

Nabeel Ahmad

List of Publications by Year in descending order

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15
papers

353
citations

759233

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h-index

1058476

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15
times ranked

339
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of recoverable magnetic mesoporous carbon adsorbent for removal of methyl blue and methyl orange from wastewater. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104220.	6.7	80
2	Thermal conversion of polystyrene plastic waste to liquid fuel via ethanolysis. <i>Fuel</i> , 2020, 279, 118498.	6.4	52
3	Liquefaction of natural rubber to liquid fuels via hydrous pyrolysis. <i>Fuel</i> , 2018, 218, 227-235.	6.4	32
4	Techno-economic assessment of process integration models for boosting hydrogen production potential from coal and natural gas feedstocks. <i>Fuel</i> , 2020, 266, 117111.	6.4	30
5	Potential use of natural rubber to produce liquid fuels using hydrous pyrolysis – a review. <i>RSC Advances</i> , 2016, 6, 68906-68921.	3.6	28
6	Development of AgFeO ₂ /rGO/TiO ₂ Ternary Composite Photocatalysts for Enhanced Photocatalytic Dye Decolorization. <i>Crystals</i> , 2020, 10, 923.	2.2	19
7	Conversion of biomass blends (walnut shell and pearl millet) for the production of solid biofuel via torrefaction under different conditions. <i>Chemosphere</i> , 2022, 295, 133894.	8.2	18
8	Simulation and Modelling of Hydrogen Production from Waste Plastics: Technoeconomic Analysis. <i>Polymers</i> , 2022, 14, 2056.	4.5	18
9	Process design and techno-economic evaluation for the production of platform chemical for hydrocarbon fuels from lignocellulosic biomass using biomass-derived γ -valerolactone. <i>Renewable Energy</i> , 2020, 161, 750-755.	8.9	15
10	Catalytic cracking of polystyrene pyrolysis oil: Effect of Nb ₂ O ₅ and NiO/Nb ₂ O ₅ catalyst on the liquid product composition. <i>Waste Management</i> , 2022, 141, 240-250.	7.4	15
11	Conversion of poly-isoprene based rubber to value-added chemicals and liquid fuel via ethanolysis: Effect of operating parameters on product quality and quantity. <i>Energy</i> , 2020, 191, 116543.	8.8	14
12	Diesel and gasoline like fuel production with minimum styrene content from catalytic pyrolysis of polystyrene. <i>Environmental Progress and Sustainable Energy</i> , 2021, 40, e13493.	2.3	13
13	Synthesis of valuable intermediate products from natural rubber under supercritical alcohol conditions. <i>Journal of Analytical and Applied Pyrolysis</i> , 2019, 139, 196-204.	5.5	12
14	Co-Production of Hydrogen and Methanol Using Fuel Mix Systems: Technical and Economic Assessment. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 6577.	2.5	7
15	Techno-Economic Assessment of Conceptual Design for Methanol Production Using Coal and Natural Gas Based Parallel Process Configuration. <i>Computer Aided Chemical Engineering</i> , 2020, , 1441-1446.	0.5	0