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Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
Mohd Yusof M.A., Abu Seman M.N., Hilal N.	Development of polyamide forward osmosis membrane for humic acid removal	2016	Desalination and Water Treatment	57	60	29113	29117
Ghazali W.M., Idris D.M.N.D., Sofian A.H., Siregar J.P., Aziz I.A.A.	A review on failure characteristics of polymer gear	2016	MATEC Web of Conferences	90			
Mat Desa M.S.Z., Hassan A., Arsad A., Arjmandi R., Mohammad N.N.B.	Influence of rubber content on mechanical, thermal, and morphological behavior of natural rubber toughened poly(lactic acid)-multiwalled carbon nanotube nanocomposites	2016	Journal of Applied Polymer Science	133	48		
Ng K.H., Cheng Y.W., Khan M.R., Cheng C.K.	Optimization of photocatalytic degradation of palm oil mill effluent in UV/ZnO system based on response surface methodology	2016	Journal of Environmental Management	184		487	493
Jeyaratnam N., Nour A.H., Kanthasamy R., Nour A.H., Yuvaraj A.R., Akindoyo J.O.	Essential oil from Cinnamomum cassia bark through hydrodistillation and advanced microwave assisted hydrodistillation	2016	Industrial Crops and Products	92		57	66
Mah K.H., Yussof H.W., Seman M.N.A., Mohammad A.W.	Synthesis and characterization of polyester thin film composite membrane via interfacial polymerization: Fouling behaviour of uncharged solute	2016	IOP Conference Series: Materials Science and Engineering	162	1		
Roli N.F.M., Yussof H.W., Seman M.N.A., Saufi S.M., Mohammad A.W.	Separating xylose from glucose using spiral wound nanofiltration membrane: Effect of cross-flow parameters on sugar rejection	2016	IOP Conference Series: Materials Science and Engineering	162	1		
Mohammed M., Yusoh K.B., Shariffuddin J.H.B.H.	Methodized depiction of design of experiment for parameters optimization in synthesis of poly(Nvinylcaprolactam) thermoresponsive polymers	2016	Materials Research Express	3	12		

Yadav S.M., Yusoh K.B.	Preparation and characterization of wood plastic composite reinforced by organoclay	2016	Journal of the Indian Academy of Wood Science	13	2	118	131
Ayodele B.V., Cheng C.K.	Biorefinery for the production of biodiesel, hydrogen and synthesis gas integrated with CHP from oil palm in Malaysia	2016	Chemical Product and Process Modeling	11	4	305	314
Ong H.R., Ramli R., Khan M.M.R., Yunus R.M.	The influence of CuO nanoparticle on non-edible rubber seed oil based alkyd resin preparation and its antimicrobial activity	2016	Progress in Organic Coatings	101		245	252
Mah K.H., Yussof H.W., Abu Seman M.N., Mohammad A.W.	Effect of curing time on the pore size and effective thickness/porosity of polyester thin film composite nanofiltration membranes	2016	Jurnal Teknologi	78	12	31	37
Harruddin N., Saufi S.M., Faizal C.K.M., Mohammad A.W.	Evaluation of different polymeric membrane support for acetic acid removal by supported liquid membrane process	2016	Jurnal Teknologi	78	12	13	18
Roli N.F.M., Yussof H.W., Saufi S.M., Seman M.N.A., Mohammad A.W.	Separation of xylose from glucose using pilot scale spiral wound commercial membrane	2016	Jurnal Teknologi	78	12	1	5
Bahari M.B., Phuc N.H.H., Abdullah B., Alenazey F., Vo D.-V.N.	Ethanol dry reforming for syngas production over Ce-promoted Ni/Al ₂ O ₃ catalyst	2016	Journal of Environmental Chemical Engineering	4	4	4830	4838
Abdul Wahab M.S., Sunarti A.R., Farhana D.N.	Preliminary investigation on gas separation ability of polysulfone/pebax 1657 composite membrane	2016	Jurnal Teknologi	78	11	155	160
Yadav S.M., Yusoh K.B.	Modification of pristine nanoclay and its application in wood-plastic composite	2016	E-Polymers	16	6	447	461
Chin S.Y., Kamaruzaman M.R., Ahmad M.A.A.	Synthesis and Characterization of Dealuminated Ultra-Stable Zeolite Y Supported Cesium Salt of Phosphotungstic Acid for the Esterification of Acrylic Acid with Butanol	2016	Chemical Engineering Communications	203	11	1515	1522

Mohd Shariff A., Abdul Aziz H., Abdul Majid N.D.	Way forward in Process Safety Management (PSM) for effective implementation in process industries	2016	Current Opinion in Chemical Engineering	14		56	60
Zainol N., Thangaperumal N., Zahari N.H., Aziz N.H.	Factorial Analysis on Flooded Soil Recovery Using Soil Containing Arbuscular Mycorrhizal Fungi	2016	MATEC Web of Conferences	78			
Zainol N., Thangaperumal N., Zahari N.H., Aziz N.H.	Kinetic Study on Flooded Soil Recovery Using Soil Containing Arbuscular Mycorrhizal Fungi	2016	MATEC Web of Conferences	78			
Chua G.K.	Development of a low-serum medium for the production of monoclonal antibody against congenital adrenal hyperplasia by hybridoma culture	2016	Preparative Biochemistry and Biotechnology	46	7	679	685
Khushairi Z.A., Yussof H.W., Rodzri N.A., Abu Samah R., Zainol N.	A factorial analysis study on factors contribution to ferulic acid production from oil palm frond waste	2016	Jurnal Teknologi	78	10	147	152
Mohd Nawli W.N.R., Wan Alwi S.R., Manan Z.A., Klemeš J.J.	Pinch Analysis targeting for CO2 Total Site planning	2016	Clean Technologies and Environmental Policy	18	7	2227	2240
Arifin M.A., Mel M., Samsudin N., Hashim Y.Z.H.-Y., Salleh H.M., Sopyan I., Nordin N.	Ultraviolet/ozone treated polystyrene microcarriers for animal cell culture	2016	Journal of Chemical Technology and Biotechnology	91	10	2607	2619
Mun L.W., Rafiqul I.S.M., Sakinah A.M.M., Zularisam A.W.	Purification of bioxylitol by liquid-liquid extraction from enzymatic reaction mixture	2016	Separation Science and Technology (Philadelphia)	51	14	2369	2377
Ng K.H., Cheng C.K.	Photo-polishing of POME into CH4-lean biogas over the UV-responsive ZnO photocatalyst	2016	Chemical Engineering Journal	300		127	138
Hor C.H., Chew F.N.	Determination of green fluorescent protein by ultraviolet-excited gel imaging	2016	Instrumentation Science and Technology	44	5	558	565
Law W.P., Ibrahim W.H.W., Gimbin J.	Modeling of Methyl Methacrylate Polymerization Using MATLAB	2016	Chemical Product and Process Modeling	11	3	185	196
Abdulbari H.A., Mahammed H.D., Yaacob Z.B., Mahmood W.K.	Wall pressure signatures of turbulent flow over longitudinal	2016	MATEC Web of Conferences	75			

Krishnan S., Singh L., Sakinah M., Thakur S., Wahid Z.A., Alkasrawi M.	Process enhancement of hydrogen and methane production from palm oil mill effluent using two-stage thermophilic and mesophilic fermentation	2016	International Journal of Hydrogen Energy	41	30	12888	12898
Abd Rahim S., Tan C.C., Ramle N.A.	Carbamazepine-fumaric acid co-crystal screening using solution based method	2016	MATEC Web of Conferences	69			
Ghazali S., Jamari S., Noordin N., Tan K.M.	Pyrolysis of carbonaceous particles and properties of Carbonaceous-g-Poly (acrylic acid-co-acrylamide) superabsorbent polymer for agricultural applications	2016	MATEC Web of Conferences	69			
Othman M.F., Jamburi N., Anuar N., Abd Rahim S., Rohalim N.H.	Ibuprofen-amino acids co-crystal screening via co-grinding methods	2016	MATEC Web of Conferences	69			
Nor N.M., Isha R.	Characteristics of liquid fuel produced from catalytic pyrolysis of plastic mixture resin: Nickel supported with either alumina or oil palm biomass ash catalyst	2016	ARPJ Journal of Engineering and Applied Sciences	11	16	9901	9907
Abdulbari H.A., Mahammed H.D., Yaacob Z.B., Mahmood W.K.	Shark skin for enhancing the flow of underwater vehicles	2016	ARPJ Journal of Engineering and Applied Sciences	11	16	9895	9901
Mohd Nawi W.N.R., Wan Alwi S.R., Manan Z.A., Klemeš J.J.	A systematic technique for cost-effective CO2 emission reduction in process plants	2016	Clean Technologies and Environmental Policy	18	6	1769	1777
Ayodele B.V., Hossain S.S., Lam S.S., Osazuwa O.U., Khan M.R., Cheng C.K.	Syngas production from CO2 reforming of methane over neodymium sesquioxide supported cobalt catalyst	2016	Journal of Natural Gas Science and Engineering	34		873	885
Law W.P., Gimbin J.	Scale-adaptive simulation on the reactive turbulent flow in a partial combustion lance: Assessment of thermal insulators	2016	Applied Thermal Engineering	105		887	893
Abidin A.S.Z., Yusoh K., Jamari S.S., Abdullah A.H., Ismail Z.	Enhanced performance of alkylated graphene reinforced polybutylene succinate nanocomposite	2016	AIP Conference Proceedings	1756			
Ismail Z., Yusoh K.	Facile method for liquid-exfoliated graphene size prediction by UV-visible spectroscopy	2016	AIP Conference Proceedings	1756			

Hossain M.A., Ayodele B.V., Cheng C.K., Khan M.R.	Artificial neural network modeling of hydrogen-rich syngas production from methane dry reforming over novel Ni/CaFe ₂ O ₄ catalysts	2016	International Journal of Hydrogen Energy	41	26	11119	11130
Hossain M.A., Ayodele B.V., Cheng C.K., Khan M.R.	Artificial neural network modeling of hydrogen-rich syngas production from methane dry reforming over novel Ni/CaFe ₂ O ₄ catalysts	2016	International Journal of Hydrogen Energy	41	26	11119	11130
Sumi S.A., Rahman W., Alam J., Dafader N.C., Manir S., Khan M.R.	Irradiated sodium-alginate/poly(ethylene oxide) blend films improved by methyl acrylate monomer	2016	Journal of Applied Polymer Science	133	26		
Nor Shahirah M.N., Abdullah S., Gim bun J., Ng Y.H., Cheng C.K.	A study on the kinetics of syngas production from glycerol over alumina-supported samarium–nickel catalyst	2016	International Journal of Hydrogen Energy	41	25	10568	10577
Harun A., Ab Lah N.K.I.N., Husin H., Hassan Z.	An overview of wax crystallization, deposition mechanism and effect of temperature & shear	2016	ICIMSA 2016 - 2016 3rd International Conference on Industrial Engineering, Management Science and Applications				
Khan M.M.R., Rahman M.W., Ong H.R., Ismail A.B., Cheng C.K.	Tea dust as a potential low-cost adsorbent for the removal of crystal violet from aqueous solution	2016	Desalination and Water Treatment	57	31	14728	14738
Shamsinar N., Saufi S.M.	Adsorptive Cation Exchanger Mixed Matrix Membrane Chromatography for the Isolation of Lysozyme from Chicken Egg White	2016	Arabian Journal for Science and Engineering	41	7	2479	2485
Akindoyo J.O., Hossen Beg M.D., Ghazali S., Islam M.R.	The effects of wettability, shear strength, and Weibull characteristics of fiber-reinforced poly(lactic acid) composites	2016	Journal of Polymer Engineering	36	5	489	497
Ayodele B.V., Hossain M.A., Chong S.L., Soh J.C., Abdullah S., Khan M.R., Cheng C.K.	Non-isothermal kinetics and mechanistic study of thermal decomposition of light rare earth metal nitrate hydrates using thermogravimetric analysis	2016	Journal of Thermal Analysis and Calorimetry	125	1	423	435

Ghazali Q., Yasin N.H.M.	The effect of organic solvent, temperature and mixing time on the production of oil from <i>Moringa oleifera</i> seeds	2016	IOP Conference Series: Earth and Environmental Science	36	1		
Mahmood S.S., Husin H., Mat-Shayuti M.S., Hassan Z.	A review on the cords & plies reinforcement of elastomeric polymer matrix	2016	IOP Conference Series: Earth and Environmental Science	36	1		
Setiabudi H.D., Jusoh R., Suhaimi S.F.R.M., Masrur S.F.	Adsorption of methylene blue onto oil palm (<i>Elaeis guineensis</i>) leaves: Process optimization, isotherm, kinetics and thermodynamic studies	2016	Journal of the Taiwan Institute of Chemical Engineers	63		363	370
Mukhlis M.Z.B., Khan M.M.R., Islam A.R., Akanda A.N.M.S.	Removal of reactive dye from aqueous solution using coagulation-flocculation coupled with adsorption on papaya leaf	2016	Journal of Mechanical Engineering and Sciences	10	1	1884	1894
Wan Jusoh W.Z.A., Sunarti Abdul Rahman, Naim R.	The effects of adipic acid on the hydrophobicity iPP membranes prepared using DPE via tips	2016	ARPJ Journal of Engineering and Applied Sciences	11	10	6376	6383
Reduan N.A., Ghazali S., Jamari S.S.	Effect of temperature and NaCl concentration on synthesis of silver nanoparticles prepared in aqueous medium	2016	ARPJ Journal of Engineering and Applied Sciences	11	10	6399	6404
Ghazali S., Noordin N.	Morphology and optical properties of AGNPs: Effect of reducing agent to surfactant ratio	2016	ARPJ Journal of Engineering and Applied Sciences	11	10	6384	6388
Cheng C.K., Chan H.J.	Potential of empty fruit bunch clinker as a support for nickel and cobalt catalysts in methane dry reforming: Waste to wealth approach	2016	Journal of the Taiwan Institute of Chemical Engineers	62		76	83
Idris A., Chua G.K., Othman M.R.	Incorporating potential environmental impact from water for injection in environmental assessment of monoclonal antibody production	2016	Chemical Engineering Research and Design	109		430	442
Bijarimi M., Ahmad S., Rasid R., Khushairi M.A., Zakir M.	Poly(lactic acid)/Poly(ethylene glycol) blends: Mechanical, thermal and morphological properties	2016	AIP Conference Proceedings	1727			
Hashim F.S., Yusoff H.W., Zahari M.A.K.M., Illias R.M., Rahman R.A.	A Factorial Analysis Study on Enzymatic Hydrolysis of Fiber Pressed Oil Palm Frond for Bioethanol Production	2016	IOP Conference Series: Earth and Environmental Science	32	1		

Che Man R., Fauzi Ismail A., Fatimah Zaharah Mohd Fuzi S., Faisal Ghazali N., Md Illias R.	Effects of culture conditions of immobilized recombinant Escherichia coli on cyclodextrin glucanotransferase (CGTase) excretion and cell stability	2016	Process Biochemistry	51	4	474	483
Mokhtar S.U., Chin S.-T., Kee C.-L., Low M.-Y., Drummer O.H., Marriott P.J.	Rapid determination of sildenafil and its analogues in dietary supplements using gas chromatography-triple quadrupole mass spectrometry	2016	Journal of Pharmaceutical and Biomedical Analysis	121		188	196
Alam A.K.M.M., Beg M.D.H., Yunus R.M., Mina M.F., Maria K.H., Mieno T.	Evolution of functionalized multi-walled carbon nanotubes by dendritic polymer coating and their anti-scavenging behavior during curing process	2016	Materials Letters	167		58	60
Ghazali W.B.M., Aziz I.A.B.A., Idris D.M.N.B.D., Ismail N.B., Sofian A.H.B.	Design and Analysis of Tooth Impact Test Rig for Spur Gear	2016	IOP Conference Series: Materials Science and Engineering	114	1		
Ayodele B.V., Khan M.R., Lam S.S., Cheng C.K.	Production of CO-rich hydrogen from methane dry reforming over lanthania-supported cobalt catalyst: Kinetic and mechanistic studies	2016	International Journal of Hydrogen Energy	41	8	4603	4615
Yusof M.A.M., Seman M.N.A.	Polyamide forward osmosis membrane: Synthesis, characterization and its performance for humic acid removal	2016	Journal of Membrane Science and Research	2	2	90	94
Adam F., Hana A.B.S., Tajuddin S.N., Yusoff M.M.	Solvent role in molecular recognition of patchouli extraction process	2016	Asian Journal of Chemistry	28	6	1253	1257
Ridzuan N., Adam F., Yaacob Z.	Evaluation of the inhibitor selection on wax deposition for Malaysian crude oil	2016	Petroleum Science and Technology	34	4	366	371
Ng K.H., Lee C.H., Khan M.R., Cheng C.K.	Photocatalytic degradation of recalcitrant POME waste by using silver doped titania: Photokinetics and scavenging studies	2016	Chemical Engineering Journal	286		282	290
Islam M.R., Beg M.D.H., Jamari S.S.	Dispersion of montmorillonite nanoclays and their effects on the thermomechanical, structural and drying properties of palm oil based coating	2016	Progress in Organic Coatings	91		17	24

Chin S.Y., Hisyam A., Prasetiawan H.	Modeling and Simulation Study of an Industrial Radial Moving Bed Reactor for Propane Dehydrogenation Process	2016	International Journal of Chemical Reactor Engineering	14	1	33	44
Cheng C.K., Deraman M.R., Ng K.H., Khan M.R.	Preparation of titania doped argentine photocatalyst and its photoactivity towards palm oil mill effluent degradation	2016	Journal of Cleaner Production	112		1128	1135
Ayodele B.V., Khan M.R., Cheng C.K.	Catalytic performance of ceria-supported cobalt catalyst for CO-rich hydrogen production from dry reforming of methane	2016	International Journal of Hydrogen Energy	41	1	198	207
Ridzuan N., Adam F., Yaacob Z.	Screening of factor influencing wax deposition using full factorial experimental design	2016	Petroleum Science and Technology	34	1	84	90
Hamid N.F., Mohd Said F.	Factorial design screening for the red pigment production by <i>Monascus purpureus</i> FTC 5356	2016	Jurnal Teknologi	78	2-Nov	13	17
Abdul Wahid F.R.A., Muslim M.B., Saleh S., Abdul Samad N.A.F.	Integrated gasification and fuel cell framework: Biomass gasification case study	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2673	2680
Hian G.G., Saleh S., Abdul Samad N.A.F.	A generic thermodynamic equilibrium model-based framework for biomass gasification processes	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2222	2229
Islam M.R., Beg M.D.H., Jamari S.S.	Characterization of multiwalled carbon nanotube filled, palm-oil-based polyalkyds: Effects of loading and in situ reaction	2016	Journal of Applied Polymer Science	133	5		
Jeyaratnam N., Nour A.H., Akindoyo J.O.	The potential of microwave assisted hydrodistillation in extraction of essential oil from <i>Cinnamomum Cassia</i> (cinnamon)	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2179	2183
Ramesh R., Thanusha T.K., Yunus M.Y.M., Ramesh K.	Comparative analysis of experimental and numerical investigation on thermophysical properties in hydrocarbon mixtures using Jouyban-Acree model at various temperatures	2016	ARPJ Journal of Engineering and Applied Sciences	11	3	1673	1680

Masoum Raman S.N., Jamari S.S., Abdul Samad N.A.F., Ismail N.A.	Investigation of impregnated commercial rice husks activated carbon with alkanolamine as carbon dioxide (CO ₂) adsorbent	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2167	2173
Ayodele B.V., Khan M.R., Cheng C.K.	Production of CO-rich hydrogen gas from methane dry reforming over Co/CeO ₂ Catalyst	2016	Bulletin of Chemical Reaction Engineering & Catalysis	11	2	210	219
Samad K.A., Zainol N., Mohd Syukri N.S.	Development of soil co-culture system for ferulic acid production	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2253	2257
Abdul Samad N.A.F., Saleh S.	Reducing the effect of input uncertainties using model predictive control for crystallization processes	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2660	2667
Mohd Abdul Alim N.A.S., Sulaiman A.Z., Ajit A.	Application of ultrasound on the extraction of Vitexin from Ficus deltoidea leaves	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2199	2204
Ramesh R., Thanusha T.K., Yunus M.Y.M., Ramesh K.	Experimental and numerical investigation on thermophysical properties of hydrocarbon liquid mixtures using Krishnan-Laddha and Jouyban-Acree Models at various temperatures	2016	ARPJ Journal of Engineering and Applied Sciences	11	3	1638	1646
Akbari S., Nour A.H., Jamari S.S., Fayaz F.	Rheology and stability mechanism of water-in-crude oil emulsions stabilized by Span 83	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2230	2235
Jamil R., Nasir N.N., Ramli H., Isha R., Ismail N.A.	Extraction of essential oil from murraya Koenigii leaves: Potential study for application as natural-based insect repellent	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2248	2252
Jeyaratnam N., Nour A.H., Akindoyo J.O.	Comparative study between hydrodistillation and microwave-assisted hydrodistillation for extraction of cinnamomum cassia oil	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2647	2652
Thanusha T.K., Ramesh R., Noor Asma Fazli A.S., Yunus M.Y.M., Ramesh K.	Measurement and prediction of fuel oxygenates mixtures excess thermophysical properties - A review	2016	ARPJ Journal of Engineering and Applied Sciences	11	4	2639	2646

Rasli N.I., Saufi S.M., Seman M.N.A.	Comparison of chemical and UV photo-grafting modification on polyamide microfiltration membrane for the preparation of membrane chromatography	2016	Asian Journal of Chemistry	28	2	395	398
Md Salehan N.A., Sulaiman A.Z., Ajit A.	Effect of temperature and sonication on the extraction of gallic acid from Labisia Pumila (Kacip Fatimah)	2016	ARPN Journal of Engineering and Applied Sciences	11	4	2193	2198
Amin K.N.M., Amiralian N., Annamalai P.K., Edwards G., Chaleat C., Martin D.J.	Scalable processing of thermoplastic polyurethane nanocomposites toughened with nanocellulose	2016	Chemical Engineering Journal	302		406	416
Shafie N.F.A., Mansor U.Q.A., Yahya A., Som A.M., Nour A.H., Hassan Z., Yunus R.M.	The performance study of ultrasonic-Assisted membrane anaerobic system (UMAS) for chemical oxygen demand (COD) removal efficiency and methane gas production in palm oil mill Effluent (POME) Treatment	2016	IET Conference Publications	2016	CP688		
Ong H.R., Khan M.M.R., Ramli R., Yunus R.M., Rahman M.W.	Glycerolysis of palm oil using copper oxide nanoparticles combined with homogeneous base catalyst	2016	New Journal of Chemistry	40	10	8704	8709
Pourjavaheri F., Jones O.A.H., Mohaddes F., Sherkat F., Gupta A., Shanks R.A.	Green plastics: Utilizing chicken feather keratin in thermoplastic polyurethane composites to enhance thermo-mechanical properties	2016	Annual Technical Conference - ANTEC, Conference Proceedings			398	405
Neoh C.H., Noor Z.Z., Mutamim N.S.A., Lim C.K.	Green technology in wastewater treatment technologies: Integration of membrane bioreactor with various wastewater treatment systems	2016	Chemical Engineering Journal	283		582	594
Mah K.H., Yussof H.W., Seman M.N.A., Mohammad A.W.	Separation of xylose using a thin-film composite nanofiltration membrane: Screening of interfacial polymerization factors	2016	RSC Advances	6	73	69454	69464
Arif N.N.M., Vo D.-V.N., Azizan M.T., Abidin S.Z.	Carbon dioxide dry reforming of glycerol for hydrogen production using Ni/ZrO ₂ and Ni/CaO as catalysts	2016	Bulletin of Chemical Reaction Engineering & Catalysis	11	2	200	209
Abdulbari H.A., Mahammed H.D., Hassan Z., Mahmood W.K.	Wall-pressure fluctuations of modified turbulent boundary layer with riblets	2016	Fluid Dynamics and Materials Processing	12	2	86	101

Abdulbari H.A., Mahammed H.D., Yaacob Z.B., Mahmood W.K.	Wall-pressure fluctuations of modified turbulent boundary layer with riblets	2016	International Journal of Mechanical and Mechatronics Engineering	16	1	23	35
Harun N., Gim bun J., Azizan M.T., Abidin S.Z.	Characterization of Ag-promoted Ni/SiO ₂ catalysts for syngas production via carbon dioxide (CO ₂) dry reforming of glycerol	2016	Bulletin of Chemical Reaction Engineering & Catalysis	11	2	220	229
Sulaiman S.Z., Kasmani R.M., Mustafa A.	Experimental study on flame propagation in a straight pipe	2016	Jurnal Teknologi	78	3-Aug	71	75
Ong H.R., Hegde G., Chigrinov V.G., Khan Md.M.R.	Sulfuric disazo dye stabilized copper nanoparticle composite mixture: synthesis and characterization	2016	RSC Advances	6	18	15094	15100
Islam M.R., Beg M.D.H.	Effects of reinforcing arrangement of kenaf fibres into unsaturated polyester for improved properties	2016	Journal of Mechanical Engineering and Sciences	10	2	2020	2030
Roslan N.A., Hasnan M.H.C., Abdullah N., Abdullah S.B., Abidin S.Z.	A preliminary study: Esterification of free fatty acids (FFA) in artificially modified feedstock using ionic liquids as catalysts	2016	Bulletin of Chemical Reaction Engineering and Catalysis	11	2	182	190
Mei I.L.S., Lock S.S.M., Vo D.- V.N., Abdullah B.	Thermo-catalytic methane decomposition for hydrogen production: Effect of palladium promoter on Ni-based catalysts	2016	Bulletin of Chemical Reaction Engineering and Catalysis	11	2	191	199
Masiran N., Vo D.-V.N., Salam M.A., Abdullah B.	Improvement on Coke Formation of CaO- Ni/Al ₂ O ₃ Catalysts in Ethylene Production via Dehydration of Ethanol	2016	Procedia Engineering	148		1289	1294
Shahirah M.N.N., Ayodele B.V., Gim bun J., Cheng C.K.	Samarium Promoted Ni/Al ₂ O ₃ catalysts for syngas production from glycerol pyrolysis	2016	Bulletin of Chemical Reaction Engineering and Catalysis	11	2	238	244
Akindoyo J.O., Beg M.D.H., Ghazali S., Islam M.R., Jeyaratnam N., Yuvaraj A.R.	Polyurethane types, synthesis and applications-a review	2016	RSC Advances	6	115	114453	114482
Bahari M.B., Goo B.C., Pham T.L.M., Siang T.J., Danh H.T., Ainirazali N., Vo D.-V.N.	Hydrogen-rich Syngas Production from Ethanol Dry Reforming on La-doped Ni/Al ₂ O ₃ Catalysts: Effect of Promoter Loading	2016	Procedia Engineering	148		654	661

Ali M.Y., Rahman M.W., Moniruzzaman M., Alam M.J., Saha I., Halim M.A., Deb A., Sumi M.S.A., Parvin S., Haque M.A., Khan M.M.R., Khan M.	Nypa fruticans as a potential low cost adsorbent to uptake heavy metals from industrial wastewater	2016	International Journal of Applied Business and Economic Research	14	2	1359	1371
Selvarajah K., Phuc N.H.H., Abdullah B., Alenazey F., Vo D.- V.N.	Syngas production from methane dry reforming over Ni/Al ₂ O ₃ catalyst	2016	Research on Chemical Intermediates	42	1	269	288
Omogrebe O., Danh H.T., Abidin S.Z., Setiabudi H.D., Abdullah B., Vu K.B., Vo D.-V.N.	Influence of Lanthanide Promoters on Ni/SBA-15 Catalysts for Syngas Production by Methane Dry Reforming	2016	Procedia Engineering	148		1388	1395
Fayaz F., Danh H.T., Nguyen-Huy C., Vu K.B., Abdullah B., Vo D.- V.N.	Promotional Effect of Ce-dopant on Al ₂ O ₃ - supported Co Catalysts for Syngas Production via CO ₂ Reforming of Ethanol	2016	Procedia Engineering	148		646	653