

Brajesh Kumar

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

12
papers

93
citations

7
h-index

9
g-index

14
ext. papers

125
ext. citations

5.4
avg, IF

2.76
L-index

#	Paper	IF	Citations
12	Utilization of acetone-butanol-ethanol-water mixture obtained from biomass fermentation as renewable feedstock for hydrogen production via steam reforming: Thermodynamic and energy analyses. <i>Bioresource Technology</i> , 2018 , 261, 385-393	11	16
11	Thermodynamic and energy analysis of renewable butanol-ethanol fuel reforming for the production of hydrogen. <i>Journal of Environmental Chemical Engineering</i> , 2017 , 5, 5876-5890	6.8	14
10	Production of potable water from Gomti River by using modified double slope solar still with external mounted reflectors. <i>Solar Energy</i> , 2020 , 209, 576-589	6.8	14
9	Butanol reforming: an overview on recent developments and future aspects. <i>Reviews in Chemical Engineering</i> , 2017 , 34, 1-19	5	11
8	Comparative modeling study of catalytic membrane reactor configurations for syngas production by CO ₂ reforming of methane. <i>Journal of CO₂ Utilization</i> , 2017 , 20, 336-346	7.6	11
7	Thermodynamic analysis of H ₂ production by oxidative steam reforming of butanol-ethanol-water mixture recovered from Acetone:Butanol:Ethanol fermentation. <i>International Journal of Hydrogen Energy</i> , 2018 , 43, 6491-6503	6.7	8
6	Biodegradation of dual phenolic substrates in simulated wastewater by <i>Glomastix indicus</i> MTCC 3869. <i>Journal of Environmental Chemical Engineering</i> , 2013 , 1, 865-874	6.8	8
5	Transesterification of Castor Oil with Methanol [Kinetic Modelling. <i>Chemical Product and Process Modeling</i> , 2015 , 10, 71-80	1.1	7
4	Modeling of a UASB Reactor by NARX Networks for Biogas Production. <i>Chemical Product and Process Modeling</i> , 2015 , 10, 113-121	1.1	4
3	Radioactive waste management 2022 , 289-301		0
2	Carbon-Based Catalysts for Biorefinery Processes: Carbon-Based Catalysts for Valorization of Glycerol Waste From Biodiesel Industry 2022 , 55-82		
1	Photocatalytic Biomass Valorization into Valuable Chemicals 2022 , 1-21		