Aqsha Aqsha

List of Publications by Year
in descending order

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		471061	552369
33	746	17	26
papers	citations	h-index	g-index

33	33	33	813
all docs	docs citations	times ranked	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	Investigation of catalytic hydrodeoxygenation of anisole as bioâ€oil model compound over <scp>Niâ€Mo</scp>/<scp>TiO₂</scp> and <scp>Niâ€V</scp>/<scp>TiO₂</scp> catalysts: Synthesis, kinetic, and reaction pathways studies. Canadian Journal of Chemical Engineering, 2021, 99, 1094-1106.	0.9	6
3	Effect of membrane properties in a membrane rotating biological contactor for wastewater treatment. Journal of Environmental Chemical Engineering, 2021, 9, 104869.	3.3	17
4	Preparation of Metal Oxideâ€based Oxygen Carriers Supported with CeO 2 and Î³ â€Al 2 O 3 for Chemical Looping Combustion. Chemical Engineering and Technology, 2021, 44, 782-787.	0.9	6
5	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
6	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
7	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
8	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
9	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
10	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
11	Bio-oil production from pyrolysis of oil palm biomass and the upgrading technologies: A review. Carbon Resources Conversion, 2021, 4, 239-250.	3.2	54
12	Recent Technology Developments in Biogas Production from Waste Materials in Malaysia. ChemBioEng Reviews, 2021, 8, 564-592.	2.6	1
13	Co-pyrolysis of Empty Fruit Bunches with Palm Kernel Shell, Palm Leaves and Sawdust to Produce Fine Chemicals. Lecture Notes in Mechanical Engineering, 2021, , 296-302.	0.3	0
14	A comparative study of dynamic adsorption of anionic synthetic and nanocellulose-based surfactant in Malaysian reservoir. Journal of Petroleum Exploration and Production, 2020, 10, 311-318.	1.2	4
15	Process optimization of green diesel selectivity and understanding of reaction intermediates. Renewable Energy, 2020, 149, 1092-1106.	4.3	13
16	Development of Polyvinylidene Fluoride Membrane by Incorporating Bio-Based Ginger Extract as Additive. Polymers, 2020, 12, 2003.	2.0	31
17	Catalytic Evaluation of Nanoflower Structured Manganese Oxide Electrocatalyst for Oxygen Reduction in Alkaline Media. Catalysts, 2020, 10, 822.	1.6	9
18	Short-Chain Polyglycerol Production via Microwave-Assisted Solventless Glycerol Polymerization Process Over Lioh-Modified Aluminium Pillared Clay Catalyst: Parametric Study. Processes, 2020, 8, 1093.	1.3	2

#	Article	IF	Citations
19	A review over the role of catalysts for selective short-chain polyglycerol production from biodiesel derived waste glycerol. Environmental Technology and Innovation, 2020, 19, 100859.	3.0	48
20	Effect of combustion and nitrogen gas atmospheres on the torrefaction performance of oil palm frond leaves and stems. IOP Conference Series: Materials Science and Engineering, 2020, 736, 022020.	0.3	1
21	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
22	Catalytic Activity of Intercalated Montmorillonite Clay for Glycerol Conversion to Oligomers via Microwave Irradiation. Nihon Enerugi Gakkaishi/Journal of the Japan Institute of Energy, 2020, 99, 16-19.	0.2	2
23	Parametric Studies on Hydrodeoxygenation of Rubber Seed Oil for Diesel Range Hydrocarbon Production. Energy & Fuels, 2020, 34, 4603-4617.	2.5	17
24	X-ray diffraction and TGA kinetic analyses for chemical looping combustion applications. Data in Brief, 2018, 17, 200-209.	0.5	6
25	Determination of redox pathways of supported bimetallic oxygen carriers in a methane fuelled chemical looping combustion system. Fuel, 2018, 233, 133-145.	3.4	18
26	Catalytic pyrolysis of straw biomasses (wheat, flax, oat and barley) and the comparison of their product yields. Journal of Analytical and Applied Pyrolysis, 2017, 125, 201-208.	2.6	44
27	Synthesis and study of metal-based oxygen carriers (Cu, Co, Fe, Ni) and their interaction with supported metal oxides (Al2O3, CeO2, TiO2, ZrO2) in a chemical looping combustion system. Energy, 2017, 138, 873-882.	4.5	56
28	CO₂ Capture Performance of Core/Shell CaO-Based Sorbent Using Mesostructured Silica and Titania in a Multicycle CO₂ Capture Process. Industrial & Engineering Chemistry Research, 2016, 55, 4532-4538.	1.8	21
29	Development of oil-spill sorbent from straw biomass waste: Experiments and modeling studies. Journal of Environmental Management, 2016, 171, 166-176.	3.8	40
30	Characterization, thermochemical conversion studies, and heating value modeling of municipal solid waste. Waste Management, 2016, 48, 34-47.	3.7	121
31	Catalytic Hydrodeoxygenation of Guaiacol as Lignin Model Component Using Ni-Mo/TiO2 and Ni-V/TiO2 Catalysts. Catalysis Letters, 2015, 145, 1351-1363.	1.4	32
32	Mass transfer studies during CO2 gasification of torrefied and pyrolyzed chars. Energy, 2014, 67, 319-327.	4.5	28
33	Study of sawdust pyrolysis and its devolatilisation kinetics. Canadian Journal of Chemical Engineering, 2011, 89, 1451-1457.	0.9	16