

Mithilesh Jha

List of Publications by Year in descending order

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12
papers

579
citations

1478505

6
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

687
citing authors

#	ARTICLE	IF	CITATIONS
1	Pyrolysis kinetics and thermodynamic parameters of castor (<i>Ricinus communis</i>) residue using thermogravimetric analysis. <i>Bioresource Technology</i> , 2018, 250, 422-428.	9.6	304
2	Valorisation of crude glycerol to value-added products: Perspectives of process technology, economics and environmental issues. <i>Biotechnology Reports (Amsterdam, Netherlands)</i> , 2020, 27, e00487.	4.4	108
3	Effect of process parameters on hydrothermal liquefaction of waste furniture sawdust for bio-oil production. <i>RSC Advances</i> , 2016, 6, 41772-41780.	3.6	78
4	Excess sludge disruption and pollutant removal from tannery effluent by upgraded activated sludge system. <i>Bioresource Technology</i> , 2018, 263, 613-624.	9.6	29
5	Characterization, activity and process optimization with a biomass-based thermal power plant's fly ash as a potential catalyst for biodiesel production. <i>RSC Advances</i> , 2015, 5, 9946-9954.	3.6	20
6	Statistical optimization of biodiesel production from <i>Prunus armeniaca</i> oil over strontium functionalized calcium oxide. <i>Research on Chemical Intermediates</i> , 2018, 44, 7691-7709.	2.7	10
7	Effect of extracellular polymeric compositions on in-situ sludge minimization performance of upgraded activated sludge treatment for industrial wastewater. <i>Journal of Environmental Management</i> , 2022, 306, 114516.	7.8	7
8	Exergy Conceptual-Based Study for Comparative Thermodynamic Performance of CI Engine Fueled with Petroleum Diesel and Biodiesel Blends. <i>Journal of Energy Engineering - ASCE</i> , 2017, 143, .	1.9	6
9	Studies on the effect of low density polyethylene on ethylene vinyl acetate/styrene butadiene styrene blends for yoga mat applications. <i>SPE Polymers</i> , 2021, 2, 325.	3.3	5
10	Transesterification of <i>Prunus armeniaca</i> oil using calcium methoxide as a catalyst: Identification of methyl esters and proposed mechanistic pathways. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2018, 40, 2317-2326.	2.3	4
11	Process optimization with acid functionalised activated carbon derived from corncob for production of 4-hydroxymethyl-2,2-dimethyl-1,3-dioxolane and 5-hydroxy-2,2-dimethyl-1,3-dioxane. <i>Scientific Reports</i> , 2021, 11, 8567.	3.3	4
12	Hydrothermal Treatment of Pretreated Castor Residue for the Production of Bio-oil. <i>Bioenergy Research</i> , 2023, 16, 517-527.	3.9	4