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Authors	Title	Year	Journal	Volume	Issue	Page start	Page end
Abdullah H., Khan M.R., Pudukudy M., Yaakob Z., Ismail N.A.	CeO ₂ -TiO ₂ as a visible light active catalyst for the photoreduction of CO ₂ to methanol	2015	Journal of Rare Earths	33	11	1155	1161
Ong H.R., Khan Md.M.R., Ramli R., Rahman M.W., Yunus R.M.	Tailoring base catalyzed synthesis of palm oil based alkyd resin through CuO nanoparticles	2015	RSC Advances	5	116	95894	95902
Cheng C.K., Kong Z.Y., Khan M.R.	Photocatalytic-Fenton Degradation of Glycerol Solution over Visible Light-Responsive CuFe ₂ O ₄	2015	Water, Air, and Soil Pollution	226	10		
Abu R., Woodley J.M.	Application of Enzyme Coupling Reactions to Shift Thermodynamically Limited Biocatalytic Reactions	2015	ChemCatChem	7	19	3094	3105
Ali M.A.M., Cheng C.K., Yunus R.M., Gim bun J.	Optimization of waste cooking oil transesterification in a continuous microwave assisted reactor	2015	Chemical Engineering Transactions	45		1279	1284
Nordin M.Z., Othman M.R., Hamid M.K.A.	Application of sustainable integrated process design and control for four distillation column systems	2015	Chemical Engineering Transactions	45		211	216
Ali M.A.M., Yunus R.M., Cheng C.K., Gim bun J.	Successive optimisation of waste cooking oil transesterification in a continuous microwave assisted reactor	2015	RSC Advances	5	94	76743	76751
Chong F.C., Gwee X.F.	Ultrasonic extraction of anthocyanin from Clitoria ternatea flowers using response surface methodology	2015	Natural Product Research	29	15	1485	1487
Sandanasamy J., Hamid Nour A., Nizam Tajuddin S., Hamid Nour A., Abd Hamid H., Ziad Sulaiman A.	Bioassay Guided Isolation and Identification of a Cytotoxic Compound from Azadirachta indica Leaves	2015	Journal of the Chinese Chemical Society	62	8	680	688

Uddin M.R., Khan M.R., Rahman M.W., Yousuf A., Cheng C.K.	Photocatalytic reduction of CO ₂ into methanol over CuFe ₂ O ₄ /TiO ₂ under visible light irradiation	2015	Reaction Kinetics, Mechanisms and Catalysis	116	2	589	604
Chin S.Y., Ahmad M.A.A., Kamaruzaman M.R., Cheng C.K	Kinetic studies of the esterification of pure and dilute acrylic acid with 2-ethyl hexanol catalysed by Amberlyst 15	2015	Chemical Engineering Science	129		116	125
Man R.C., Ismail A.F., Ghazali N.F., Fuzi S.F.Z.M., Illias R.M.	Effects of the immobilization of recombinant Escherichia coli on cyclodextrin glucanotransferase (CGTase) excretion and cell viability	2015	Biochemical Engineering Journal	98		91	98
Ayodele B.V., Khan M.R., Cheng C.K.	Syngas production from CO ₂ reforming of methane over ceria supported cobalt catalyst: Effects of reactants partial pressure	2015	Journal of Natural Gas Science and Engineering	27	Part 2	1016	1023
Shahirah M.N.N., Gim bun J., Pang S.F., Zakria R.M., Cheng C.K., Chua G.K., Asras M.F.F.	Influence of nutrient addition on the bioethanol yield from oil palm trunk sap fermented by Saccharomyces cerevisiae	2015	Journal of Industrial and Engineering Chemistry	23		213	217
Siew K.W., Lee H.C., Gim bun J., Chin S.Y., Khan M.R., Taufiq-Yap Y.H., Cheng C.K.	Syngas production from glycerol-dry(CO ₂) reforming over La-promoted Ni/Al ₂ O ₃ catalyst	2015	Renewable Energy	74		441	447
Akindoyo J.O., Beg M.D.H., Ghazali S., Islam M.R.	Effects of poly(dimethyl siloxane) on the water absorption and natural degradation of poly(lactic acid)/oil-palm empty-fruit-bunch fiber biocomposites	2015	Journal of Applied Polymer Science	132	45		
Ridzuan N., Adam F., Yaacob Z.	Effects of shear rate and inhibitors on wax deposition of Malaysian crude oil	2015	Oriental Journal of Chemistry	31	4	1999	2004
Ramli N.H., Ibrahim N.A., Chik N., Yasin N.H.M.	Investigation of antimicrobial activity and phytochemical analysis of thorns of Ceiba petandra plant	2015	Journal of Pure and Applied Microbiology	9	Special Edition 2	519	524

Abdulbari H.A., Ming F.L.W.	Drag reduction properties of Nanofluids in microchannels	2015	Journal of Engineering Research	12	2	60	67
Ayodele B.V., Cheng C.K.	Modelling and optimization of syngas production from methane dry reforming over ceria-supported cobalt catalyst using artificial neural networks and Box-Behnken design	2015	Journal of Industrial and Engineering Chemistry	32		246	258
Cheng C.K., Rizauddin Derahman M., Khan M.R.	Evaluation of the photocatalytic degradation of pre-treated palm oil mill effluent (POME) over Pt-loaded titania	2015	Journal of Environmental Chemical Engineering	3	1	261	270
Basheer E., Bari H., Chin C.F., Nudra S.	A novel electrochemical biosensor design and fabrication	2015	Journal of Pure and Applied Microbiology	9	Special Edition 2	525	532
Law W.P., Gimbun J.	Influence of nozzle design on the performance of a partial combustion lance: A CFD study	2015	Chemical Engineering Research and Design	104		558	570
Ong H.R., Khan M.R., Yousuf A., Jeyaratnam N., Prasad D.M.R.	Effect of waste rubber powder as filler for plywood application	2015	Polish Journal of Chemical Technology	17	1	41	47
Alaa M.A., Yusoh K., Hasany S.F.	Pure polyurethane and castor oil based polyurethane: Synthesis and characterization	2015	Journal of Mechanical Engineering and Sciences	8		1507	1515
Rafiqul I.S.M., Sakinah A.M.M., Zularisam A.W.	Evaluation of sawdust hemicellulosic hydrolysate for bioproduction of xylitol by enzyme xylose reductase	2015	Food and Bioproducts Processing	94		82	89
Ong H.R., Rahman Khan M.M., Yousuf A., Hussain N.A., Cheng C.K.	Synthesis and characterization of a CaFe ₂ O ₄ catalyst for oleic acid esterification	2015	RSC Advances	5	121	100362	100368
Ong H.R., Khan M.M.R., Ramli R., Du Y., Xi S., Yunus R.M.	Facile synthesis of copper nanoparticles in glycerol at room temperature: Formation mechanism	2015	RSC Advances	5	31	24544	24549

Gimbun J., Muhammad N.I.S., Law W.P.	Unsteady RANS and detached eddy simulation of the multiphase flow in a co-current spray drying	2015	Chinese Journal of Chemical Engineering	23	9	1421	1428
Zaid R.M., Chong F.C., Teo E.Y.L., Ng E.-P., Chong K.F.	Reduction of graphene oxide nanosheets by natural beta carotene and its potential use as supercapacitor electrode	2015	Arabian Journal of Chemistry	8	4	560	569
Ng K.H., Cheng C.K.	A novel photomineralization of POME over UV-responsive TiO ₂ photocatalyst: kinetics of POME degradation and gaseous product formations	2015	RSC Advances	5	65	53100	53110
Ismail M., Noor N.M., Yahaya N., Bakar A.A., Ali M.K.F.M., Abdullah A.	Statistical investigation on anaerobic sulphate-reducing bacteria growth by turbidity method	2015	International Journal of Biological Chemistry	9	4	178	187
Nasir M., Sulaiman O., Hashim R., Hossain K., Gupta A., Asim M.	Rubberwood fiber treatment by laccase enzyme and its application in medium density fiberboard	2015	Journal of Pure and Applied Microbiology	9	3	2095	2100
Farid N.F.S.M., Ariffin H., Mamat M.R.Z., Mohd Zahari M.A.K., Hassan M.A.	Non-solvent-based pretreatment of poly(3-hydroxybutyrate) for improved bio-based crotonic acid production	2015	RSC Advances	5	42	33546	33553
Mokhtar S.U., Chin S.- T., Vijayaraghavan R., MacFarlane D.R., Drummer O.H., Marriott P.J.	Direct ionic liquid extractant injection for volatile chemical analysis – A gas chromatography sampling technique†	2015	Green Chemistry	17	1	573	581
Mohd Amin K.N., Annamalai P.K., Morrow I.C., Martin D.	Production of cellulose nanocrystals via a scalable mechanical method	2015	RSC Advances	5	70	57133	57140

Baranitharan E., Khan M.R., Prasad D.M.R., Teo W.F.A., Tan G.Y.A., Jose R.	Effect of biofilm formation on the performance of microbial fuel cell for the treatment of palm oil mill effluent	2015	Bioprocess and Biosystems Engineering	38	1	15	24
Rani S.I., Aziz B.A., Gim bun J.	Analysis of dust distribution in silo during axial filling using computational fluid dynamics: Assessment on dust explosion likelihood	2015	Process Safety and Environmental Protection	96		14	21
Siew K.W., Lee H.C., Khan M.R., Gim bun J., Cheng C.K.	CO ₂ reforming of glycerol over La-Ni/Al ₂ O ₃ catalyst: A longevity evaluative study	2015	Journal of Energy Chemistry	24	3	366	373
Zahari M.A.K.M., Ariffin H., Mokhtar M.N., Salihon J., Shirai Y., Hassan M.A.	Case study for a palm biomass biorefinery utilizing renewable non-food sugars from oil palm frond for the production of poly(3-hydroxybutyrate) bioplastic	2015	Journal of Cleaner Production	87	C	284	290