

# Hessam Jahangiri

## List of Publications by Year in descending order

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Version: 2024-02-01

16  
papers

867  
citations

687220

13  
h-index

996849

15  
g-index

16  
all docs

16  
docs citations

16  
times ranked

1230  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	2.1	422
2	A review of Fischer Tropsch synthesis process, mechanism, surface chemistry and catalyst formulation. <i>Biofuels Engineering</i> , 2017, 2, 11-31.	0.0	126
3	The effect of torrefaction pre-treatment on the pyrolysis of corn cobs. <i>Results in Engineering</i> , 2020, 7, 100165.	2.2	44
4	Integrated intermediate catalytic pyrolysis of wheat husk. <i>Food and Bioproducts Processing</i> , 2019, 114, 23-30.	1.8	37
5	Food and Market Waste—A Pathway to Sustainable Fuels and Waste Valorization. <i>Energy &amp; Fuels</i> , 2019, 33, 9843-9850.	2.5	36
6	Valorisation of lignocellulosic biomass investigating different pyrolysis temperatures. <i>Journal of the Energy Institute</i> , 2020, 93, 1960-1969.	2.7	32
7	Zirconia catalysed acetic acid ketonisation for pre-treatment of biomass fast pyrolysis vapours. <i>Catalysis Science and Technology</i> , 2018, 8, 1134-1141.	2.1	31
8	A Review of the Valorization of Paper Industry Wastes by Thermochemical Conversion. <i>Industrial &amp; Engineering Chemistry Research</i> , 2019, 58, 15914-15929.	1.8	28
9	Thermochemical conversion of agricultural wastes applying different reforming temperatures. <i>Fuel Processing Technology</i> , 2020, 203, 106402.	3.7	23
10	Ga/HZSM-5 Catalysed Acetic Acid Ketonisation for Upgrading of Biomass Pyrolysis Vapours. <i>Catalysts</i> , 2019, 9, 841.	1.6	20
11	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.	3.2	18
12	A step change towards sustainable aviation fuel from sewage sludge. <i>Journal of Analytical and Applied Pyrolysis</i> , 2022, 163, 105498.	2.6	17
13	Maximizing paraffin to olefin ratio employing simulated nitrogen-rich syngas via Fischer-Tropsch process over Co <sub>3</sub> O <sub>4</sub> /SiO <sub>2</sub> catalysts. <i>Fuel Processing Technology</i> , 2020, 208, 106477.	3.7	15
14	Deoxygenation of Bio-oil from Calcium-Rich Paper-Mill Waste. <i>Chemical Engineering and Technology</i> , 2021, 44, 194-202.	0.9	9
15	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.	2.6	9
16	Thermochemical Conversion of Biomass and Upgrading of Bio-Products to Produce Fuels and Chemicals. , 2021, , 1-47.		0