

Muhammad Mufti Azis

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

160
citations

1478505

6
h-index

1199594

12
g-index

13
all docs

13
docs citations

13
times ranked

167
citing authors

#	ARTICLE	IF	CITATIONS
1	Formation of the heavy tar during bio-oil pyrolysis: A study based on Fourier transform ion cyclotron resonance mass spectrometry. <i>Fuel</i> , 2019, 239, 108-116.	6.4	42
2	On the role of H ₂ to modify surface NO _x species over Ag ₂ O ₃ as lean NO _x reduction catalyst: TPD and DRIFTS studies. <i>Catalysis Science and Technology</i> , 2015, 5, 296-309.	4.1	32
3	Multi-distribution activation energy model on slow pyrolysis of cellulose and lignin in TGA/DSC. <i>Heliyon</i> , 2021, 7, e07669.	3.2	32
4	Roles of furfural during the thermal treatment of bio-oil at low temperatures. <i>Journal of Energy Chemistry</i> , 2020, 50, 85-95.	12.9	24
5	Microkinetic modeling of H ₂ -assisted NO oxidation over Ag ₂ O ₃ . <i>Chemical Engineering Journal</i> , 2013, 221, 382-397.	12.7	10
6	A Techno-Economic Evaluation of Municipal Solid Waste (MSW) Conversion to Energy in Indonesia. <i>Sustainability</i> , 2021, 13, 7232.	3.2	6
7	Isomerization of turpentine using various heterogeneous and homogeneous acid catalysts. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	3
8	The Impact of Hydraulic Retention Time on the Biomethane Production from Palm Oil Mill Effluent (POME) in Two-Stage Anaerobic Fluidized Bed Reactor. <i>International Journal of Renewable Energy Development</i> , 2021, 10, 11-16.	2.4	3
9	Kinetic Study of Levulinic Acid from <i>Spirulina platensis</i> Residue. <i>Applied Biochemistry and Biotechnology</i> , 2022, , 1.	2.9	3
10	Microwave-Assisted Urea-Based-Hydrootropic Pretreatment of Rice Straw: Experimental Data and Mechanistic Kinetic Models. <i>ACS Omega</i> , 2021, 6, 13225-13239.	3.5	2
11	Synthesis of cineole from raw turpentine. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	1
12	A Simulation of Enhanced Oil Recovery of Surfactant Flooding Using Sodium Lignosulfonate by CMG-STARS. , 2019, , .		1
13	Experimental and Kinetic Modeling of Galactose Valorization to Levulinic Acid. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2022, 17, 451-465.	1.1	1