	
Ali N.M., Yeap S.-K., Yusof H.M., Beh B.-K., Ho W.-Y., Koh S.-P., Abdullah M.P., Alitheen N.B., Long K.	Comparison of free amino acids, antioxidants, soluble phenolic acids, cytotoxicity and immunomodulation of fermented mung bean and soybean	Journal of the Science of Food and Agriculture	225142	2016	96	5
Ismail S., Ng C.Y., Ahmad E., Razak K.A., Lockman Z.	Segmented nanoporous WO ₃ prepared via anodization and their photocatalytic properties	Journal of Materials Research	8842914	2016	31	6
Yin Y.C., Chyuan W.W., Hoong W.K.	Detecting Malaysian housing bubbles	American Journal of Applied Sciences	15469239	2016	13	3
Lam S.-M., Sin J.-C., Mohamed A.R.	Fabrication of ZnO nanorods via a green hydrothermal method and their light driven catalytic activity towards the erasure of phenol compounds	Materials Letters	0167577X	2016	167	
Khoo H.L., Asitha K.S.	Quantifying impact of traffic images applications (APPS) on travel choices	KSCE Journal of Civil Engineering	12267988	2016	20	2
Periyaya T., Nair G.V., Shariff R., Roland Z., Thanaseelan	Young adult malaysian consumers' attitude and purchase intentions of CSR supported grocery brands	SEARCH (Malaysia)	2229872X	2016	8	1
Liew S.-Y., Gan M.-L.	Toggling dual label: an exact algorithm for finding the optimal pair of link-disjoint paths in (Formula presented.) path protection	Telecommunication Systems	10184864	2016	61	3
Wong J., Seng Lim Y., Morris E.	Distributed Energy Storage Systems with an Improved Fuzzy Controller for Mitigating Voltage Unbalance on Low-Voltage Networks	Journal of Energy Engineering	7339402	2016	142	1
Tan M.-H., Chong K.-K.	Influence of self-weight on electrical power conversion of dense array concentrator photovoltaic system	Renewable Energy	9601481	2016	87	
Chow T.K., Eu L.C., Chin K.F., Ong K.C., Palloor J., Vadivelu J., Wong K.T.	Case report: Incidental splenic granuloma due to burkholderia pseudomallei: A case of asymptomatic latent melioidosis?	American Journal of Tropical Medicine and Hygiene	29637	2016	94	3
Ying K.S., Jusoh A., Khalifah Z.	A conceptual model of tourist satisfaction	Pertanika Journal of Social Sciences and Humanities	1287702	2016	24	1
Pang Y.L., Lim S., Ong H.C., Chong W.T.	Synthesis, characteristics and sonocatalytic activities of calcined γ -Fe ₂ O ₃ /TiO ₂ nanotubes/TiO ₂ magnetic catalysts in the degradation of Orange G	Ultrasonics Sonochemistry	13504177	2016	29	
Lee M.C., Mitra R.	Multiply imputing missing values in data sets with mixed measurement scales using a sequence of generalised linear models	Computational Statistics and Data Analysis	1679473	2016	95	
Lee W.-K., Cheong H.-S., Phan R.C.-W., Goi B.-M.	Fast implementation of block ciphers and PRNGs in Maxwell GPU architecture	Cluster Computing	13867857	2016	19	1
Siah P.C., Tan S.H.	Relationships between sense of coherence, coping strategies and quality of life of parents of children with autism in Malaysia: A case study among chinese parents	Asia Pacific Disability Rehabilitation Journal	10294414	2016	27	1
Kumar D., Neo K.-E., Rub M.A.	Dipeptide glycyl-glycine (Gly-Gly)-ninhydrin reaction: Effect of alkanediyl α , ω -bis(dimethylcetylarn ammonium bromide) (16-s-16, s = 4, 5, 6) Gemini Surfactants on the Reaction Rate	Tenside, Surfactants, Detergents	9323414	2016	53	2
Puah Y.J., Huang Y.F., Chua K.C., Lee T.S.	River catchment rainfall series analysis using additive Holt-Winters method	Journal of Earth System Science	2534126	2016	125	2
Eng Y.-K., Wong C.-Y.	Asymmetric growth effect of capital flows: Evidence and quantitative theory	Economic Systems	9393625	2016	40	1
Boo N.-Y., Cheah I.G.-S.	Factors associated with inter-institutional variations in sepsis rates of very-low-birth-weight infants in 34 Malaysian neonatal intensive care units	Singapore Medical Journal	375675	2016	57	3
Frederico E.H.F.F., Santos A.A., Sa-Caputo D.C., Neves R.F., Guimaraes C.A.S., Chang S., Bernardo-Filho M.	Laser stimulation of the acupoint "Zusanli" (ST.36) on the radiopharmaceutical biodistribution in Wistar rats	Journal of Biosciences	2505991	2016	41	1
Saadatkhan N., Mansor S., Kassim A., Lee L.M., Saadatkhan R., Sobhanmanesh A.	Regional modeling of rainfall-induced landslides using TRIGRS model by incorporating plant cover effects: case study in Hulu Kelang, Malaysia	Environmental Earth Sciences	18666280	2016	75	5
Teoh Y.P., Ooi Z.X., Abu Bakar A., Ismail H.	Exploiting the Plackett-Burman design to examine the formulation effect on curing characteristics of oil palm ash-filled acrylonitrile butadiene rubber compounds	Iranian Polymer Journal (English Edition)	10261265	2016	25	3
Li L., Ong K.W.	Dynamic Transitions of Generalized Burgers Equation	Journal of Mathematical Fluid Mechanics	14226928	2016	18	1
Benader C., Mohd Zain S.N., Sim S.Z., Mohd Khalid M.K.N., Galloway R.L., Souris M., Thong K.L.	Determination of Leptospira borgpetersenii serovar Javanica and Leptospira interrogans serovar Bataviae as the persistent Leptospira serovars circulating in the urban rat populations in Peninsular Malaysia	Parasites and Vectors	17563305	2016	9	1
Yakubu Y., Ong B.L., Zakaria Z., Hassan L., Mutualib A.R., Ngeow Y.F., Verasahib K., Razak M.F.A.A.	Evidence and potential risk factors of tuberculosis among captive Asian elephants and wildlife staff in Peninsular Malaysia	Preventive Veterinary Medicine	1675877	2016	125	
Halim M.Z.A., Jaafar M.M., Teh L.K., Ismail M.I., Lee L.S., Ngeow Y.F., Nor N.M., Zainuddin Z.F., Tang T.H., Najimudin M.N.M., Salleh M.Z.	Genome sequencing and annotation of multidrug resistant <i>Mycobacterium tuberculosis</i> (MDR-TB) PR10 strain	Genomics Data	22135960	2016	7	
Bumrungretch J., Tan A.C.	Computational fluid dynamics of left ventricular assist device under unsteady flow	Paiguan Jixie Gongcheng Xuebao/Journal of Drainage and Irrigation Machinery Engineering	16748530	2016	34	2
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Chee P.S., Mah C.K., Ali M.S.M.	Soft dielectric elastomer actuator for micropump application	Proceedings of the IEEE International Conference on Micro Electro Mechanical Systems (MEMS)	10846999	2016	2016-	
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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	2016	57	9
Nordin N., Ariffin A., Daud M.N., Sim Y.-L.	Unexpected cleavage of C-S bond in the hydrazination of 2-((3,5-di-tert-butyl-4-hydroxybenzyl)thio) nicotinate: Synthesis and mechanistic studies by kinetic and computational approaches	Tetrahedron	404020	2016	72	7
Hooi L.S., Nisar H., Voon Y.V.	Tracking of EEG activity using topographic maps	IEEE 2015 International Conference on Signal and Image Processing Applications, ICSIPA 2015 - Proceedings		2016		
Woo K.Z., Chong P.K., Chian L.K.	Implementation of parallel multiplications on FPGA	Proceedings - 2015 6th IEEE Control and System Graduate Research Colloquium, ICSGRC 2015		2016		
Chai T.-Y., Goh B.-M., Tay Y.H., Chin W.-K., Lai Y.-L.	Local Chan-Vese segmentation for non-ideal visible wavelength iris images	TAII 2015 - 2015 Conference on Technologies and Applications of Artificial Intelligence		2016		

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Kong C.Y., Lai L.L., Khoo A.Y.Y., Rahman N.A., Chin K.F.	Inflammatory reaction to fish oil coated polypropylene mesh used for laparoscopic incisional hernia repair: A case report	BMC Surgery	14712482	2016	16	1
Cham T.H., Lim Y.M., Cheng B.L., Lee T.H.	Determinants of knowledge management systems success in the banking industry	VINE Journal of Information and Knowledge Management Systems	20595891	2016	46	1
Yew S.M., Chan C.L., Kuan C.S., Toh Y.F., Ngeow Y.F., Na S.L., Lee K.W., Hoh C.-C., Yee W.-Y., Ng K.P.	The genome of newly classified <i>Ochroconis mirabilis</i> : Insights into fungal adaptation to different living conditions	BMC Genomics	14712164	2016	17	1
Dhanapal A.C.T.A., Ming T.W., Aung H.P., Hao S.J.	Preliminary screening of artemisia argyi for antioxidant potentials	International Journal of Pharmacognosy and Phytochemical Research	9754873	2016	8	2
Wong C.-W., Chong K.-K.	Solar flux distribution study of non-imaging dish concentrator using linear array of triple-junction solar cells scanning technique	Solar Energy	0038092X	2016	125	
Chee S.Y., Lee M.K., Lee C.L.	Thermal properties of poly(methyl methacrylate-co-butyl acrylate-co-acrylic acid) modified with divinyl benzene and vinyltrimethoxysilane	Journal of Macromolecular Science, Part A: Pure and Applied Chemistry	10601325	2016	53	2
Cheong Y.K., Lim W.H., Lee S.H., Pua C.H., Chong W.Y., Ahmad H.	405 nm laser processing of thin SU-8 polymer film	Optik	304026	2016	127	4
Yap L.K., Ismail F.	Ninth order block hybrid collocation method for second order ordinary differential equations	AIP Conference Proceedings	0094243X	2016	1705	
Saw L.H., Ye Y., Tay A.A.O.	Integration issues of lithium-ion battery into electric vehicles battery pack	Journal of Cleaner Production	9596526	2016	113	
Wong C.-H., Tan G.W.-H., Hew T.-S., Ooi K.-B.	Can mobile TV be a new revolution in the television industry?	Computers in Human Behavior	7475632	2016	55	
Seetharaman A., Sandanaraj L.L., Moorthy M.K., Saravanan A.S.	Enterprise framework for renewable energy	Renewable and Sustainable Energy Reviews	13640321	2016	54	
Ooi M.L., Wong R.C.S., Robinson W.T.	New cyclopentadienyl molybdenum polynuclear clusters from ring opening of Woolins' reagent via phosphorus-selenium bond scission, phosphorus-phosphorus coupling and deselenation pathways	Inorganica Chimica Acta	201693	2016	440	
Xinxin G., Ahmed M., Wong S.	Determination of surfactants and levoglucosan from selected vegetation by spectroscopic colorimetric method	International Journal of Environmental Analytical Chemistry	3067319	2016	96	2
Yap W.-S., Goi B.-M.	Forgery attacks of an identity-based multi-proxy signature scheme	International Journal of Communication Systems	10745351	2016	29	2
Stella M., Ezra M.A.G., Peer Fathima A., Khang Jiunn C.	Research on the efficacy of unified Statcom-Fuel cells in improving the transient stability of power systems	International Journal of Hydrogen Energy	3603199	2016	41	3
Kong S.-G., Chen H.-D., Torda A., Lee H.C.	Genomes: At the edge of chaos with maximum information capacity	International Journal of Modern Physics B	2179792	2016	30	2
Liew S.-Y., Azad S., Goh H.G., Ooi B.Y., Rahman A.	A store-and-delivery based MAC protocol for air-ground collaborative wireless networks for precision agriculture	Proceedings of the International Conference on Parallel and Distributed Systems - ICPADS	15219097	2016	2016-	
Sia Y.K., Goh H.G., Liew S.-Y., Gan M.-L.	Spanning Multi-Tree Algorithm for node and traffic Balancing in multi-sink wireless sensor networks	2015 12th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015		2016		
Chana G.-Y., Chuah F.-F., Leeb C.-S.	Fuzzy association rules vs fuzzy associative patterns in defending against web service attacks	2015 12th International Conference on Fuzzy Systems and Knowledge Discovery, FSKD 2015		2016		
Zheng C.Y., Chuan L.Y., Sien T.C., Yunus J.	Development of normative human gait kinematics and kinetics database for Malaysian university students	IEEE Region 10 Annual International Conference, Proceedings/TENCON	21593442	2016	2016-	
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Yeap K.H., Ong S.S., Nisar H., Lai K.C., Ng C.A.	Attenuation in superconducting circular waveguides	Advanced Electromagnetics	21190275	2016	5	2
Yeap K.H., Loh M.C., Tham C.Y., Yiam C.Y., Yeong K.C., Lai K.C.	Analysis of reflector antennas in radio telescopes	Advanced Electromagnetics	21190275	2016	5	3
Yeap K.H., Yiam C.Y., Lai K.C., Loh M.C., Lim S.K., Rizman Z.I.	Analysis of offset antennas in radio telescopes	International Journal on Advanced Science, Engineering and Information Technology	20885334	2016	6	6
Agboluaje A.A., Ismail S.B., Yip C.Y.	Modeling the asymmetric in conditional variance	Asian Journal of Scientific Research	19921454	2016	9	2
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Agboluaje A.A., Ismail S., Yip C.Y.	Modelling the error term of australia gross domestic product	Journal of Mathematics and Statistics	15493644	2016	12	4
Kong Z.-W., Ooi B.-Y., Wong C.-S.	Storage performance evaluation for IoT gateway implementation using raspberry Pi 2	Journal of Telecommunication, Electronic and Computer Engineering	21801843	2016	8	4
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Siew Bee A., Poh Im L.	The provision of vertical social pockets for better social interaction in high-rise living	Planning Malaysia	16756215	2016	4	4
Wong L.Y., Ng C.A., Bashir M.J.K., Koo C.K., Humaira N.	Enhancement of Membrane Fouling Control in Hybrid Aerobic Membrane Bioreactor System for Domestic Waste Water Application: Effect of Alum Concentration	Procedia Engineering	18777058	2016	148	
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Luen W.K., Hooi C.M.	In search of Malaysian companies with successful implementation of business intelligence initiatives	Proceedings of the International Conference on Industrial Engineering and Operations Management	21698767	2016	43016	
Wong D.C.K.	Families of cyclotomic cosets with application to secret sharing scheme	Proceedings of the 5th International Cryptology and Information Security Conference 2016, CRYPTOLOGY 2016		2016		
Lai Y.-L., Jin Z., Goi B.-M., Chai T.-Y., Yap W.-S.	Iris cancellable template generation based on indexing-first-one hashing	Lecture Notes in Computer Science (including subseries Lecture Notes in Artificial Intelligence and Lecture Notes in Bioinformatics)	3029743	2016	9955	
Ong K.S.	Review of solar, heat pipe and thermoelectric hybrid systems for power generation and heating	International Journal of Low-Carbon Technologies	17481317	2016	11	4
Chan Y.S., Khoo K.S., Sit N.W.	Investigation of twenty selected medicinal plants from Malaysia for anti-Chikungunya virus activity	International Microbiology	11396709	2016	19	3
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Tanaka Y., Lee M.L.	Laboratory study on dynamic properties of compacted residual soil in Malaysia	Geotechnical Engineering	465828	2016	47	4
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Goh S.M., Chan M.Y., Ong L.G.A.	Screening and identification of <i>Trametes lactinea</i> and <i>Pycnoporus coccineus</i> isolated from Kampar for laccase production	Malaysian Journal of Microbiology	22317538	2016	12	6
Lai K., Lim S., The P., Yeap K.	Characterizing a novel food waste recovery process using an electrostatic separator	Polish Journal of Environmental Studies	12301485	2016	25	5
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Chuah Y.-D., Goi B.-M., Komiya R.	A triaxial accelerometer-based normal and abnormal gaits classifier	International Journal of Bio-Science and Bio-Technology	22337849	2016	8	6