

Umi Md Ali

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

329
citations

1307594

7
h-index

1125743

13
g-index

15
all docs

15
docs citations

15
times ranked

476
citing authors

#	ARTICLE	IF	CITATIONS
1	Hydrogen donor solvents in liquefaction of biomass: A review. <i>Renewable and Sustainable Energy Reviews</i> , 2018, 81, 1259-1268.	16.4	144
2	Characterization of Bio-Oil From Palm Kernel Shell Pyrolysis. <i>Journal of Mechanical Engineering and Sciences</i> , 2014, 7, 1134-1140.	0.6	34
3	Transforming Plastic Waste into Porous Carbon for Capturing Carbon Dioxide: A Review. <i>Energies</i> , 2021, 14, 8421.	3.1	33
4	Catalytic Dehydrogenation of Methylcyclohexane (MCH) to Toluene in a Palladium/Alumina Hollow Fibre Membrane Reactor. <i>Procedia Engineering</i> , 2013, 53, 71-80.	1.2	27
5	Compilation of liquefaction and pyrolysis method used for bio-oil production from various biomass: A review. <i>Environmental Engineering Research</i> , 2020, 25, 18-28.	2.5	20
6	Optimization study on preparation of amine functionalized sea mango (<i>Cerbera odollam</i>) activated carbon for Carbon Dioxide (CO ₂) adsorption. <i>Combustion Science and Technology</i> , 2018, 190, 1259-1282.	2.3	13
7	Preparation of activated carbon using sea mango (<i>Cerbera odollam</i>) with microwave-assisted technique for the removal of methyl orange from textile wastewater. <i>Desalination and Water Treatment</i> , 2016, 57, 29143-29152.	1.0	12
8	Non-Enzymatic Glucose Sensors Involving Copper: An Electrochemical Perspective. <i>Critical Reviews in Analytical Chemistry</i> , 0, , 1-57.	3.5	10
9	Effect of Dolomite on Pyrolysis of Rice Straw. <i>Advanced Materials Research</i> , 0, 795, 170-173.	0.3	9
10	Advancement in recycling waste tire activated carbon to potential adsorbents. <i>Environmental Engineering Research</i> , 2022, 27, 210452-0.	2.5	8
11	Carbon-supported CuO Catalyst Prepared from Oil Palm Empty Fruit Bunch (EFB) for Low-temperature No Removal. <i>Procedia Engineering</i> , 2016, 148, 823-829.	1.2	7
12	Influence of Operating Parameters on Biomass Conversion under Sub- and Supercritical Water Conditions. <i>Chemical Engineering and Technology</i> , 2017, 40, 537-545.	1.5	5
13	Performance Evaluation of Okra (<i>Abelmoschus esculentus</i>) as Coagulant for Turbidity Removal in Water Treatment. <i>Key Engineering Materials</i> , 2013, 594-595, 226-230.	0.4	3
14	Optimization of a Cu-O-Based Sensor for the Detection of Glucose Using a Central Composite Design. <i>IEEE Sensors Journal</i> , 2020, 20, 12109-12116.	4.7	3
15	Physicochemical Properties of Pyrolytic Carbon Black from Waste Tyres. <i>Key Engineering Materials</i> , 2013, 594-595, 178-182.	0.4	1