

Ashak Parvez

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

608
citations

759233

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1125743

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g-index

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all docs

13
docs citations

13
times ranked

725
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of torrefaction on the fuel characteristics of timothy hay. <i>Biofuels</i> , 2021, 12, 391-404.	2.4	6
2	Removal of VOCs from waste gases using various thermal oxidizers: A comparative study based on life cycle assessment and cost analysis in China. <i>Journal of Cleaner Production</i> , 2019, 233, 808-818.	9.3	45
3	Using Green γ -Valerolactone/Water Solvent To Decrease Lignin Heterogeneity by Gradient Precipitation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10112-10120.	6.7	68
4	Subdivision of bamboo kraft lignin by one-step ethanol fractionation to enhance its water-solubility and antibacterial performance. <i>International Journal of Biological Macromolecules</i> , 2019, 133, 156-164.	7.5	53
5	A comprehensive optimization and comparison of modified single mixed refrigerant and parallel nitrogen expansion liquefaction process for small-scale mobile LNG plant. <i>Energy</i> , 2019, 167, 1-12.	8.8	76
6	Conventional and microwave-assisted pyrolysis of gumwood: A comparison study using thermodynamic evaluation and hydrogen production. <i>Fuel Processing Technology</i> , 2019, 184, 1-11.	7.2	82
7	Bio-DME production based on conventional and CO ₂ -enhanced gasification of biomass: A comparative study on exergy and environmental impacts. <i>Biomass and Bioenergy</i> , 2018, 110, 105-113.	5.7	37
8	Process and Energy Analysis of Pelletizing Agricultural and Woody Biomass Blends. <i>Sustainability</i> , 2018, 10, 1770.	3.2	19
9	Enhancing the Reactivity of Petroleum Coke in CO ₂ via Co-Processing with Selected Carbonaceous Materials. <i>Energy & Fuels</i> , 2017, 31, 1555-1563.	5.1	15
10	A novel index for the study of synergistic effects during the co-processing of coal and biomass. <i>Applied Energy</i> , 2017, 188, 215-225.	10.1	80
11	Effect of the addition of different waste carbonaceous materials on coal gasification in CO ₂ atmosphere. <i>Fuel Processing Technology</i> , 2016, 149, 231-238.	7.2	26
12	Synthesis of Bio-Dimethyl Ether Based on Carbon Dioxide-Enhanced Gasification of Biomass: Process Simulation Using Aspen Plus. <i>Energy Technology</i> , 2016, 4, 526-535.	3.8	14
13	Energy, exergy and environmental analyses of conventional, steam and CO ₂ -enhanced rice straw gasification. <i>Energy</i> , 2016, 94, 579-588.	8.8	87