

# Muslikhin Hidayat

## List of Publications by Year in descending order

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20  
papers

183  
citations

1307594

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1125743

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20  
times ranked

224  
citing authors

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

#	ARTICLE	IF	CITATIONS
19	A computational investigation of non-isothermal gas–solid flow in a U-bend. Powder Technology, 2007, 175, 104-114.	4.2	11
20	Some aspects on gas–solid flow in a U-bend: Numerical investigation. Powder Technology, 2005, 153, 1-13.	4.2	38