

## PUBLICATION LIST SCOPUS FKKSA

Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
Liang, Y.Y., Fimbres Weihs, G.A., Fletcher, D.F.	CFD study of the effect of unsteady slip velocity waveform on shear stress in membrane systems	2018	Chemical Engineering Science	192		16	24
Sharma, S., Gupta, A., Kumar, A., Kee, C.G., Kamyab, H., Saufi, S.M.	An efficient conversion of waste feather keratin into ecofriendly bioplastic film	2018	Clean Technologies and Environmental Policy	20	10	2157	2167
Abdullah, N., Ayodele, B.V., Mansor, W.N.W., Abdullah, S.	Effect of incorporating TiO <sub>2</sub> photocatalyst in PVDF hollow fibre membrane for photo-assisted degradation of methylene blue	2018	Bulletin of Chemical Reaction Engineering & Catalysis	13	3	588	591
Abdulbari, H.A., Zuhan, N.	Grease Formulation from Palm Oil Industry Wastes	2018	Waste and Biomass Valorization	9	12	2447	2457
Olalere, O.A., Abdurahman, N.H., Yunus, R.B.M., Alara, O.R., Kabbashi, N.A.	Chemical fingerprinting of biologically active compounds and morphological transformation during microwave reflux extraction of black pepper	2018	Chemical Data Collections	17-18		339	344
Alara, O.R., Abdurahman, N.H., Ukaegbu, C.I., Hassan, Z., Kabbashi, N.A.	Dataset on LC-Q-TOF/MS tentative identification of phytochemicals in the extract of Vernonia amygdalina leaf through positive ionization	2018	Data in Brief	21		1686	1689
Nguyen, V.H., Bach, L.G., Bui, Q.T.P., Nguyen, T.D., Vo, D.-V.N., Vu, H.T., Do, S.T.	Composite photocatalysts containing MIL-53(Fe) as a heterogeneous photo-Fenton catalyst for the decolorization of rhodamine B under visible light irradiation	2018	Journal of Environmental Chemical Engineering	6	6	7434	7441
Mansor, W.N.W., Abdullah, S., Olsen, D.B., Vaughn, J.S.	Diesel-natural gas engine emissions and performance	2018	AIP Conference Proceedings	2035			
Ali, E.N., Chatterton, C.C.	Anticancer activity of Moringa oleifera leaves extract	2018	AIP Conference Proceedings	2030			

Sharikh, A.M., Sulaiman, S., Azmi, A.S., Sulaiman, S.Z.	Potassium carbonate from pineapple and orange peels as catalyst for biodiesel production	2018	AIP Conference Proceedings	2030			
Nurshahida, M.S.F., Aini, M.A.N., Faizal, W.I.W.M., Hamimi, I.A., Nazikussabah, Z.	Effect of drying methods on nutrient composition and physicochemical properties of Malaysian seaweeds	2018	AIP Conference Proceedings	2030			
Basheer, E.A.M., Abdulbari, H.A.	Visible Light TiO <sub>2</sub> Photocatalyst Composite Based on Carbon Microfiber Derived from Human Hair	2018	ChemistrySelect	3	41	11687	11695
Azwar, E., Wan Mahari, W.A., Chuah, J.H., Vo, D.-V.N., Ma, N.L., Lam, W.H., Lam, S.S.	Transformation of biomass into carbon nanofiber for supercapacitor application – A review	2018	International Journal of Hydrogen Energy	43	45	20811	20821
Mohammed, M.N., Yusoh, K.B., Shariffuddin, J.H.B.H.	Parametric Optimization of the Poly (Nvinylcaprolactam) (PNVCL) Thermoresponsive Polymers Synthesis by the Response Surface Methodology and Radial Basis Function neural network	2018	MATEC Web of Conferences	225			
Ghazali, W.M., Idris, D.M.N.D., Sofian, A.H., Siregar, J.P., Basrawi, M.F.	Gate Location and Injection Analysis of a Spur Gear	2018	MATEC Web of Conferences	225			
Fakhrudin, S.K., Abdulbari, H.A., Sulaiman, A.Z., Rafeeq, H.A.	Investigating the improvement of Degradation Resistant with the Addition of SDBS Anionic Surfactant to PEO polymer	2018	MATEC Web of Conferences	225			
Yunus, N.M., Zainal Abidin, S., Sim Yee, C.	Studies on the performance of tubular flow reactor for esterification of free fatty acid from used cooking oil using highly porous cation exchange resin as catalyst	2018	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	40	21	2518	2527

Islam, M.A., Ong, H.R., Ethiraj, B., Cheng, C.K., Rahman Khan, M.M.	Optimization of co-culture inoculated microbial fuel cell performance using response surface methodology	2018	Journal of Environmental Management	225		242	251
Habeeb, O.A., Kanthasamy, R., Ali, G.A.M., Sethupathi, S., Yunus, R.B.M.	Hydrogen sulfide emission sources, regulations, and removal techniques: A review	2018	Reviews in Chemical Engineering	34	6	837	854
Jaafar, J., Siregar, J.P., Piah, M.B.M., Cionita, T., Adnan, S., Rihayat, T.	Influence of Selected Treatment on Tensile Properties of Short Pineapple Leaf Fiber Reinforced Tapioca Resin Biopolymer Composites	2018	Journal of Polymers and the Environment	26	11	4271	4281
Wan Mahari, W.A., Chong, C.T., Cheng, C.K., Lee, C.L., Hendrata, K., Yuh Yek, P.N., Ma, N.L., Lam, S.S.	Production of value-added liquid fuel via microwave co-pyrolysis of used frying oil and plastic waste	2018	Energy	162		309	317
Nguyen, V.H., Nguyen, T.D., Bach, L.G., Hoang, T., Bui, Q.T.P., Tran, L.D., Nguyen, C.V., Vo, D.-V.N., Do, S.T.	Effective photocatalytic activity of mixed Ni/Fe-base metal-organic framework under a compact fluorescent daylight lamp	2018	Catalysts	8	11		
Rahman, S.A., Embi, N.A.C., Ahmad, A.L., Hasbullah, H.	Potential of Polysulfone/Polydimethyl Siloxane Thin Film Composite (PSf-PDMS-TFC) Membrane for CO <sub>2</sub> /N <sub>2</sub> Gas Separation	2018	IOP Conference Series: Materials Science and Engineering	440	1		
Mishra, P., Singh, L., Ab Wahid, Z., Krishnan, S., Rana, S., Amirul Islam, M., Sakinah, M., Ameen, F., Syed, A.	Photohydrogen production from dark-fermented palm oil mill effluent (DPOME) and statistical optimization: Renewable substrate for hydrogen	2018	Journal of Cleaner Production	199		11	17
Husain, M.S.B., Gupta, A., Alashwal, B.Y., Sharma, S.	Synthesis of PVA/PVP based hydrogel for biomedical applications: a review	2018	Energy Sources, Part A: Recovery, Utilization and Environmental Effects	40	20	2388	2393
Dzulkefli, N.A., Zainol, N.	Data on modeling mycelium growth in Pleurotus sp. cultivation by using agricultural wastes via two level factorial analysis	2018	Data in Brief	20		1710	1720

Aziz, S.N.S.A., Rahman, A.F.H.A., Abu Seman, M.N., Hilal, N.	Comparison of the intrinsic parameters (A, B, and S) of a forward osmosis membrane using pressurized and non-pressurized methods	2018	Desalination and Water Treatment	129		14	23
Islam, M.R., Isa, N., Yahaya, A.N., Beg, M.D.H., Yunus, R.M.	Mechanical, interfacial, and fracture characteristics of poly (lactic acid) and Moringa oleifera fiber composites	2018	Advances in Polymer Technology	37	6	1665	1673
Siang, T.J., Singh, S., Omoregbe, O., Bach, L.G., Phuc, N.H.H., Vo, D.-V.N.	Hydrogen production from CH <sub>4</sub> dry reforming over bimetallic Ni-Co/Al <sub>2</sub> O <sub>3</sub> catalyst	2018	Journal of the Energy Institute	91	5	683	694
Nanda, S., Reddy, S.N., Vo, D.-V.N., Sahoo, B.N., Kozinski, J.A.	Catalytic gasification of wheat straw in hot compressed (subcritical and supercritical) water for hydrogen production	2018	Energy Science and Engineering	6	5	448	459
Ong, H.R., Khan, M.M.R., Prasad, D.M.R., Yousuf, A., Chowdhury, M.N.K.	Palm kernel meal as a melamine urea formaldehyde adhesive filler for plywood applications	2018	International Journal of Adhesion and Adhesives	85		8	14
Liew, R.K., Azwar, E., Yek, P.N.Y., Lim, X.Y., Cheng, C.K., Ng, J.-H., Jusoh, A., Lam, W.H., Ibrahim, M.D., Ma, N.L., Lam, S.S.	Microwave pyrolysis with KOH/NaOH mixture activation: A new approach to produce micro-mesoporous activated carbon for textile dye adsorption	2018	Bioresource Technology	266		1	10
Rezaul Karim, K.M., Ong, H.R., Abdullah, H., Yousuf, A., Cheng, C.K., Rahman Khan, M.M.	Photoelectrochemical reduction of carbon dioxide to methanol on p-type CuFe <sub>2</sub> O <sub>4</sub> under visible light irradiation	2018	International Journal of Hydrogen Energy	43	39	18185	18193
Singh, S., Bahari, M.B., Abdullah, B., Phuong, P.T.T., Truong, Q.D., Vo, D.-V.N., Adesina, A.A.	Bi-reforming of methane on Ni/SBA-15 catalyst for syngas production: Influence of feed composition	2018	International Journal of Hydrogen Energy	43	36	17230	17243

Jamek, S.B., Muschiol, J., Holck, J., Zeuner, B., Busk, P.K., Mikkelsen, J.D., Meyer, A.S.	Loop Protein Engineering for Improved Transglycosylation Activity of a $\beta$ -N-Acetylhexosaminidase	2018	ChemBioChem	19	17	1858	1865
Hong, C.S., Lau, C.C.Y., Leong, C.Y., Chua, G.K., Chin, S.Y.	A comparison of entrapped and covalently bonded laccase: Study of its leakage, reusability, and the catalytic efficiency in TEMPO-mediated glycerol oxidation	2018	Biocatalysis and Biotransformation	36	5	352	361
Shah, S.R., Ukaegbu, C.I., Hamid, H.A., Alara, O.R.	Evaluation of antioxidant and antibacterial activities of the stems of <i>Flammulina velutipes</i> and <i>Hypsizygus tessellatus</i> (white and brown var.) extracted with different solvents	2018	Journal of Food Measurement and Characterization	12	3	1947	1961
Islam, M.R., Beg, M.D.H.	Dispersion characteristics of hydroxyl and carboxyl-functionalized multi-walled carbon nanotubes in polyester nanocomposites	2018	Journal of Polymer Engineering	38	8	759	765
Parimalam, M., Islam, M.R., Yunus, R.M.	Effects of nanosilica, zinc oxide, titanium oxide on the performance of epoxy hybrid nanocoating in presence of rubber latex	2018	Polymer Testing	70		197	207
Balasundram, V., Zaman, K.K., Ibrahim, N., Kasmani, R.M., Isha, R., Hamid, M.K.A., Hasbullah, H.	Catalytic upgrading of pyrolysis vapours over metal modified HZSM-5 via in-situ pyrolysis of sugarcane bagasse: Effect of nickel to cerium ratio on HZSM-5	2018	Journal of Analytical and Applied Pyrolysis	134		309	325
Suhaimi, S., Che Man, R., Jamil, N., Mohd Arshad, Z.I., Shaarani, S.M., Abdul Mudalip, S.K., Sulaiman, S.Z., Ramli, A.N.M.	Stability and reusability of cyclodextrin glucanotransferase immobilized on hollow fiber membrane	2018	IOP Conference Series: Earth and Environmental Science	185	1		

Ng, K.H., Cheng, Y.W., Lee, Z.S., Khan, M.R., Lam, S.S., Cheng, C.K.	Experimental evaluation and empirical modelling of palm oil mill effluent steam reforming	2018	International Journal of Hydrogen Energy	43	33	15784	15793
Chowdhury, Z.Z., Krishnan, B., Sagadevan, S., Rafique, R.F., Hamizi, N.A.B., Wahab, Y.A., Khan, A.A., Bin Johan, R., Al-Douri, Y., Kazi, S.N., Shah, S.T.	Effect of temperature on the physical, electro-chemical and adsorption properties of carbon micro-spheres using hydrothermal carbonization process	2018	Nanomaterials	8	8		
Fazli, N., Mutamim, N.S.A., Jafri, N.M.A., Ramli, N.A.M.	Microbial Fuel Cell (MFC) in treating spent caustic wastewater: Varies in Hydraulic Retention Time (HRT) and Mixed Liquor Suspended Solid (MLSS)	2018	Journal of Environmental Chemical Engineering	6	4	4339	4346
Olalere, O.A., Abdurahman, N.H., Yunus, R.B.M., Alara, O.R.	Data article on elemental and metabolomic-based alkaloidal composition in black pepper oleoresin using a positive ESI-mode LC-QToF and ICP-mass spectroscopy	2018	Data in Brief	19		1627	1630
Zainal Abidin, A.S., Yusoh, K., Jamari, S.S., Abdullah, A.H., Ismail, Z.	Surface functionalization of graphene oxide with octadecylamine for improved thermal and mechanical properties in polybutylene succinate nanocomposite	2018	Polymer Bulletin	75	8	3499	3522
Lim, Z.H., Al Salim, H.S., Ridzuan, N., Nguete, R., Sasaki, K.	Effect of surfactants and their blend with silica nanoparticles on wax deposition in a Malaysian crude oil	2018	Petroleum Science	15	3	577	590
Hazmo, N.H.W., Naim, R., Ismail, A.F., Lau, W.J., Azelee, I.W., Ramlib, M.K.N.	Nanocomposite ultrafiltration membranes incorporated with zeolite and carbon nanotubes for enhanced water separation	2018	International Journal of Engineering, Transactions B: Applications	31	8	1446	1454
Naila, A., Flint, S.H., Sulaiman, A.Z., Ajit, A., Weeds, Z.	Classical and novel approaches to the analysis of honey and detection of adulterants	2018	Food Control	90		152	165

Moshiul Alam, A.K.M., Beg, M.D.H., Yunus, R.M., Bijarimi, M., Mina, M.F., Maria, K.H., Mieno, T.	Modification of structure and properties of well-dispersed dendrimer coated multi-walled carbon nanotube reinforced polyester nanocomposites	2018	Polymer Testing	68		116	125
Ibrahim, T.K., Mohammed, M.K., Awad, O.I., Abdalla, A.N., Basrawi, F., Mohammed, M.N., Najafi, G., Mamat, R.	A comprehensive review on the exergy analysis of combined cycle power plants	2018	Renewable and Sustainable Energy Reviews	90		835	850
Le, T.H., Le, T.S., Dien, L.X., Vo, D.-V.N., Truong, Q.D.	Hierarchical nanorod-based TiO <sub>2</sub> microspheres for superior electrochemical energy storage	2018	Journal of Electroanalytical Chemistry	820		32	40
Karim, A., Yousuf, A., Islam, M.A., Naif, Y.H., Faizal, C.K.M., Alam, M.Z., Pirozzi, D.	Microbial lipid extraction from <i>Lipomyces starkeyi</i> using irreversible electroporation	2018	Biotechnology Progress	34	4	838	845
Balasundram, V., Ibrahim, N., Kasmani, R.M., Isha, R., Hamid, M.K.A., Hasbullah, H., Ali, R.R.	Catalytic upgrading of sugarcane bagasse pyrolysis vapours over rare earth metal (Ce) loaded HZSM-5: Effect of catalyst to biomass ratio on the organic compounds in pyrolysis oil	2018	Applied Energy	220		787	799
Lim, S.Y., Liang, Y.Y., Fimbres Weihs, G.A., Wiley, D.E., Fletcher, D.F.	A CFD study on the effect of membrane permeance on permeate flux enhancement generated by unsteady slip velocity	2018	Journal of Membrane Science	556		138	145
Ng, Y.R., Shahid, S.N.A.M., Nordin, N.I.A.A.	The effect of alkali treatment on tensile properties of coir/polypropylene biocomposite	2018	IOP Conference Series: Materials Science and Engineering	368	1		
Singh, S., Kumar, R., Setiabudi, H.D., Nanda, S., Vo, D.-V.N.	Advanced synthesis strategies of mesoporous SBA-15 supported catalysts for catalytic reforming applications: A state-of-the-art review	2018	Applied Catalysis A: General	559		57	74

Alara, O.R., Abdurahman, N.H., Olalere, O.A.	Ethanol extraction of bioactive compounds from Vernonia amygdalina leaf using response surface methodology as an optimization tool	2018	Journal of Food Measurement and Characterization	12	2	1107	1122
Hidayah, N.N., Abidin, S.Z.	The evolution of mineral processing in extraction of rare earth elements using liquid-liquid extraction: A review	2018	Minerals Engineering	121		146	157
Liew, R.K., Chong, M.Y., Osazuwa, O.U., Nam, W.L., Phang, X.Y., Su, M.H., Cheng, C.K., Chong, C.T., Lam, S.S.	Production of activated carbon as catalyst support by microwave pyrolysis of palm kernel shell: a comparative study of chemical versus physical activation	2018	Research on Chemical Intermediates	44	6	3849	3865
Junoh, H., Jaafar, J., Nor, N.A.M., Awang, N., Norddin, M.N.A.M., Ismail, A.F., Othman, M.H.D., Rahman, M.A., Aziz, F., Yusof, N., Salleh, W.N.W., Naim, R.	Fabrication of nanocomposite membrane via combined electrospinning and casting technique for direct methanol fuel cell	2018	Journal of Membrane Science and Research	4	3	146	157
Majid, A.A.A., Wu, D.T., Koh, C.A.	A Perspective on Rheological Studies of Gas Hydrate Slurry Properties	2018	Engineering	4	3	321	329
Lim, S.L., Ng, H.W., Akwiditya, M.A., Ooi, C.W., Chan, E.-S., Ho, K.L., Tan, W.S., Chua, G.K., Tey, B.T.	Single-step purification of recombinant hepatitis B core antigen Y132A dimer from clarified Escherichia coli feedstock using a packed bed anion exchange chromatography	2018	Process Biochemistry	69		208	215
Osazuwa, O.U., Khan, M.R., Lam, S.S., Assabumrungrat, S., Cheng, C.K.	An assessment of the longevity of samarium cobalt trioxide perovskite catalyst during the conversion of greenhouse gases into syngas	2018	Journal of Cleaner Production	185		576	587
Hashim, N.A., Abdul Mudalip, S.K., Harun, N., Che Man, R., Sulaiman, S.Z., Arshad, Z.I.M., Shaarani, S.M.	Molecular Dynamics Simulation of Mahkota Dewa (Phaleria Macrocarpa) Extract in Subcritical Water Extraction Process	2018	IOP Conference Series: Materials Science and Engineering	358	1		



Othman, M.F., Anuar, N., Ad Rahman, S., Ahmad Taifuddin, N.A.	Cocrystal Screening of Ibuprofen with Oxalic Acid and Citric Acid via Grinding Method	2018	IOP Conference Series: Materials Science and Engineering	358	1		
Chik, N., Wan Md Zain, W.S., Mohamad, A.J., Sidek, M.Z., Wan Ibrahim, W.H., Reif, A., Rakebrandt, J.H., Pflieger, W., Liu, X.	Bacterial Adhesion on the Titanium and Stainless-Steel Surfaces Undergone Two Different Treatment Methods: Polishing and Ultrafast Laser Treatment	2018	IOP Conference Series: Materials Science and Engineering	358	1		
Siang, T.J., Pham, T.L.M., Cuong, N.V., Phuong, P.T.T., Phuc, N.H.H., Truong, Q.D., Vo, D.-V.N.	Combined steam and CO <sub>2</sub> reforming of methane for syngas production over carbon-resistant boron-promoted Ni/SBA-15 catalysts	2018	Microporous and Mesoporous Materials	262		122	132
Azaini, N.N., Masngut, N.	Characterisation of the oscillatory flow reactor for the fermentation of Escherichia coli	2018	Malaysian Applied Biology	47	2	119	124
Ramakrishnan, N., Sharma, S., Gupta, A., Alashwal, B.Y.	Keratin based bioplastic film from chicken feathers and its characterization	2018	International Journal of Biological Macromolecules	111		352	358
Nadzri, N.N.A.L., Zahari, M.A.K.M., Tajuddin, S.N., Mohd, C.M.A.C.	Full factorial design for production of methyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl) propionate using oil palm frond juice as a sole substrate by Ceratocystis fimbriata	2018	Malaysian Applied Biology	47	2	9	13
Che Man, R., Suhaimi, S., Jamil, N., Mohd Arshad, Z.I., Md. Shaarani, S., Sulaiman, S.Z., Abdul Mudalip, S.K., Ramli, A.N.M.	Effect of reaction conditions on the synthesis of cyclodextrin (CD) by using immobilized enzyme	2018	Jurnal Teknologi	80	3	165	171
Ng, H.W., Lee, M.F.X., Chua, G.K., Gan, B.K., Tan, W.S., Ooi, C.W., Tang, S.Y., Chan, E.S., Tey, B.T.	Size-selective purification of hepatitis B virus-like particle in flow-through chromatography: Types of ion exchange adsorbent and grafted polymer architecture	2018	Journal of Separation Science	41	10	2119	2129

Lam, S.S., Liew, R.K., Cheng, C.K., Rasit, N., Ooi, C.K., Ma, N.L., Ng, J. H., Lam, W.H., Chong, C.T., Chase, H.A.	Pyrolysis production of fruit peel biochar for potential use in treatment of palm oil mill effluent	2018	Journal of Environmental Management	213		400	408
Yusof, M.A., Nor Rahman, N.H., Sulaiman, S.Z., Sofian, A.H., Mat Desa, M.S.Z., Izirwan, I.	Development of low density polyethylene/graphene nanoplatelets with enhanced thermal properties	2018	2018 IEEE 9th International Conference on Mechanical and Intelligent Manufacturing Technologies, ICMIMT 2018	2018-January		6	9
Razali, M.N., Mohd Isa, S.N.E., Md Salehan, N.A., Musa, M., Abd Aziz, M.A., Nour, A.H., Yunus, R.M.	Characterization of industrial wastes as raw materials for Emulsified Modified Bitumen (EMB) formulation	2018	IOP Conference Series: Materials Science and Engineering	342	1		
Zainol, N., Rahim, S.R.	Effect of garlic solution to Bacillus sp. removal	2018	IOP Conference Series: Materials Science and Engineering	342	1		
Imla Syafiqah, M.S., Yussof, H.W.	Adsorption of mercury from aqueous solutions using palm oil fuel ash as an adsorbent - Batch studies	2018	IOP Conference Series: Materials Science and Engineering	334	1		
Suhaila, N., Japar, A., Aizudin, M., Aziz, A., Razali, M.N.	Formulation of lubricating grease using Beeswax thickener	2018	IOP Conference Series: Materials Science and Engineering	342	1		
Yussof, H.W., Bahri, S.S., Mazlan, N.A.	Evaluation of power density on the bioethanol production using mesoscale oscillatory baffled reactor and stirred tank reactor	2018	IOP Conference Series: Materials Science and Engineering	334	1		
Zainol, N., Masngut, N., Jusup, M.K.	Kinetic study on ferulic acid production from banana stem waste via mechanical extraction	2018	IOP Conference Series: Materials Science and Engineering	342	1		
Aziz, N.H., Zainol, N.	Isolation and identification of soil fungi isolates from forest soil for flooded soil recovery	2018	IOP Conference Series: Materials Science and Engineering	342	1		

Nik Hassan, N.R., Ismail, N.M., Ghazali, S., Nuruzzaman, D.M.	Thermal properties of polyethylene reinforced with recycled-poly (ethylene terephthalate) flakes.	2018	IOP Conference Series: Materials Science and Engineering	342	1		
Rahman, S.A., Haron, G.A.S., Kanasan, R.K.R., Hasbullah, H.	Preliminary study on gas separation performance of flat sheet mixed matrix (PVDF/Zeolite)	2018	IOP Conference Series: Materials Science and Engineering	342	1		
Ruey Ong, H., Khan, M.M.R., Ramli, R., Shein Hong, C., Mohd Yunus, R.	Influence of CuO nanoparticle on palm oil based alkyd resin preparation and its antimicrobial activity	2018	IOP Conference Series: Materials Science and Engineering	324	1		
Norazlina, H., Hadi, A.A., Qurni, A.U., Amri, M., Mashelmie, S., Kamal, Y.	Degradability studies of PLA nanocomposites under controlled water sorption and soil burial conditions	2018	IOP Conference Series: Materials Science and Engineering	342	1		
Jamil, N., Husin, H., Aman, Z., Hassan, Z.	Investigation on the effect of THF on Nitrogen Hydrate formation under isobaric condition	2018	IOP Conference Series: Materials Science and Engineering	334	1		
Akindoyo, J.O., Beg, M.D.H., Ghazali, S., Heim, H.P., Feldmann, M.	Impact modified PLA-hydroxyapatite composites – Thermo-mechanical properties	2018	Composites Part A: Applied Science and Manufacturing	107		326	333
Liew, R.K., Nam, W.L., Chong, M.Y., Phang, X.Y., Su, M.H., Yek, P.N.Y., Ma, N.L., Cheng, C.K., Chong, C.T., Lam, S.S.	Oil palm waste: An abundant and promising feedstock for microwave pyrolysis conversion into good quality biochar with potential multi-applications	2018	Process Safety and Environmental Protection	115		57	69
Abdullah, A.H., Ismail, Z., Abidin, A.S.Z., Ismail, F.S., Yusoh, K.	PVA/Graphene Nanocomposite: Morphology and its Thermal Properties	2018	IOP Conference Series: Materials Science and Engineering	319	1		
Subramaniam, M., Sharma, S., Gupta, A., Abdullah, N.	Enhanced degradation properties of polypropylene integrated with iron and cobalt stearates and its synthetic application	2018	Journal of Applied Polymer Science	135	12		

Zahari, Z.M., Adnan, S.Z., Kanthasamy, R., Saleh, S., Abdul Samad, N.A.F.	Supersaturation Control using Analytical Crystal Size Distribution Estimator for Temperature Dependent in Nucleation and Crystal Growth Phenomena	2018	IOP Conference Series: Materials Science and Engineering	318	1		
Mohd Harun, N.H.H., Abdul Samad, N.A.F., Saleh, S.	Anhydrous Weight Loss Prediction of Meranti Sawdust during Torrefaction using Rousset Model	2018	IOP Conference Series: Materials Science and Engineering	318	1		
Chin, S.C., Tong, F.S., Doh, S.I., Gimbun, J., Ong, H.R., Serigar, J.P.	Strengthening Performance of PALF-Epoxy Composite Plate on Reinforced Concrete Beams	2018	IOP Conference Series: Materials Science and Engineering	318	1		
Islam, M.A., Ethiraj, B., Cheng, C.K., Yousuf, A., Khan, M.M.R.	An Insight of Synergy between Pseudomonas aeruginosa and Klebsiella variicola in a Microbial Fuel Cell	2018	ACS Sustainable Chemistry and Engineering	6	3	4130	4137
Nazeri, M.A., Zain, N.M.	Effect of different operating parameters on extraction of active compounds from pitaya peel by microwave assisted extraction (MAE)	2018	Jurnal Teknologi	80	2	51	58
Alara, O.R., Abdurahman, N.H., Mudalip, S.K.A., Olalere, O.A.	Characterization and effect of extraction solvents on the yield and total phenolic content from Vernonia amygdalina leaves	2018	Journal of Food Measurement and Characterization	12	1	311	316
Hidayah, N.N., Nurihan, M.F.S., Abidin, S.Z.	Liquid-liquid extraction of cerium using synergist extractant	2018	Journal of Mechanical Engineering and Sciences	12	1	3302	3312
Abdurahman, N.H., Azhari, N.H.	An integrated umas for pome treatment	2018	Journal of Water Reuse and Desalination	8	1	68	75
Mah, K.H., Yussof, H.W., Abu Seman, M.N., Mohammad, A.W.	Polyester thin film composite nanofiltration membranes via interfacial polymerization: Influence of five synthesis parameters on water permeability	2018	Journal of Mechanical Engineering and Sciences	12	1	3387	3398

Ibrahim, T.K., Mohammed, M.N., Mohammed, M.K., Najafi, G., Azwadi Che Sidik, N., Basrawi, F., Abdalla, A.N., Hoseini, S.S.	Experimental study on the effect of perforations shapes on vertical heated fins performance under forced convection heat transfer	2018	International Journal of Heat and Mass Transfer	118		832	846
Tengku Sallehudin, T.A., Abu Seman, M.N., Tuan Chik, S.M.S.	Preparation and Characterization Silver Nanoparticle Embedded Polyamide Nanofiltration (NF) Membrane	2018	MATEC Web of Conferences	150			
Yusoh, K., Kumaran, S.V., Ismail, F.S.	Surface Modification of Nanoclay for the Synthesis of Polycaprolactone (PCL) - Clay Nanocomposite	2018	MATEC Web of Conferences	150			
Mohd Salleh, I.S., Mustazar, N.A., Yussof, H.W.	Mercury Removal from Wastewater Using Palm Oil Fuel Ash	2018	MATEC Web of Conferences	150			
Ali, E.N., Tien Seng, H.	Heavy Metals (Fe, Cu, and Cr) Removal from Wastewater by Moringa Oleifera Press Cake	2018	MATEC Web of Conferences	150			
Abdul Mudalip, S.K., Abu Bakar, M.R., Jamal, P., Adam, F., Che Man, R., Sulaiman, S.Z., Mohd Arshad, Z.I., Md Shaarani, S.	Effects of Solvents on Polymorphism and Shape of Mefenamic Acid Crystals	2018	MATEC Web of Conferences	150			
Razali, M.N., Aziz, M.A.A., Jamin, N.F.M., Salehan, N.A.M.	Modification of bitumen using polyacrylic wig waste	2018	AIP Conference Proceedings	1930			
Mohammed, M.N., Bin Yusoh, K., Shariffuddin, J.H.B.H.	Poly(N-vinyl caprolactam) thermoresponsive polymer in novel drug delivery systems: A review	2018	Materials Express	8	1	21	34
Chin, S.Y., Hong, C.S., Kamaruzaman, M.R., Chua, G.K.	Chromatography strategies for the composition determination of bio-based sorbitol azelaic acid ester	2018	Polymer Testing	65		270	280

Setiabudi, H.D., Chong, C.C., Abed, S.M., Teh, L.P., Chin, S.Y.	Comparative study of Ni-Ce loading method: Beneficial effect of ultrasonic-assisted impregnation method in CO <sub>2</sub> reforming of CH <sub>4</sub> over Ni-Ce/SBA-15	2018	Journal of Environmental Chemical Engineering	6	1	745	753
Tong, F.S., Chin, S.C., Mustafa, M.T., Ong, H.R., Khan, M.M.R., Gimbun, J., Doh, S.I.	Influence of alkali treatment on physico- chemical properties of Malaysian bamboo fiber: A preliminary study [Pengaruh rawatan alkali terhadap sifat-sifat fizikal-kimia serat buluh Malaysia: Satu kajian awal]	2018	Malaysian Journal of Analytical Sciences	22	1	143	150
Harun, W.S.W., Asri, R.I.M., Alias, J., Zulkifli, F.H., Kadrigama, K., Ghani, S.A.C., Shariffuddin, J.H.M.	A comprehensive review of hydroxyapatite- based coatings adhesion on metallic biomaterials	2018	Ceramics International	44	2	1250	1268
Islam, M.A., Ethiraj, B., Cheng, C.K., Yousuf, A., Thiruvankadam, S., Prasad, R., Rahman Khan, M.M.	Enhanced Current Generation Using Mutualistic Interaction of Yeast-Bacterial Coculture in Dual Chamber Microbial Fuel Cell	2018	Industrial and Engineering Chemistry Research	57	3	813	821
Aziz, M.A.A., Isa, K.M., Miles, N.J., Rashid, R.A.	Pneumatic jig: effect of airflow, time and pulse rates on solid particle separation	2018	International Journal of Environmental Science and Technology			1	12
Islam, M.A., Yousuf, A., Karim, A., Pirozzi, D., Khan, M.R., Wahid, Z.A.	Bioremediation of palm oil mill effluent and lipid production by <i>Lipomyces starkeyi</i> : A combined approach	2018	Journal of Cleaner Production	172		1779	1787
Japar, N.S.A., Aziz, M.A.A., Razali, M.N., Rahman, N.W.A.	Grease and its application on electrical equipment: A review	2018	International Journal of Engineering and Technology(UAE)	7	3	23	29

Abdul Rahman, A.F.H., Seman, M.N.A.	Surface modification of polyethersulfone membrane via uv-grafting for forward osmosis technology [Modifikasi permukaan membran polyetersulfon melalui cantuman-uv untuk teknologi osmosis ke hadapan]	2018	Malaysian Journal of Analytical Sciences	22	3	542	552
Hamid, N.F., Said, F.M.	Optimization of red pigment production by <i>Monascus Purpureus</i> FTC 5356 using response surface methodology	2018	IIUM Engineering Journal	19	1	34	47
Harun, N., Ibrahim, W.H.W., Lukman, M.F., Yusoff, M.H.M., Daud, N.F.S., Zainol, N.	Process simulation of anaerobic digestion process for municipal solid waste treatment	2018	Green Energy and Technology		9.79E+12	71	83
Alara, O.R., Abdurahman, N.H.	Kinetics studies on effects of extraction techniques on bioactive compounds from <i>Vernonia cinerea</i> leaf	2018	Journal of Food Science and Technology				
Ahmad, S.M., Said, F.M.	Kinetic characterization of red pigment of <i>Monascus purpureus</i> at different level of nitrogen concentration	2018	International Journal of Engineering and Technology(UAE)	7	3	1	4
Hafif Bin Jalil, E., Abd Rahman, S., Zainol, N., Ajit, A., Sim Yee, C.	Sulfide removal from petrochemical wastewater using catalytic wet air oxidation (CWAO) method	2018	Materials Today: Proceedings	5	10	22043	22049
Imla Syafiqah, M.S., Yussof, H.W.	Kinetics, isotherms, and thermodynamic studies on the adsorption of mercury (ii) ion from aqueous solution using modified palm oil fuel ash	2018	Materials Today: Proceedings	5	10	21690	21697

Nyan, P.S., Saufi, S.M., Abdullah, S.B., Seman, M.N.A., Taib, M.M.	Tetrabutylphosphonium trifluoroacetate ([P <sub>4444</sub> ]CF <sub>3</sub> COO) thermoresponsive ionic liquid as a draw solution for forward osmosis process [Larutan ionik responsif haba tetrabutylfosfonium trifluoroasetat ([P <sub>4444</sub> ]CF <sub>3</sub> COO) sebagai larutan penarik untuk proses osmosis kehadapan]	2018	Malaysian Journal of Analytical Sciences	22	4	605	611
Wahab, M.S.A., Rahman, S.A.	The effect number of Pebax® 1657 coating layer on thin film composite (TFC) membrane for CO <sub>2</sub> /N <sub>2</sub> separation	2018	Chiang Mai Journal of Science	45	1	484	491
Noordin, N., Ghazali, S., Adnan, N.	Impact of sap-biochar incorporation on controlled release water retention fertilizer (CRWR) towards growth of okras (Abelmoschus Esculentus)	2018	Materials Today: Proceedings	5	10	21911	21918
Jamil, N., Che Man, R., Suhaimi, S., Md Shaarani, S., Iffah Mohd Arshad, Z., Kholijah Abdul Mudalip, S., Zubaidah Sulaiman, S.	Effect of enzyme concentration and temperature on the immobilization of cyclodextrin glucanotransferase (CGTase) on hollow fiber membrane	2018	Materials Today: Proceedings	5	10	22036	22042
Alara, O.R., Abdurahman, N.H., Olalere, O.A.	Optimization of microwave-assisted extraction of flavonoids and antioxidants from Vernonia amygdalina leaf using response surface methodology	2018	Food and Bioproducts Processing	107		36	48
Norhayati, A., Mohammad Zuhaili, Y., Rabiatuladawiah, M.	Synthesis and characterization of poly(HEMA-co-EGDMA-co-VBC) by modified suspension polymerization: Effects of polymerization parameters reaction on chemical and thermal properties of polymer	2018	Materials Today: Proceedings	5	10	22010	22019



Abd Rahim, S., Amanina Mohamad Adaris, N.	Effect of crystallization method on the formation of carbamazepine-saccharin co-crystal	2018	Materials Today: Proceedings	5	10	22074	22079
Alara, O.R., Abdurahman, N.H., Olalere, O.A.	Mathematical modelling and morphological properties of thin layer oven drying of Vernonia amygdalina leaves	2018	Journal of the Saudi Society of Agricultural Sciences				
Sukor, N., Jusoh, R., Rahim, S.A., Kamarudin, N.	Ultrasound assisted methods for enhanced extraction of phenolic acids from Quercus Infectoria galls	2018	Materials Today: Proceedings	5	10	21990	21999
Nuridin, S., Wei, L.K., Sivaguru, M.V., Ibrahim, N., Khairuddin, S.A., Sukri, H.A.M.	Recovery of calcium carbonate from Pre-Treated Duck Eggshell Waste (PDEW) using Dissolved Air Flotation Technique (DAFT)	2018	International Journal of Engineering and Technology(UAE)	7	3.7 Special Issue 7	577	581
Tajuddin, M.M., Ideris, A., Ismail, M.	In Situ Glycine-Nitrate Combustion Synthesis of Ni-La/SiO <sub>2</sub> Catalyst for Methane Cracking	2018	Industrial and Engineering Chemistry Research				
Abd Rahim, S., Shuan Koh, R.	Removal of sulphide using phytoremediation process	2018	Materials Today: Proceedings	5	10	22069	22073
Abd Rahim, S., Li Teo, K.	Preliminary study of sulphide removal using ion exchange resin	2018	Materials Today: Proceedings	5	10	22080	22084
Shu Qing, L., Adnan, N., Ghazali, S., Noordin, N.	Effect of gas foaming and porosigen techniques on the properties of superporous hydrogels	2018	Materials Today: Proceedings	5	10	21841	21848
Md Zain, W.S., Hairul Salleh, N.I., Abdullah, A.	Natural Biocides for Mitigation of Sulphate Reducing Bacteria	2018	International Journal of Corrosion	2018			
Nazarni Che Isa, M., Ajit, A., Naila, A., Sulaiman, A.Z.	Effect of microwave assisted hydrodistillation extraction on extracts of Ficus deltoidea	2018	Materials Today: Proceedings	5	10	21772	21779

Anuar, N., Pauzi, N.S., Ain Yusop, S.N., Azmi, N.S.M., Rahim, S.A., Othman, M.F.	Prediction of carbamazepine-succinic acid co-crystal dissolution in ethanolic solution using a computational molecular dynamic simulation technique	2018	International Journal of Engineering and Technology(UAE)	7	4	122	128
Olalere, O.A., Abdurahman, N.H., Yunus, R.B.M., Alara, O.R., Ahmad, M.M.	Mineral element determination and phenolic compounds profiling of oleoresin extracts using an accurate mass LC-MS-QTOF and ICP-MS	2018	Journal of King Saud University - Science				
Kusumaningtyas, R.D., Prasetiawan, H., Pratama, B.R., Prasetya, D., Hisyam, A.	Esterification of non-edible oil mixture in reactive distillation column over solid acid catalyst: Experimental and simulation study	2018	Journal of Physical Science	29		212	226
Norfatima Engku Dahalan, E., Helmi Sofian, A., Abdullah, A., Md Noor, N.	Corrosion behavior of organic epoxy-zinc coating with fly ash as an extender pigment	2018	Materials Today: Proceedings	5	10	21629	21635
Hassan, Z., Shaharuddin, H., Wan Asma, I., Siti Nur Ridhwah, M.R.	Production and applications of biodiesel from high acid value feedstocks	2018	Journal of Mechanical Engineering	5	Specialissue6	10	15
Nadzri, N.N.A.L., Mohd Zahari, M.A.K., Tajuddin, S.N., Che Mohd, C.M.A.	Production of volatile organic compounds using oil palm frond juice as a sole substrate by Ceratocystis fimbriata [Penghasilan sebatian organik meruap menggunakan jus pelepah kelapa sawit sebagai substrat tunggal oleh Ceratocystis fimbriata]	2018	Malaysian Journal of Analytical Sciences	22	4	684	692
Abugabr Elhag, H.E.E., Naila, A., Nour, A.H., Ajit, A., Sulaiman, A.Z., Aziz, B.A.	Optimization of protein yields by ultrasound assisted extraction from Eurycoma longifolia roots and effect of agitation speed	2018	Journal of King Saud University - Science				

Ayodele, B.V., Bin Mohd Yassin, M.Y., Naim, R., Abdullah, S.	Hydrogen production by thermo-catalytic conversion of methane over lanthanum strontium cobalt ferrite (LSCF) and $\alpha\text{Al}_2\text{O}_3$ supported Ni catalysts	2018	Journal of the Energy Institute				
Hasan, R., Setiabudi, H.D.	Removal of Pb(II) from aqueous solution using KCC-1: Optimization by response surface methodology (RSM)	2018	Journal of King Saud University - Science				
Ong, H.R., Khan, M.M.R., Ramli, R., Yunus, R.M., Rahman, M.W., Hong, C.S., Ahmad, M.S.	Formation of CuO Nanoparticle in Glycerol and Its Catalytic Activity for Alkyd Resin Synthesis	2018	Materials Today: Proceedings	5	1	3165	3175
Ayodele, B.V., Ghazali, A.A., Mohd Yassin, M.Y., Abdullah, S.	Optimization of hydrogen production by photocatalytic steam methane reforming over lanthanum modified Titanium (IV) oxide using response surface methodology	2018	International Journal of Hydrogen Energy				
Ukaegbu, C.I., Shah, S.R., Hamid, H.A., Normaiza, Z., Alara, O.R.	Extracts of <i>Hypsizygus tessellatus</i> (white var.) caps inhibited MCF-7 and MDA-MB-231 cell lines proliferation	2018	Journal of Food Measurement and Characterization				
Md Radzi, M.R., Azizan, M.T., Daud, N.F.D.M., Topek, M.A., Abidin, S.Z.	Aqueous phase reforming of sorbitol over Ca doped Ni/ $\text{Al}_2\text{O}_3$ for value-added chemicals production	2018	Materials Today: Proceedings	5	10	21728	21736
Haniff, M., Bijarimi, M., Zaidi, M.S., Sahrim, A.	Preparation and characterization of poly(Lactic acid) (PLA)/ polyoxymethylene (POM) blends	2018	Materials Science Forum	917 MSF		3	6
Yadav, S.M., Yusoh, K.B.	Sub-surface mechanical properties and sub-surface creep behavior of wood-plastic composites reinforced by organoclay	2018	Science and Engineering of Composite Materials				

Norazlina, H., Hadi, A.A., Qurni, A.U., Amri, M., Mashelmie, S., Kamal, Y.	Effects of multi-walled carbon nanotubes (MWCNTs) on the degradation behavior of plasticized PLA nanocomposites	2018	Polymer Bulletin				
Yadav, S.M., Yusoh, K.B.	Subsurface mechanical properties and subsurface creep behaviour of modified nanoclay-based wood-plastic composites studied by nanoindentation	2018	Polymer Bulletin				
Beg, M.D.H., Islam, M.R., Mamun, A.A., Heim, H.-P., Feldmann, M., Akindoyo, J.O.	Characterization of polyamide 6.10 composites incorporated with microcrystalline cellulose fiber: Effects of fiber loading and impact modifier	2018	Advances in Polymer Technology				
Haslinda Shariffuddin, J., Chee Yean, W., Shariah Ghazali, S.	Investigating the catalytic properties of calcium compounds derived from marine based shell waste for wastewater treatment	2018	Materials Today: Proceedings	5	10	21718	21727
Naim, R., Ismail, A.F., Matsuura, T., Rudaini, I.A., Abdullah, S.	Polyetherimide hollow fiber membranes for CO <sub>2</sub> absorption and stripping in membrane contactor application	2018	RSC Advances	8	7	3556	3563
Harruddin, N., Saufi, S.M., Faizal, C.K.M., Mohammad, A.W.	Effect of VIPS fabrication parameters on the removal of acetic acid by supported liquid membrane using a PES-graphene membrane support	2018	RSC Advances	8	45	25396	25408
Eldin Elhag Abugabr Elhag, H., Naila, A., Ajit, A., Abdul Aziz, B., Ziad Sulaiman, A.	Sequential extraction of saponins from Eurycoma longifolia roots by water extraction and ultrasound-assisted extraction	2018	Materials Today: Proceedings	5	10	21672	21681
Ng, K.H., Cheng, Y.W., Lee, Z.S., Cheng, C.K.	A study into syngas production from catalytic steam reforming of palm oil mill effluent (POME): A new treatment approach	2018	International Journal of Hydrogen Energy				

Syahirah Kamarudin, N., Jusoh, R., Dina Setiabudi, H., Fateha Sukor, N.	Photodegradation of methylene blue using phyto-mediated synthesis of silver nanoparticles: Effect of calcination treatment	2018	Materials Today: Proceedings	5	10	21981	21989
Zain, N.M., Akindoyo, J.O., Beg, M.D.H.	Synthetic antimicrobial agent and antimicrobial fabrics: Progress and challenges	2018	IIUM Engineering Journal	19	2	10	29
Chong, C.C., Abdullah, N., Bukhari, S.N., Ainirazali, N., Teh, L.P., Setiabudi, H.D.	Hydrogen production via CO <sub>2</sub> reforming of CH <sub>4</sub> over low-cost Ni/SBA-15 from silica-rich palm oil fuel ash (POFA) waste	2018	International Journal of Hydrogen Energy				
Mahmud, M.S., Yaakob, Z., Mohamad, A.B., Daud, W.R.W., Viet, V.N.D.	Amorphous structure in Cu-Zn-V-Al oxide composite catalyst for methanol reforming	2018	IIUM Engineering Journal	19	1	197	214
Siti Atikah Wan Omar, W., Ziad Sulaiman, A., Ajit, A.	Bioprocesses characterization of 2-L sonobioreactor	2018	Materials Today: Proceedings	5	10	22101	22108
Hasan, R., Bukhari, S.N., Jusoh, R., Mutamin, N.S.A., Setiabudi, H.D.	Adsorption of Pb(II) onto KCC-1 from aqueous solution: Isotherm and kinetic study	2018	Materials Today: Proceedings	5	10	21574	21583
Najmuldeen, G.F., Narayanan, K., Kirubananthan, D.A.P., Faisal, G.G.	Comparison of tongkat ali root chemical composition extracted by soxhlet, conventional steam and microwave assisted extraction techniques	2018	Pharmacognosy Journal	10	5	916	920
Bukhari, S.N., Owgi, A.H.K., Ainirazali, N., Vo, D.-V.N., Setiabudi, H.D.	Enhanced catalytic performance of Ni/SBA-15 towards CO <sub>2</sub> methanation via P123-assisted method	2018	Materials Today: Proceedings	5	10	21620	21628
Islam, M.R., Beg, M.D.H.	Thermo-mechanical properties of glass fiber and functionalized multi-walled carbon nanotubes filled polyester composites	2018	Polymer Composites				

Suzuki, Y., Xie, Z., Lu, X., Cheng, Y.W., Amal, R., Ng, Y.H.	Cadmium sulfide Co-catalyst reveals the crystallinity impact of nickel oxide photocathode in photoelectrochemical water splitting	2018	International Journal of Hydrogen Energy				
Chong, C.C., Owgi, A.H.K., Ainirazali, N., Chin, S.Y., Setiabudi, H.D.	CO <sub>2</sub> reforming of CH <sub>4</sub> over Ni/SBA-15 prepared by surfactant-assisted impregnation method: Comparative study of surfactant types	2018	Materials Today: Proceedings	5	10	21644	21651
Hassan, S., Adam, F., Abu Bakar, M.R., Abdul Mudalip, S.K.	Evaluation of solvents' effect on solubility, intermolecular interaction energies and habit of ascorbic acid crystals	2018	Journal of Saudi Chemical Society				
Abdullah, N., Chong, C.C., Razak, H.A., Ainirazali, N., Chin, S.Y., Setiabudi, H.D.	Synthesis of Ni/SBA-15 for CO <sub>2</sub> reforming of CH <sub>4</sub> : Utilization of palm oil fuel ash as silica source	2018	Materials Today: Proceedings	5	10	21594	21603
Kamaruzaman, M.R., Chin, S.Y., Pui, E.C.L., Prasetiawan, H., Azizan, N.	Synthesis of Biobased Polyester Polyol through Esterification of Sorbitol with Azelaic Acid Catalyzed by Tin(II) Oxide: A Kinetic Modeling Study	2018	Industrial and Engineering Chemistry Research				
Rahman, F.A., Nasir, E.N.E.M., Rahim, S.A., Edros, R.Z., Anuar, N.	Effect of solvents and crystallization methods on the formation of Carbamazepine-Saccharin Co-Crystal	2018	International Journal of Engineering and Technology(UAE)	7	4	90	94
Pang, Y.S., Law, W.P., Pung, K.Q., Gimbin, J.	A computational fluid dynamics study of turbulence, radiation, and combustion models for natural gas combustion burner	2018	Bulletin of Chemical Reaction Engineering & Catalysis	13	1	155	169
Hossain, M.A., Ayodele, B.V., Cheng, C.K., Khan, M.R.	Syngas production from catalytic CO <sub>2</sub> reforming of CH <sub>4</sub> over CaFe <sub>2</sub> O <sub>4</sub> supported Ni and Co catalysts: Full factorial design screening	2018	Bulletin of Chemical Reaction Engineering & Catalysis	13	1	57	73

Karim, K.M.R., Ong, H.R., Abdullah, H., Yousuf, A., Cheng, C.K., Khan, M.M.R.	Electrochemical study of copper ferrite as a catalyst for CO <sub>2</sub> photoelectrochemical reduction	2018	Bulletin of Chemical Reaction Engineering & Catalysis	13		236	244
Abdul Mudalip, S.K., Abu Bakar, M.R., Jamal, P., Adam, F.	Prediction of Mefenamic Acid Solubility and Molecular Interaction Energies in Different Classes of Organic Solvents and Water	2018	Industrial and Engineering Chemistry Research				
Kormin, S., Kormin, F., Dalour Hossen Beg, M.	Study of natural weathering exposure on properties of lDpe incorporated with sago starch	2018	Materials Today: Proceedings	5	10	21636	21643
Gimbun, J., Nguang, S.L., Pang, S.F., Yeong, Y.L., Kee, K.L., Chin, S.C.	Assessment of Phenolic Compounds Stability and Retention during Spray Drying of Phyllanthus niruri Extracts	2018	Industrial and Engineering Chemistry Research				
Ahmed Khan, T., Kim, H.-J., Gupta, A., Jamari, S.S., Jose, R.	Synthesis and characterization of carbon microspheres from rubber wood by hydrothermal carbonization	2018	Journal of Chemical Technology and Biotechnology				
Cheng, Y.W., Lee, Z.S., Chong, C.C., Khan, M.R., Cheng, C.K., Ng, K.H., Hossain, S.S.	Hydrogen-rich syngas production via steam reforming of palm oil mill effluent (POME) – A thermodynamics analysis	2018	International Journal of Hydrogen Energy				
Akindoyo, J.O., Beg, M.D.H., Ghazali, S., Alam, A.K.M.M., Heim, H.P., Feldmann, M.	Synergized poly(lactic acid)–hydroxyapatite composites: Biocompatibility study	2018	Journal of Applied Polymer Science				
Gupta, A., Kumar, A., Sharma, K.V., Gupta, R.	Application of High Conductive Nanoparticles to Enhance the Thermal and Mechanical Properties of Wood Composite	2018	Materials Today: Proceedings	5	1	3143	3149
Pecharaumporn, P., Wongsakulphasatch, S., Glinrun, T., Maneedaeng, A., Hassan, Z., Assabumrungrat, S.	Synthetic CaO-based sorbent for high-temperature CO <sub>2</sub> capture in sorption-enhanced hydrogen production	2018	International Journal of Hydrogen Energy				

Balasundram, V., Ibrahim, N., Kasmani, R.M., Hamid, M.K.A., Isha, R., Hasbullah, H., Ali, R.R.	Thermogravimetric catalytic pyrolysis and kinetic studies of coconut copra and rice husk for possible maximum production of pyrolysis oil	2018	Journal of Cleaner Production	167		218	228
Yusof, M.S.M., Jalil, A.A., Ahmad, A., Triwahyono, S., Othman, M.H.D., Abdullah, T.A.T., Firmansyah, M.L., Setiabudi, H.D., Johari, A., Nabgan, W.	Effect of Pt–Pd/C coupled catalyst loading and polybenzimidazole ionomer binder on oxygen reduction reaction in high-temperature PEMFC	2018	International Journal of Hydrogen Energy				
Hadi, A.J., Abdulkadir, H.K., Hadi, G.J., Yusoh, K.B., Hasany, S.F.	Mechanical and thermal properties of the waste low and high density polyethylene-nanoclay composites	2018	Oriental Journal of Chemistry	34	2	1069	1077
Awad, A., Masiran, N., Abdus Salam, M., Vo, D.-V.N., Abdullah, B.	Non-oxidative decomposition of methane/methanol mixture over mesoporous Ni-Cu/Al <sub>2</sub> O <sub>3</sub> Co-doped catalysts	2018	International Journal of Hydrogen Energy				
Mohd Arif, N.N., Abidin, S.Z., Osazuwa, O.U., Vo, D.-V.N., Azizan, M.T., Taufiq-Yap, Y.H.	Hydrogen production via CO <sub>2</sub> dry reforming of glycerol over Re–Ni/CaO catalysts	2018	International Journal of Hydrogen Energy				
Bukhari, S.N., Chong, C.C., Teh, L.P., Vo, D.-V.N., Ainirazali, N., Triwahyono, S., Jalil, A.A., Setiabudi, H.D.	Promising hydrothermal technique for efficient CO <sub>2</sub> methanation over Ni/SBA-15	2018	International Journal of Hydrogen Energy				
Fayaz, F., Nga, N.T.A., Pham, T.L.M., Danh, H.T., Abdullah, B., Setiabudi, H.D., Vo, D.-V.N.	Hydrogen production from ethanol dry reforming over lanthania-promoted Co/Al <sub>2</sub> O <sub>3</sub> catalyst	2018	IJUM Engineering Journal	19	1	24	33
Siang, T.J., Bach, L.G., Singh, S., Truong, Q.D., Ho, V.T.T., Huy Phuc, N.H., Alenazey, F., Vo, D.-V.N.	Methane bi-reforming over boron-doped Ni/SBA-15 catalyst: Longevity evaluation	2018	International Journal of Hydrogen Energy				