

Muhammad Rashid Shamsuddin

List of Publications by Year in descending order

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39
papers

1,178
citations

516561

16
h-index

395590

33
g-index

39
all docs

39
docs citations

39
times ranked

1224
citing authors

#	ARTICLE	IF	CITATIONS
1	A review on geopolymers as emerging materials for the adsorption of heavy metals and dyes. Journal of Environmental Management, 2018, 224, 327-339.	3.8	301
2	A review on recent developments in the adsorption of surfactants from wastewater. Journal of Environmental Management, 2020, 254, 109797.	3.8	169
3	A review on the waste biomass derived catalysts for biodiesel production. Environmental Technology and Innovation, 2021, 21, 101200.	3.0	98
4	Fly ash based geopolymer for the adsorption of anionic surfactant from aqueous solution. Journal of Cleaner Production, 2019, 229, 232-243.	4.6	91
5	Comparative Performances of Microalgal-Bacterial Co-Cultivation to Bioremediate Synthetic and Municipal Wastewaters Whilst Producing Biodiesel Sustainably. Processes, 2020, 8, 1427.	1.3	42
6	Microwave-assisted methyl esters synthesis of Kapok (Ceiba pentandra) seed oil: parametric and optimization study. Biofuel Research Journal, 2015, 2, 281-287.	7.2	42
7	Development of lignin based heterogeneous solid acid catalyst derived from sugarcane bagasse for microwave assisted-transesterification of waste cooking oil. Biomass and Bioenergy, 2021, 146, 105978.	2.9	33
8	Producing hydrocarbon fuel from the plastic waste: Techno-economic analysis. Korean Journal of Chemical Engineering, 2021, 38, 2208-2216.	1.2	33
9	Formulation and characterization of acetate based ionic liquid in oil microemulsion as a carrier for acyclovir and methotrexate. Separation and Purification Technology, 2018, 196, 149-156.	3.9	31
10	Optimization of synthesis of geopolymer adsorbent for the effective removal of anionic surfactant from aqueous solution. Journal of Environmental Chemical Engineering, 2021, 9, 104949.	3.3	31
11	Evaluation of Allicin as Soil Urease Inhibitor. Procedia Engineering, 2017, 184, 449-459.	1.2	27
12	Evaluation of properties of sulfur-based polymers obtained by inverse vulcanization: Techniques and challenges. Polymers and Polymer Composites, 2021, 29, 1333-1352.	1.0	26
13	Waste sugarcane bagasse-derived nanocatalyst for microwave-assisted transesterification: Thermal, kinetic and optimization study. Biofuels, Bioproducts and Biorefining, 2022, 16, 122-141.	1.9	23
14	Adsorption Kinetics, Isotherms, and Thermodynamics of Removal of Anionic Surfactant from Aqueous Solution Using Fly Ash. Water, Air, and Soil Pollution, 2020, 231, 1.	1.1	19
15	Mixed Composting of Palm Oil Empty Fruit Bunch (EFB) and Palm Oil Mill Effluent (POME) with Various Organics: An Analysis on Final Macronutrient Content and Physical Properties. Waste and Biomass Valorization, 2020, 11, 5539-5548.	1.8	19
16	Optimization of synthesis of inverse vulcanized copolymers from rubber seed oil using response surface methodology. Polymer, 2021, 219, 123553.	1.8	18
17	Producing protein intercalated bentonite " Equilibrium, kinetics and physical properties of gelatin-bentonite system. Applied Clay Science, 2014, 87, 52-60.	2.6	17
18	A review on treatment processes of chicken manure. , 2022, 2, 100013.		17

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19	Release kinetics study and anti-corrosion behaviour of a pH-responsive ionic liquid-loaded halloysite nanotube-doped epoxy coating. <i>RSC Advances</i> , 2020, 10, 13174-13184.	1.7	16
20	Fly ash based geopolymer for the adsorption of cationic and nonionic surfactants from aqueous solution – A feasibility study. <i>Materials Letters</i> , 2021, 283, 128758.	1.3	16
21	Sulfur enriched slow-release coated urea produced from inverse vulcanized copolymer. <i>Science of the Total Environment</i> , 2022, 846, 157417.	3.9	16
22	A Degradable Inverse Vulcanized Copolymer as a Coating Material for Urea Produced under Optimized Conditions. <i>Polymers</i> , 2021, 13, 4040.	2.0	15
23	Synthesis and Characterization of Sustainable Inverse Vulcanized Copolymers from Non-Edible Oil. <i>ChemistrySelect</i> , 2021, 6, 1180-1190.	0.7	14
24	Determination of Excess Sodium Hydroxide in Geopolymer by Volumetric Analysis. <i>Procedia Engineering</i> , 2016, 148, 298-301.	1.2	10
25	Enhancing biogas production in anaerobic co-digestion of fresh chicken manure with corn stover at laboratory scale. <i>SN Applied Sciences</i> , 2020, 2, 1.	1.5	7
26	Effect of pore forming agents on geopolymer porosity and mechanical properties. <i>AIP Conference Proceedings</i> , 2018, , .	0.3	6
27	Degradable Slow-Release Fertilizer Composite Prepared by Ex Situ Mixing of Inverse Vulcanized Copolymer with Urea. <i>Agronomy</i> , 2022, 12, 65.	1.3	6
28	Settling of Bentonite Particles in Gelatin Solutions for Stickwater Treatment. <i>Procedia Engineering</i> , 2016, 148, 194-200.	1.2	4
29	A comparative study of dynamic adsorption of anionic synthetic and nanocellulose-based surfactant in Malaysian reservoir. <i>Journal of Petroleum Exploration and Production</i> , 2020, 10, 311-318.	1.2	4
30	Catalytic Pyrolysis of Municipal Solid Waste: Effects of Pyrolysis Parameters. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2021, 16, 342-352.	0.5	4
31	The use of Bis(3-triethoxysilylpropyl) tetrasulphane for surface modification of silica, ferrite and kenaf fiber filled natural rubber composites; comparison of aqueous solvent deposition, dry blend and integral blend methods. <i>Journal of Applied Polymer Science</i> , 2021, 138, 50905.	1.3	4
32	Co-anaerobic digestion of chicken manure with the addition of <i>Cymbopogon citratus</i> , <i>Mentha piperita</i> and <i>Citrus sinensis</i> as fly deterrent agents: Biogas production and Kinetic study. <i>Bioresource Technology Reports</i> , 2021, 15, 100748.	1.5	4
33	Palm Oil Industry Processes, By-Product Treatment and Value Addition. <i>Advances in Science, Technology and Innovation</i> , 2021, , 121-143.	0.2	3
34	Fatty acid distillate as an alternative boiler fuel. <i>Energy Reports</i> , 2021, 7, 8688-8698.	2.5	3
35	Humic acid batteries derived from vermicomposts at different C/N ratios. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017, 206, 012067.	0.3	2
36	Removal of anionic surfactant sodium dodecylbenzenesulfonate from water using fly ash adsorbent. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 458, 012043.	0.3	2

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37	Short-Chain Polyglycerol Production via Microwave-Assisted Solventless Glycerol Polymerization Process Over Lion-Modified Aluminium Pillared Clay Catalyst: Parametric Study. Processes, 2020, 8, 1093.	1.3	2
38	Economic analysis of waste minimisation and energy recovery from spent bleaching earth. Cleaner Engineering and Technology, 2022, 7, 100418.	2.1	2
39	Performance of allicin coated with palm stearin on hydrolyzation of urea applied on soil. Journal of Plant Nutrition, 2021, 44, 1446-1457.	0.9	1