

Bayu Prabowo

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

354
citations

1040056

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1199594

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docs citations

14
times ranked

435
citing authors

#	ARTICLE	IF	CITATIONS
1	CO ₂ -steam mixture for direct and indirect gasification of rice straw in a downdraft gasifier: Laboratory-scale experiments and performance prediction. <i>Applied Energy</i> , 2014, 113, 670-679.	10.1	84
2	CO ₂ -recycling biomass gasification system for highly efficient and carbon-negative power generation. <i>Applied Energy</i> , 2015, 158, 97-106.	10.1	65
3	Integration of energy-efficient empty fruit bunch drying with gasification/combined cycle systems. <i>Applied Energy</i> , 2015, 139, 188-195.	10.1	58
4	Metal nickel nanoparticles in situ generated in rice husk char for catalytic reformation of tar and syngas from biomass pyrolytic gasification. <i>RSC Advances</i> , 2014, 4, 40651-40664.	3.6	48
5	Catalytic destruction of PCDD/Fs over vanadium oxide-based catalysts. <i>Environmental Science and Pollution Research</i> , 2016, 23, 16249-16258.	5.3	22
6	Effect of inorganic coagulant addition under hydrothermal treatment on the dewatering performance of excess sludge with various dewatering conditions. <i>Journal of Material Cycles and Waste Management</i> , 2017, 19, 1279-1287.	3.0	16
7	Combustion characteristics and kinetics study of hydrothermally treated paper sludge by thermogravimetric analysis. <i>Biofuels</i> , 2014, 5, 673-685.	2.4	15
8	Pilot scale autothermal gasification of coconut shell with CO ₂ -O ₂ mixture. <i>Frontiers in Energy</i> , 2015, 9, 362-370.	2.3	11
9	Preparation of empty fruit bunch as a feedstock for gasification process by employing hydrothermal treatment. <i>Energy Procedia</i> , 2018, 152, 1003-1008.	1.8	10
10	Aspen Plus Modeling Approach in Solid Waste Gasification. , 2019, , 259-281.		9
11	Effect of pressure and atmosphere during hydrothermal treatment on the properties of sewage sludge-derived solid fuel. <i>Journal of Material Cycles and Waste Management</i> , 2018, 20, 1594-1604.	3.0	7
12	Efficient production of high calorific value solid fuel from palm oil empty fruit bunch by pressurized hydrothermal carbonization. <i>Sustainable Energy Technologies and Assessments</i> , 2019, 34, 56-61.	2.7	7
13	Performance and Exhaust Emissions of a Gas-Turbine Engine Fueled with Biojet/Jet A-1 Blends for the Development of Aviation Biofuel in Tropical Regions. <i>Energies</i> , 2020, 13, 6570.	3.1	2
14	Utilization of Rice Husk in the CO ₂ -Recycling Gasification System for the Effective Implementation of Bioenergy with Carbon Capture and Storage (BECCS) Technology. <i>ACS Symposium Series</i> , 2015, , 323-340.	0.5	0