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Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
Ramli A., Mokhtar M., Aziz B.A.	The development of an initial framework for multi-firm industrial safety management based on cooperative relationship: A Malaysia case study	2014	International Journal of Disaster Risk Reduction	10	PA	349	361
Zain N.M., Stapley A.G.F., Shama G.	Green synthesis of silver and copper nanoparticles using ascorbic acid and chitosan for antimicrobial applications	2014	Carbohydrate Polymers	112		195	202
Lee H.C., Siew K.W., Gim bun J., Cheng C.K.	Synthesis and characterisation of cement clinker-supported nickel catalyst for glycerol dry reforming	2014	Chemical Engineering Journal	255		245	256
Islam M.R., Beg M.D.H., Jamari S.S.	Development of vegetable-oil-based polymers	2014	Journal of Applied Polymer Science	131	18	9016	9028
Beg M.D.H., Mina M.F., Yunus R.M., Moshiul Alam A.K.M.	The use of oil palm biomass (OPB) fibers as reinforcements in composites	2014	Biofiber Reinforcements in Composite Materials			342	382
Abdulbari H.A., Shabirin A., Abdurrahman H.N.	Bio-polymers for improving liquid flow in pipelines-A review and future work opportunities	2014	Journal of Industrial and Engineering Chemistry	20	4	1157	1170
Pang S.F., Yusoff M.M., Gim bun J.	Assessment of phenolic compounds stability and retention during spray drying of Orthosiphon stamineus extracts	2014	Food Hydrocolloids	37		159	165
Siew K.W., Lee H.C., Gim bun J., Cheng C.K.	Production of CO-rich hydrogen gas from glycerol dry reforming over La-promoted Ni/Al ₂ O ₃ catalyst	2014	International Journal of Hydrogen Energy	39	13	6927	6936
Mimi Sakinah A.M., Ismail A.F., Illias R.Md., Zularisam A.W., Hassan O., Matsuura T.	Effect of substrate and enzyme concentration on cyclodextrin production in a hollow fibre membrane reactor system	2014	Separation and Purification Technology	124		61	67
Ong H.R., Khan M.R., Chowdhury M.N.K., Yousuf A., Cheng C.K.	Synthesis and characterization of CuO/C catalyst for the esterification of free fatty acid in rubber seed oil	2014	Fuel	120		195	201

Sazegar M.R., Jalil A.A., Triwahyono S., Mukti R.R., Aziz M., Aziz M.A.A., Setiabudi H.D., Kamarudin N.H.N.	Protonation of Al-grafted mesostructured silica nanoparticles (MSN): Acidity and catalytic activity for cumene conversion	2014	Chemical Engineering Journal	240		352	361
Nasir M., Gupta A., Beg M.D.H., Chua G.K., Kumar A.	Physical and mechanical properties of medium-density fibreboards using soy-lignin adhesives	2014	Journal of Tropical Forest Science	26	1	41	49
Zahari M.A.K.M., Abdullah S.S.S., Roslan A.M., Ariffin H., Shirai Y., Hassan M.A.	Efficient utilization of oil palm frond for bio- based products and biorefinery	2014	Journal of Cleaner Production	65		252	260
Adam F., Siti Hana A.B., Yusoff M.M., Tajuddin S.N.	Molecular dynamic simulation of the patchouli oil extraction process	2014	Journal of Chemical and Engineering Data	59	2	183	188
Mina M.F., Beg M.D.H., Islam M.R., Nizam A., Alam A.K.M.M., Yunus R.M.	Structures and properties of injection- molded biodegradable poly(lactic acid) nanocomposites prepared with untreated and treated multiwalled carbon nanotubes	2014	Polymer Engineering and Science	54	2	317	326
Nasharudin M.N., Kamarudin S.K., Hasran U.A., Masdar M.S.	Mass transfer and performance of membrane-less micro fuel cell: A review	2014	International Journal of Hydrogen Energy	39	2	1039	1055
Islam M.R., Beg M.D.H., Mina M.F.	Fibre surface modifications through different treatments with the help of design expert software for natural fibre-based biocomposites	2014	Journal of Composite Materials	48	15	1887	1899
Mohidin Batcha A.F., Prasad D.M.R., Khan M.R., Abdullah H.	Biosynthesis of poly(3-hydroxybutyrate) (PHB) by <i>Cupriavidus necator</i> H16 from jatropha oil as carbon source	2014	Bioprocess and Biosystems Engineering	37	5	943	951
Rafiqul I.S.M., Sakinah A.M.M.	Production of xylose reductase from adapted <i>Candida tropicalis</i> grown in sawdust hydrolysate	2014	Biocatalysis and Agricultural Biotechnology	3	4	227	235

Ahmad M.A.A., Kamaruzzaman M.R., Chin S.Y.	New method for acrylic acid recovery from industrial waste water via esterification with 2-ethyl hexanol	2014	Process Safety and Environmental Protection	92	6	522	531
Zainol N., Abidin S.Z., Yazid N.A.	Industry involvement in undergraduate research project for chemical engineering (biotechnology) programme	2014	Proceedings - 2014 International Conference on Teaching and Learning in Computing and Engineering, LATICE 2014			196	200
Ali A.A.M., Almatar M., Al-Astal H.I.M., Hawege E.F., Aladdin A.	Production of xylanase enzyme from <i>Aspergillus terreus</i> SUK-1	2014	International Journal of ChemTech Research	6	11	4884	4889
He Y., bin Tuan Chik S.M.S., Chong F.C.	Purification of papain from unclarified papaya juice using reversed phase expanded bed adsorption chromatography (RP-EBAC)	2014	Journal of Industrial and Engineering Chemistry	20	6	4293	4297
Islam M.R., Beg M.D.H., Gupta A.	Characterization of alkali-treated kenaf fibre-reinforced recycled polypropylene composites	2014	Journal of Thermoplastic Composite Materials	27	7	909	932
Ng K.H., Deraman M.R., Ang C.H., Chong S.K., Kong Z.Y., Khan M.R., Cheng C.K.	Phototreatment of palm oil mill effluent (POME) over Cu/TiO ₂ photocatalyst	2014	Bulletin of Chemical Reaction Engineering and Catalysis	9	2	121	127
Ho K.S., Chye J.J.E., Chin S.Y., Cheng C.K.	Erratum: Characterization of Industrial Pt-Sn/Al ₂ O ₃ Catalyst and Transient Product Formations during Propane Dehydrogenation (Bulletin of Chemical Reaction Engineering & Catalysis (2013) 8:1 (77-82))	2014	Bulletin of Chemical Reaction Engineering and Catalysis	9	2	155	
Jemaat Z., Suárez-Ojeda M.E., Pérez J., Carrera J.	Partial nitritation and o-cresol removal with aerobic granular biomass in a continuous airlift reactor	2014	Water Research	48	1	354	362
Mat Desa M.S.Z., Hassan A., Arsad A., Mohammad N.N.B.	Mechanical properties of poly(lactic acid)/multiwalled carbon nanotubes nanocomposites	2014	Materials Research Innovations	18	S6		14-S6-17

Taib M.M., Akbar M.M., Murugesan T.	Physical and excess properties of ternary mixtures of 1-butyl-3- methylimidazolium tetrafluoroborate + monoethanolamine + water at temperature from (303.15 to 353.15) K	2014	Journal of Molecular Liquids	190		23	29
Rafiqul I.S.M., Sakinah A.M.M., Karim M.R.	Production of Xylose from Meranti wood sawdust by dilute acid hydrolysis	2014	Applied Biochemistry and Biotechnology	174	2	542	555
Ganasen P., Khan M.R., Kalam M.A., Mahmud M.S.	Effect of visible light on catalytic hydrolysis of p-nitrophenyl palmitate by the Pseudomonas cepacia lipase immobilized on sol-gel support	2014	Bioprocess and Biosystems Engineering	37	11	2353	2359
Ali A., Yusoh K., Hasany S.F.	Synthesis and physicochemical behaviour of polyurethane-multiwalled carbon nanotubes nanocomposites based on renewable castor oil polyols	2014	Journal of Nanomaterials	2014			
Bijarimi M., Ahmad S., Rasid R.	Melt blends of poly (lactic acid)/natural rubber and liquid epoxidised natural rubber	2014	Journal of Rubber Research	17	2	57	68
Bijarimi M., Ahmad S., Rasid R.	Mechanical, thermal and morphological properties of poly(lactic acid)/epoxidized natural rubber blends	2014	Journal of Elastomers and Plastics	46	4	338	354
Ching K.S., Ching Y.C., Ng C.A., Ishenny N., Beg M.T.H.	Effect of polyurethane/nanosilica composite coating on water resistance of paper substrate	2014	Materials Research Innovations	18		S6	368-S6-371
Jemaat Z., Suárez-Ojeda M.E., Pérez J., Carrera J.	Sequentially alternating pollutant scenarios of phenolic compounds in a continuous aerobic granular sludge reactor performing simultaneous partial nitrification and o-cresol biodegradation	2014	Bioresource Technology	161		354	361
Pang S.F., Yusoff M.M., Gimbut J.	Extraction and microencapsulation of polyphenols from Orthosiphon stamineus leaves	2014	Journal of Mechanical Engineering and Sciences	7	1	1033	1041

Zaman H.U., Khan M.A., Khan R.A., Beg M.D.H.	Effect of nano-CaCO ₃ on the mechanical and crystallization behavior of HDPE/LDPE/nano-CaCO ₃ ternary blend	2014	Journal of Thermoplastic Composite Materials	27	12	1701	1710
Jamaluddin M.F., Zainol N., Abdul-Rahman R., Abdul-Ghaffar N.F., Salihon J.	Comparison of anaerobic lignin degradation of banana stem waste using mixed culture from Malaysian soil and pure strains from SOU, culture	2014	Asian Journal of Microbiology, Biotechnology and Environmental Sciences	16	3	551	560
Abdullah A., Yahaya N., Norhazilan Md.N., Rasol R.M.	Microbial corrosion of API 5L X-70 carbon steel by ATCC 7757 and consortium of sulfate-reducing bacteria	2014	Journal of Chemistry	2014			
Suriati G., Mariatti M., Azizan A.	Synthesis of silver nanoparticles by chemical reduction method: Effect of reducing agent and surfactant concentration	2014	International Journal of Automotive and Mechanical Engineering	10	1	1920	1927
Dewayanto N., Isha R., Nordin M.R.	Use of palm oil decanter cake as a new substrate for the production of bio-oil by vacuum pyrolysis	2014	Energy Conversion and Management	86		226	232
Siew K.W., Lee H.C., Gim bun J., Cheng C.K.	Characterization of La-promoted Ni/Al ₂ O ₃ catalysts for hydrogen production from glycerol dry reforming	2014	Journal of Energy Chemistry	23	1	15	21
Kanthisamy R., Anwaruddin H., Sinnadurai S.K.	A new approach to the identification of distillation column based on Hammerstein model	2014	Modelling and Simulation in Engineering	2014			
Mustafa M.F., Samad N.A.F.A., Ibrahim K.A., Hamid M.K.A.	Methodology development for designing energy efficient distillation column systems	2014	Energy Procedia	61		2550	2553
Kazimi M.R., Shah T., Jamari S.S.B., Ahmed I., Faizal C.K.M.	Sulfonation of low-density polyethylene and its impact on polymer properties	2014	Polymer Engineering and Science	54	11	2522	2530
Lee H.C., Siew K.W., Khan M.R., Chin S.Y., Gim bun J., Cheng C.K.	Catalytic performance of cement clinker supported nickel catalyst in glycerol dry reforming	2014	Journal of Energy Chemistry	23	5	645	656

Ramli A., Mokhtar M., Abdul Aziz B.	Revisiting the concept of development, disaster and safety management: The Quranic perspective	2014	International Journal of Disaster Risk Reduction	9		26	37
Sulaiman S.Z., Kasmani R.M., Kiah M.H.M., Kidam K., Hassim M.H., Ibrahim N., Ali R.R.	The influence of 90 degree bends in closed pipe system on the explosion properties using hydrogen-enriched methane	2014	Chemical Engineering Transactions	36		271	276
Ramli A., Mokhtar M., Aziz B.A., Ngah N.A.	The cooperative approach in managing safety issues for Halal industrial parks in Malaysia: Embracing opportunity	2014	Progress in Industrial Ecology	8	4	295	318
Mamat M.R.Z., Ariffin H., Hassan M.A., Mohd Zahari M.A.K.	Bio-based production of crotonic acid by pyrolysis of poly(3-hydroxybutyrate) inclusions	2014	Journal of Cleaner Production	83		463	472
Naim R., Ismail A.F., Cheer N.B., Abdullah M.S.	Polyvinylidene fluoride and polyetherimide hollow fiber membranes for CO2 stripping in membrane contactor	2014	Chemical Engineering Research and Design	92	7	1391	1398
Arshad Z.I.M., Amid A., Yusof F., Jaswir I., Ahmad K., Loke S.P.	Bromelain: An overview of industrial application and purification strategies	2014	Applied Microbiology and Biotechnology	98	17	7283	7297