

# Lukman bin Ismail

## List of Publications by Year in descending order

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44  
papers

827  
citations

758635

12  
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713013

21  
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44  
docs citations

44  
times ranked

891  
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental investigation on the dissociation conditions of methane hydrate in the presence of imidazolium-based ionic liquids. <i>Journal of Chemical Thermodynamics</i> , 2015, 84, 7-13.	1.0	118
2	Static adsorption of anionic surfactant onto crushed Berea sandstone. <i>Journal of Petroleum Exploration and Production</i> , 2013, 3, 195-201.	1.2	106
3	Geopolymerization kinetics of fly ash based geopolymers using JMAK model. <i>Ceramics International</i> , 2016, 42, 15575-15584.	2.3	57
4	Modelling the release of nitrogen from controlled release fertiliser: Constant and decay release. <i>Biosystems Engineering</i> , 2015, 130, 34-42.	1.9	55
5	Comparison of Using NaOH and KOH Activated Fly Ash-Based Geopolymer on the Mechanical Properties. <i>Materials Science Forum</i> , 0, 803, 179-184.	0.3	53
6	Mean induction time and isothermal kinetic analysis of methane hydrate formation in water and imidazolium based ionic liquid solutions. <i>Journal of Chemical Thermodynamics</i> , 2018, 117, 147-154.	1.0	49
7	On the effect of wax content on paraffin wax deposition in a batch oscillatory baffled tube apparatus. <i>Chemical Engineering Journal</i> , 2008, 137, 205-213.	6.6	40
8	Influence of PZC (Point of Zero Charge) on the Static Adsorption of Anionic Surfactants on a Malaysian Sandstone. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 343-349.	1.3	37
9	Study of 1-(2-Hydroxyethyl) 3-methylimidazolium Halide as Thermodynamic Inhibitors. <i>Applied Mechanics and Materials</i> , 0, 625, 337-340.	0.2	33
10	Kinetics and Equilibria of Synthesized Anionic Surfactant onto Berea Sandstone. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 223-230.	1.3	32
11	A Study on Torrefaction of Oil Palm Biomass. <i>Journal of Applied Sciences</i> , 2012, 12, 1130-1135.	0.1	30
12	Oleate Ester-Derived Nonionic Surfactants: Synthesis and Cloud Point Behavior Studies. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 322-328.	1.3	26
13	Novel Surfactant for the Reduction of CO <sub>2</sub> /Brine Interfacial Tension. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 463-470.	1.3	22
14	Synthesis of a New CO <sub>2</sub> -Philic Surfactant for Enhanced Oil Recovery Applications. <i>Journal of Dispersion Science and Technology</i> , 2014, 35, 647-654.	1.3	22
15	Effect of Solid to Liquid Ratio on the Mechanical and Physical Properties of Fly Ash Geopolymer without Sodium Silicate. <i>Applied Mechanics and Materials</i> , 0, 625, 46-49.	0.2	21
16	Effect of Solid/Liquid Ratio during Curing Time Fly Ash Based Geopolymer on Mechanical Property. <i>Materials Science Forum</i> , 0, 803, 120-124.	0.3	15
17	Measurement and correlation of physical properties of aqueous solutions of tetrabutylammonium hydroxide, piperazine and their aqueous blends. <i>Chinese Journal of Chemical Engineering</i> , 2015, 23, 1811-1818.	1.7	13
18	The Effect of Si/Al Ratio and Sodium Silicate on the Mechanical Properties of Fly Ash Based Geopolymer for Coating. <i>Materials Science Forum</i> , 0, 803, 355-361.	0.3	12

#	ARTICLE	IF	CITATIONS
19	Solubility of CO <sub>2</sub> in an Aqueous Ammonium Based Ionic Liquid. Applied Mechanics and Materials, 0, 625, 549-552.	0.2	11
20	Suitability of Malaysian Fly Ash for Geopolymer Synthesis. Advanced Materials Research, 0, 1133, 201-205.	0.3	9
21	The Impact of the Composition of the Crude Oils on the Wax Crystallization. Applied Mechanics and Materials, 0, 625, 196-200.	0.2	6
22	The Effect of Aeration Rate on the Growth of <i>Scenedesmus quadricauda</i> in Column Photobioreactor. Nihon Enerugi Gakkaiishi/Journal of the Japan Institute of Energy, 2015, 94, 177-180.	0.2	6
23	Study the Release of Urea from <i>Agrium</i> Coated Urea Using UV-Vis Spectrometer. Applied Mechanics and Materials, 0, 625, 745-748.	0.2	5
24	The Effect of KOH Concentration on Setting Time and Compressive Strength of Fly Ash-Based Geopolymer. Applied Mechanics and Materials, 0, 625, 94-97.	0.2	5
25	Solubility Parameters Based on Refractive Index Data of Ionic Liquid. Advanced Materials Research, 2014, 917, 45-55.	0.3	5
26	The Effect of Air Injection Rate and Medium Nitrogen Concentration on Cell Biomass and Lipid Content of <i>Scenedesmus Quadricauda</i> in Flat Plate Photobioreactor. Procedia Engineering, 2016, 148, 538-545.	1.2	5
27	Application of the Avrami Theory for Wax Crystallisation of Synthetic Crude Oil. International Journal of Engineering, Transactions A: Basics, 2019, 32, .	0.5	5
28	Hydrate Equilibrium Measurement of Single CO <sub>2</sub> and CH <sub>4</sub> Hydrates Using Micro DSC. Journal of Applied Sciences, 2014, 14, 3364-3368.	0.1	4
29	Application of Taguchi Method for Optimization of Polyol Ester Production by Esterification of Neopentyl Glycol with Hexanoic Acid. Asian Journal of Chemistry, 2013, 25, 8256-8260.	0.1	3
30	Kinetics of Geopolymer Solidification Study Using Texture Analyzer. Materials Science Forum, 0, 803, 75-80.	0.3	3
31	Chemical Pretreatment Comparison for Oil Palm Empty Fruit Bunch: A Review. Applied Mechanics and Materials, 0, 625, 851-855.	0.2	3
32	Mechanical Activation of Fly Ash by High Energy Planetary Ball Mill and the Effects on Physical and Morphology Properties. Applied Mechanics and Materials, 0, 625, 38-41.	0.2	3
33	On the characterisation of wax deposition in an oscillatory baffled device. Journal of Chemical Technology and Biotechnology, 2006, 81, 1905-1914.	1.6	2
34	In-situ transesterification of <i>Jatropha curcas</i> seeds using the mixture of methanol and isopropanol. , 2011, , .		2
35	Removal of Methylene Blue from Aqueous Solution by Ionic Liquid. Applied Mechanics and Materials, 0, 625, 241-244.	0.2	2
36	Effect of NaOH Concentration on the Strength of Non Sodium Silicate Fly Ash Geopolymer. Applied Mechanics and Materials, 0, 625, 102-105.	0.2	2

#	ARTICLE	IF	CITATIONS
37	Effect of NaOH and Water Contents on Solidification of Sodium Silicate Free Geopolymer. Applied Mechanics and Materials, 0, 625, 3-6.	0.2	2
38	Reaction Kinetics of <i>In Situ</i> Methanolysis of <i>Jatropha curcas</i> Seeds. Applied Mechanics and Materials, 0, 625, 306-310.	0.2	1
39	Modeling the Release of Urea from Coated Urea: The Constant Release Stage. Advanced Materials Research, 0, 970, 166-171.	0.3	1
40	<i>In Situ</i> Methanolysis of <i>Jatropha curcas</i> Seeds in Soxhlet Extractor. Advanced Materials Research, 2014, 917, 72-79.	0.3	1
41	Blood volume dependence of meat permittivity using dielectric mixing rules. , 2011, , .		0
42	Experimental Study of Geopolymer Solidification Kinetics. Applied Mechanics and Materials, 0, 625, 127-130.	0.2	0
43	Quantification of geopolymers production by chemical methods- A short review. AIP Conference Proceedings, 2015, , .	0.3	0
44	On the Effects of Cold Temperatures and Solute Concentrations on the Solidification of Gelatine. IOP Conference Series: Earth and Environmental Science, 0, 596, 012080.	0.2	0