Mariam Ameen

List of Publications by Year
in descending order

41 papers	1,185 citations	448610 19 h-index	445137 33 g-index
42 all docs	42 docs citations	42 times ranked	1247 citing authors

#	Article	IF	Citations
1	Catalytic reforming of oxygenated hydrocarbons for the hydrogen production: an outlook. Biomass Conversion and Biorefinery, 2023, 13, 8441-8464.	2.9	27
2	Effect of acid catalysts on hydrothermal carbonization of Malaysian oil palm residues (leaves, fronds,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.9	69
3	Tailor made Functional Zeolite as Sustainable Potential Candidates for Catalytic Cracking of Heavy Hydrocarbons. Catalysis Letters, 2022, 152, 732-744.	1.4	14
4	Waste sugarcane bagasseâ€derived nanocatalyst for microwaveâ€assisted transesterification: Thermal, kinetic and optimization study. Biofuels, Bioproducts and Biorefining, 2022, 16, 122-141.	1.9	23
5	Upgrading biocrudes derived from agricultural biomass into advanced biofuels: Perspective from Malaysia. Fuel, 2022, 323, 124300.	3.4	7
6	Removal of micropollutants from municipal wastewater using different types of activated carbons. Journal of Environmental Management, 2021, 278, 111302.	3.8	80
7	A review on the waste biomass derived catalysts for biodiesel production. Environmental Technology and Innovation, 2021, 21, 101200.	3.0	98
8	A Comprehensive Review on Oil Extraction and Biodiesel Production Technologies. Sustainability, 2021, 13, 788.	1.6	85
9	Development of lignin based heterogeneous solid acid catalyst derived from sugarcane bagasse for microwave assisted-transesterification of waste cooking oil. Biomass and Bioenergy, 2021, 146, 105978.	2.9	33
10	Activation of Nano Kaolin Clay for Bio-Glycerol Conversion to a Valuable Fuel Additive. Sustainability, 2021, 13, 2631.	1.6	12
11	Five-lump kinetic approach on biofuel production from refined rubber seed oil over Cu/ZSM-5 catalyst via catalytic cracking reaction. Renewable Energy, 2021, 171, 1445-1453.	4.3	6
12	Effects of ultrasound irradiations time over Niâ€“Mo/Î³-Al2O3 catalyst synthesis for 1,3 â€“ Propanediol selectively via aqueous phase reforming of glycerol. Case Studies in Chemical and Environmental Engineering, 2021, 3, 100096.	2.9	10
13	Recent Advances and Development of Various Oxygen Carriers for the Chemical Looping Combustion Process: A Review. Industrial & Engineering Chemistry Research, 2021, 60, 8621-8641.	1.8	44
14	Comprehensive Review on Biodiesel Production from Palm Oil Mill Effluent. ChemBioEng Reviews, 2021, 8, 439-462.	2.6	7
15	Liquid value-added chemicals production from aqueous phase reforming of sorbitol and glycerol over sonosynthesized Ni-based catalyst. Journal of Environmental Chemical Engineering, 2021, 9, 105766.	3.3	22
16	Solvent extraction and performance analysis of residual palm oil for biodiesel production: Experimental and simulation study. Journal of Environmental Chemical Engineering, 2021, 9, 105519.	3.3	28
17	Effect of Calcium Doping Using Aqueous Phase Reforming of Glycerol over Sonochemically Synthesized Nickel-Based Supported ZrO2 Catalyst. Catalysts, 2021, 11, 977.	1.6	14
18	In-situ hydrogenolysis of glycerol using hydrogen produced via aqueous phase reforming of glycerol over sonochemically synthesized nickel-based nano-catalyst. Molecular Catalysis, 2021, 514, 111860.	1.0	20

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19	Comparative Study on Ni/Î³-Al₂O₃ Prepared via Ultrasonic Irradiation and Impregnation Approaches as an Oxygen Carrier in Chemical Looping Combustion. Industrial & Engineering Chemistry Research, 2021, 60, 13542-13552.	1.8	9
20	Recent Technology Developments in Biogas Production from Waste Materials in Malaysia. ChemBioEng Reviews, 2021, 8, 564-592.	2.6	1
21	The effect of metal loading over Ni/Î³-Al2O3 and Mo/Î³-Al2O3 catalysts on reaction routes of hydrodeoxygenation of rubber seed oil for green diesel production. Catalysis Today, 2020, 355, 51-64.	2.2	50
22	Process optimization of green diesel selectivity and understanding of reaction intermediates. Renewable Energy, 2020, 149, 1092-1106.	4.3	13
23	Evaluation and detoxification of aflatoxins in ground and tree nuts using food grade organic acids. Biocatalysis and Agricultural Biotechnology, 2020, 29, 101749.	1.5	32
24	Catalytic Evaluation of Nanoflower Structured Manganese Oxide Electrocatalyst for Oxygen Reduction in Alkaline Media. Catalysts, 2020, 10, 822.	1.6	9
25	Biogasoline production from linoleic acid via catalytic cracking over nickel and copper-doped ZSM-5 catalysts. Environmental Research, 2020, 186, 109616.	3.7	24
26	Enhancing biogas production in anaerobic co-digestion of fresh chicken manure with corn stover at laboratory scale. SN Applied Sciences, 2020, 2, 1.	1.5	7
27	Parametric Studies on Hydrodeoxygenation of Rubber Seed Oil for Diesel Range Hydrocarbon Production. Energy & Fuels, 2020, 34, 4603-4617.	2.5	17
28	Production of Fuel Additive Solketal via Catalytic Conversion of Biodiesel-Derived Glycerol. Industrial & Engineering Chemistry Research, 2020, 59, 20961-20978.	1.8	65
29	Thermodynamic Analysis of Aqueous Phase Reforming of Sorbitol. Journal of Computational and Theoretical Nanoscience, 2020, 17, 1004-1008.	0.4	2
30	Emerging Technologies for Biofuels Production. , 2019, , 45-76.		3
31	H-Y zeolite as hydrodeoxygenation catalyst for diesel range hydrocarbon production from rubber seed oil. Materials Today: Proceedings, 2019, 16, 1742-1749.	0.9	13
32	Production of gasoline range hydrocarbons from catalytic cracking of linoleic acid over various acidic zeolite catalysts. Environmental Science and Pollution Research, 2019, 26, 34039-34046.	2.7	11
33	Catalytic hydrodeoxygenation of rubber seed oil over sonochemically synthesized Ni-Mo/Î³-Al2O3 catalyst for green diesel production. Ultrasonics Sonochemistry, 2019, 51, 90-102.	3.8	74
34	In-situ hydrogen generation from 1,2,3,4-tetrahydronaphthalene for catalytic conversion of oleic acid to diesel fuel hydrocarbons: Parametric studies using Response Surface Methodology approach. International Journal of Hydrogen Energy, 2019, 44, 20678-20689.	3.8	16
35	Photoreduction of Carbon Dioxide to Methanol over Copper Based Zeolitic Imidazolate Framework-8: A New Generation Photocatalyst. Catalysts, 2018, 8, 581.	1.6	41
36	Catalytic hydrodeoxygenation of triglycerides: An approach to clean diesel fuel production. Renewable and Sustainable Energy Reviews, 2017, 80, 1072-1088.	8.2	138

#	Article	IF	Citations
37	Solvothermal Synthesis of Anatase TiO2 Nanosheets with Exposed {001} Facets. Sains Malaysiana, 2017, 46, 2515-2521.	0.3	2
38	Hydroprocessing of Crude Jatropha Oil Using Hierarchical Structured TiO2 Nanocatalysts. Procedia Engineering, 2016, 148, 275-281.	1.2	23
39	Thermodynamic Equilibrium Analysis of Triolein Hydrodeoxygenation for Green Diesel Production. Procedia Engineering, 2016, 148, 1369-1376.	1.2	10
40	Physicochemical Properties of Ni-Mo/Î³-Al2O3 Catalysts Synthesized via Sonochemical Method. Procedia Engineering, 2016, 148, 64-71.	1.2	21
41	Effects of Ultrasound Irradiation on Synthesis of Solid Acid Catalysts. Key Engineering Materials, 0, 701, 67-72.	0.4	3