

Muslikhin Hidayat

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

183
citations

1307594

7
h-index

1125743

13
g-index

20
all docs

20
docs citations

20
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Kinetics of sequential reaction of hydrolysis and sugar degradation of rice husk in ethanol production: Effect of catalyst concentration. <i>Bioresource Technology</i> , 2011, 102, 2062-2067.	9.6	40
2	Some aspects on gas-solid flow in a U-bend: Numerical investigation. <i>Powder Technology</i> , 2005, 153, 1-13.	4.2	38
3	Particle modelling in biomass combustion using orthogonal collocation. <i>Applied Energy</i> , 2019, 255, 113868.	10.1	16
4	A computational investigation of non-isothermal gas-solid flow in a U-bend. <i>Powder Technology</i> , 2007, 175, 104-114.	4.2	11
5	Sulfuric acid hydrolysis of various lignocellulosic materials and its mixture in ethanol production. <i>Biofuels</i> , 2015, 6, 331-340.	2.4	11
6	Decreasing COD in Sugarcane Vinasse Using the Fenton Reaction: The Effect of Processing Parameters. <i>Catalysts</i> , 2019, 9, 881.	3.5	11
7	Steam Reforming of Tar Using Low-Grade Iron Ore for Hydrogen Production. <i>Energy & Fuels</i> , 2019, 33, 1296-1301.	5.1	10
8	Particulate Matter Reduction in Residual Biomass Combustion. <i>Energies</i> , 2021, 14, 3341.	3.1	8
9	Tar Decomposition over a Porous Iron Ore Catalyst: Experiment and Kinetic Analysis. <i>Energy & Fuels</i> , 2018, 32, 7046-7053.	5.1	6
10	A Mechanistic Model of Mass Transfer in the Extraction of Bioactive Compounds from Intact Sorghum Pericarp. <i>Processes</i> , 2019, 7, 837.	2.8	6
11	Reduction Reactivity of Low Grade Iron Ore-Biomass Pellets for a Sustainable Ironmaking Process. <i>Energies</i> , 2022, 15, 137.	3.1	6
12	Reaction Kinetics of Levulinic Acid Synthesis from Glucose Using Bronsted Acid Catalyst. <i>Bulletin of Chemical Reaction Engineering and Catalysis</i> , 2021, 16, 904-915.	1.1	5
13	Facile route of synthesis of silver nanoparticles templated bacterial cellulose, characterization, and its antibacterial application. <i>Green Processing and Synthesis</i> , 2022, 11, 361-372.	3.4	4
14	Inhibitory kinetics study of limonene and eugenol towards mixed culture of dark fermentative biohydrogen production. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
15	Preparation of supercritical fluid extraction using dry ice and exploration of equation of state to predict the operating conditions. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	2
16	Design of supercritical fluid extractor using dry ice as a supercritical solvent. <i>AIP Conference Proceedings</i> , 2019, , .	0.4	2
17	Investigation into Biomass Tar-Based Carbon Deposits as Reduction Agents on Iron Ore Using the Tar Impregnation Method. <i>Metals</i> , 2021, 11, 1623.	2.3	2
18	Dynamic performance of water scrubbing system in biogas purification. <i>AIP Conference Proceedings</i> , 2018, , .	0.4	1

#	ARTICLE	IF	CITATIONS
19	Determination of solid-liquid binary phase equilibrium of Urea-mono ammonium phosphate (MAP). AIP Conference Proceedings, 2019, , .	0.4	1
20	Levogluconan as the Intermediate Product on the Pre-treated Sugarcane Bagasse Hydrolysis Catalyzed by Brønsted Acid. Sugar Tech, 2023, 25, 234-244.	1.8	1