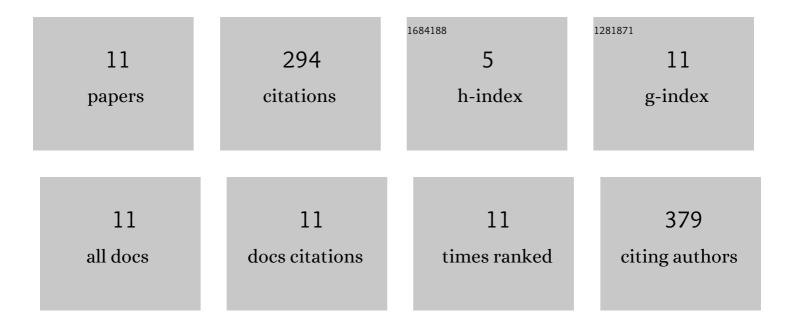
Vekes Balasundram

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6651595/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Thermogravimetric catalytic pyrolysis and kinetic studies of coconut copra and rice husk for possible maximum production of pyrolysis oil. Journal of Cleaner Production, 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. Applied Energy, 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. Journal of Analytical and Applied Pyrolysis, 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. Biomass Conversion and Biorefinery, 2022, 12, 1911-1938.	4.6	21
5	Catalytic pyrolysis of sugarcane bagasse using molybdenum modified HZSM-5 zeolite. Energy Procedia, 2017, 142, 793-800.	1.8	12
6	Effect of Particle Size and Temperature on Pyrolysis of Palm Kernel Shell. International Journal of Engineering and Technology(UAE), 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. Biomass Conversion and Biorefinery, 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. Biomass Conversion and Biorefinery, 2023, 13, 8615-8628.	4.6	5
9	Catalytic pyrolysis of sugarcane bagasse over cerium (rare earth) loaded HZSM-5 zeolite. Energy Procedia, 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. Materials Today: Proceedings, 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. Cleaner Engineering and Technology, 2022, ,	4.0	1