

# Vekes Balasundram

## List of Publications by Year in descending order

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Version: 2024-02-01

11  
papers

294  
citations

1684188

5  
h-index

1281871

11  
g-index

11  
all docs

11  
docs citations

11  
times ranked

379  
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermogravimetric catalytic pyrolysis and kinetic studies of coconut copra and rice husk for possible maximum production of pyrolysis oil. <i>Journal of Cleaner Production</i> , 2017, 167, 218-228.	9.3	137
2	Catalytic upgrading of sugarcane bagasse pyrolysis vapours over rare earth metal (Ce) loaded HZSM-5: Effect of catalyst to biomass ratio on the organic compounds in pyrolysis oil. <i>Applied Energy</i> , 2018, 220, 787-799.	10.1	58
3	Catalytic upgrading of pyrolysis vapours over metal modified HZSM-5 via in-situ pyrolysis of sugarcane bagasse: Effect of nickel to cerium ratio on HZSM-5. <i>Journal of Analytical and Applied Pyrolysis</i> , 2018, 134, 309-325.	5.5	43
4	Catalytic upgrading of biomass-derived pyrolysis vapour over metal-modified HZSM-5 into BTX: a comprehensive review. <i>Biomass Conversion and Biorefinery</i> , 2022, 12, 1911-1938.	4.6	21
5	Catalytic pyrolysis of sugarcane bagasse using molybdenum modified HZSM-5 zeolite. <i>Energy Procedia</i> , 2017, 142, 793-800.	1.8	12
6	Effect of Particle Size and Temperature on Pyrolysis of Palm Kernel Shell. <i>International Journal of Engineering and Technology(UAE)</i> , 2018, 7, 118.	0.3	5
7	Optimizing the catalytic performance of Ni-Ce/HZSM-5 catalyst for enriched C6-C8 hydrocarbons in pyrolysis oil via response surface methodology. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 8603-8613.	4.6	5
8	In situ catalytic upgrading of oxygenated pyrolysis vapours from pyrolysis of sugarcane bagasse over metal oxides loaded HZSM-5. <i>Biomass Conversion and Biorefinery</i> , 2023, 13, 8615-8628.	4.6	5
9	Catalytic pyrolysis of sugarcane bagasse over cerium (rare earth) loaded HZSM-5 zeolite. <i>Energy Procedia</i> , 2017, 142, 801-808.	1.8	4
10	Catalytic co-pyrolysis of biomass and plastic wastes over metal-modified HZSM-5: A mini critical review. <i>Materials Today: Proceedings</i> , 2022, 57, 1256-1261.	1.8	3
11	Catalytic Co-pyrolysis of empty fruit bunch and high-density polyethylene mixtures over rice husk ash: Thermogravimetric, kinetic and thermodynamic analyses. <i>Cleaner Engineering and Technology</i> , 2022, , 100538.	4.0	1