

Nurul Ekmi Rabat

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

771
citations

1040056

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794594

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23
all docs

23
docs citations

23
times ranked

1000
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of <i>Elaeis guineensis</i> /polyvinyl alcohol/carbon nanotube composites for efficient adsorption of dye: Experimental and theoretical approach. <i>International Journal of Environmental Science and Technology</i> , 2022, 19, 6499-6520.	3.5	6
2	Synthesis and characterization of TiO ₂ -based nanostructures via fluorine-free solvothermal method for enhancing visible light photocatalytic activity: Experimental and theoretical approach. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2021, 404, 112834.	3.9	13
3	Development of Photo-Fenton oxidation as green strategy for phenol degradation enhancement via DMF-controlled TiO ₂ nanotubes under various oxidizing agents. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 104933.	6.7	13
4	Enhancement of adsorption and photocatalytic activities of alkaline-based TiO ₂ nanotubes for experimental and theoretical investigation under FeCl ₃ and H ₂ O ₂ . <i>Journal of Water Process Engineering</i> , 2021, 39, 101715.	5.6	10
5	Self-healing epoxy coating synthesis by embedment of metal 2-methyl imidazole and acetylacetonate complexes with microcapsules. <i>Chemosphere</i> , 2021, 285, 131492.	8.2	6
6	A review on recent developments in the adsorption of surfactants from wastewater. <i>Journal of Environmental Management</i> , 2020, 254, 109797.	7.8	169
7	Photocatalytic degradation and adsorption of phenol by solvent-controlled TiO ₂ nanosheets assisted with H ₂ O ₂ and FeCl ₃ : Kinetic, isotherm and thermodynamic analysis. <i>Journal of Molecular Liquids</i> , 2020, 308, 112941.	4.9	31
8	Efficient Removal of Pb(II) from Aqueous Solutions by Using Oil Palm Bio-Waste/MWCNTs Reinforced PVA Hydrogel Composites: Kinetic, Isotherm and Thermodynamic Modeling. <i>Polymers</i> , 2020, 12, 430.	4.5	51
9	Hydrophilic comonomer impact on poly(vinyl alcohol-co-methyl methacrylate) based hydrogel coating. <i>Materials Today: Proceedings</i> , 2020, 31, 54-59.	1.8	2
10	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.	3.6	16
11	Fly ash based geopolymer for the adsorption of anionic surfactant from aqueous solution. <i>Journal of Cleaner Production</i> , 2019, 229, 232-243.	9.3	91
12	Grindability and abrasive behavior of coal blends: analysis and prediction. <i>International Journal of Coal Preparation and Utilization</i> , 2019, , 1-27.	2.1	1
13	Removal of anionic surfactant sodium dodecylbenzenesulfonate from water using fly ash adsorbent. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 458, 012043.	0.6	2
14	Effects of Na: Al and water: solid ratios on the mechanical properties of fly ash based geopolymer. <i>IOP Conference Series: Materials Science and Engineering</i> , 2018, 458, 012011.	0.6	1
15	One pot biodiesel production from wet <i>Chlorella vulgaris</i> using supercritical methanol with oxide catalysts. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	0
16	A review on geopolymers as emerging materials for the adsorption of heavy metals and dyes. <i>Journal of Environmental Management</i> , 2018, 224, 327-339.	7.8	301
17	Synthesis and characterization of oil palm empty fruit bunch-grafted-polyvinyl alcohol (OPEFB-g-PVA) hydrogel for removal of copper ions from aqueous solution. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	3
18	Instilling the 4Cs of 21 st century skills through integrated project via Cooperative Problem Based Learning (CPBL) for chemical engineering students. , 2017, , .		9

#	ARTICLE	IF	CITATIONS
19	The Impact of Student Centred Learning Towards Reinforcement of positive Values Among Chemical Engineering Students. , 2017, , .		1
20	Effect of Different Monomers on Water Retention Properties of Slow Release Fertilizer Hydrogel. Procedia Engineering, 2016, 148, 201-207.	1.2	40
21	Water Absorbency Properties of OPEFB Filled Hydrogels Composites. Advanced Materials Research, 2014, 980, 18-22.	0.3	2
22	Effect of Oil Palm Empty Fruit Bunch<i>-Grafted-</i>Poly(Acrylic Acid-c<i>o</i>-Acrylamide) Hydrogel Preparations on Plant Growth Performance. Key Engineering Materials, 2013, 594-595, 236-239.	0.4	1