

# Ashak Parvez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7532612/publications.pdf>

Version: 2024-02-01

13  
papers

608  
citations

759233

12  
h-index

1125743

13  
g-index

13  
all docs

13  
docs citations

13  
times ranked

725  
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy, exergy and environmental analyses of conventional, steam and CO <sub>2</sub> -enhanced rice straw gasification. <i>Energy</i> , 2016, 94, 579-588.	8.8	87
2	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
3	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
4	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
5	Using Green $\gamma$ -Valerolactone/Water Solvent To Decrease Lignin Heterogeneity by Gradient Precipitation. <i>ACS Sustainable Chemistry and Engineering</i> , 2019, 7, 10112-10120.	6.7	68
6	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
7	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
8	Bio-DME production based on conventional and CO <sub>2</sub> -enhanced gasification of biomass: A comparative study on exergy and environmental impacts. <i>Biomass and Bioenergy</i> , 2018, 110, 105-113.	5.7	37
9	Effect of the addition of different waste carbonaceous materials on coal gasification in CO <sub>2</sub> atmosphere. <i>Fuel Processing Technology</i> , 2016, 149, 231-238.	7.2	26
10	Process and Energy Analysis of Pelleting Agricultural and Woody Biomass Blends. <i>Sustainability</i> , 2018, 10, 1770.	3.2	19
11	Enhancing the Reactivity of Petroleum Coke in CO <sub>2</sub> via Co-Processing with Selected Carbonaceous Materials. <i>Energy &amp; Fuels</i> , 2017, 31, 1555-1563.	5.1	15
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	Effect of torrefaction on the fuel characteristics of timothy hay. <i>Biofuels</i> , 2021, 12, 391-404.	2.4	6