

Hessam Jahangiri

List of Publications by Citations

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Version: 2024-04-27

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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.

16
papers

607
citations

11
h-index

16
g-index

16
ext. papers

735
ext. citations

5.2
avg, IF

4.21
L-index

#	Paper	IF	Citations
16	A review of advanced catalyst development for Fischer-Tropsch synthesis of hydrocarbons from biomass derived syn-gas. <i>Catalysis Science and Technology</i> , 2014 , 4, 2210-2229	5.5	344
15	A review of Fischer Tropsch synthesis process, mechanism, surface chemistry and catalyst formulation 2017 , 2, 11-31		77
14	Integrated intermediate catalytic pyrolysis of wheat husk. <i>Food and Bioproducts Processing</i> , 2019 , 114, 23-30	4.9	27
13	Zirconia catalysed acetic acid ketonisation for pre-treatment of biomass fast pyrolysis vapours. <i>Catalysis Science and Technology</i> , 2018 , 8, 1134-1141	5.5	25
12	The effect of torrefaction pre-treatment on the pyrolysis of corn cobs. <i>Results in Engineering</i> , 2020 , 7, 100165	3.3	24
11	Food and Market Waste-A Pathway to Sustainable Fuels and Waste Valorization. <i>Energy & Fuels</i> , 2019 , 33, 9843-9850	4.1	18
10	A Review of the Valorization of Paper Industry Wastes by Thermochemical Conversion. <i>Industrial & Engineering Chemistry Research</i> , 2019 , 58, 15914-15929	3.9	16
9	Thermochemical conversion of agricultural wastes applying different reforming temperatures. <i>Fuel Processing Technology</i> , 2020 , 203, 106402	7.2	16
8	Valorisation of lignocellulosic biomass investigating different pyrolysis temperatures. <i>Journal of the Energy Institute</i> , 2020 , 93, 1960-1969	5.7	15
7	Maximizing paraffin to olefin ratio employing simulated nitrogen-rich syngas via Fischer-Tropsch process over Co ₃ O ₄ /SiO ₂ catalysts. <i>Fuel Processing Technology</i> , 2020 , 208, 106477	7.2	11
6	Ga/HZSM-5 Catalysed Acetic Acid Ketonisation for Upgrading of Biomass Pyrolysis Vapours. <i>Catalysts</i> , 2019 , 9, 841	4	11
5	The Upgrading of Bio-Oil from the Intermediate Pyrolysis of Waste Biomass Using Steel Slag as a Catalyst. <i>ACS Sustainable Chemistry and Engineering</i> , 2020 , 8, 18420-18432	8.3	7
4	Demonstration of catalytic properties of de-inking sludge char as a carbon based sacrificial catalyst. <i>Journal of Analytical and Applied Pyrolysis</i> , 2020 , 146, 104773	6	7
3	Deoxygenation of Bio-oil from Calcium-Rich Paper-Mill Waste. <i>Chemical Engineering and Technology</i> , 2021 , 44, 194-202	2	6
2	A step change towards sustainable aviation fuel from sewage sludge. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022 , 163, 105498	6	3
1	Thermochemical Conversion of Biomass and Upgrading of Bio-Products to Produce Fuels and Chemicals 2021 , 1-47		