

Hussain Gulab

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

357
citations

933447

10
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

424
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic degradation of waste high-density polyethylene into fuel products using BaCO ₃ as a catalyst. Fuel Processing Technology, 2010, 91, 1428-1437.	7.2	68
2	Catalytic conversion of waste high-density polyethylene into useful hydrocarbons. Fuel, 2013, 105, 595-602.	6.4	43
3	Degradation of waste High-density polyethylene into fuel oil using basic catalyst. Fuel, 2010, 89, 474-480.	6.4	36
4	Development of microwave assisted spectrophotometric method for the determination of glucose. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2016, 153, 374-378.	3.9	33
5	Plastic catalytic pyrolysis to fuels as tertiary polymer recycling method: Effect of process conditions. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2010, 45, 908-915.	1.7	31
6	Catalytic co-pyrolysis of Eichhornia Crassipes biomaññ and polyethylene using waste Fe and CaCO ₃ catalysts. International Journal of Energy Research, 2016, 40, 940-951.	4.5	31
7	Health risk assessment of heavy metals via consumption of dietary vegetables using wastewater for irrigation in Swabi, Khyber Pakhtunkhwa, Pakistan. PLoS ONE, 2021, 16, e0255853.	2.5	15
8	Effect of Process Conditions on Bio-oil Composition and Production from Catalytic Pyrolysis of Water Hyacinth Biomaññ. Waste and Biomass Valorization, 2019, 10, 2595-2609.	3.4	14
9	Production of fuel by co-pyrolysis of Makarwal coal and waste polypropylene through a hybrid heating system of convection and microwaves. International Journal of Energy Research, 2016, 40, 1532-1540.	4.5	12
10	Metals Contents in Honey, Beeswax and Bees and Human Health Risk Assessment Due to Consumption of Honey: A Case Study from Selected Districts in Khyber Pakhtunkhwa, Pakistan. Archives of Environmental Contamination and Toxicology, 2022, 82, 341-354.	4.1	12
11	<i>trans</i> -synthesis, characterization, DNA binding and enzymatic studies of 4-methyl <i>cinnamate</i> zinc(II)-mixed ligand complexes. Journal of Coordination Chemistry, 2015, 68, 3636-3650.	2.2	11
12	Synthesis, characterization and antibacterial activity of a new calcium complex using sodium 2-mercaptobenzothiazole and 1, 10-phenanthroline as ligands. Journal of Molecular Structure, 2018, 1154, 140-144.	3.6	11
13	A Validated Spectrofluorimetric Method for the Determination of Moxifloxacin in Its Pure Form, Pharmaceutical Preparations, and Biological Samples. Analytical Sciences, 2020, 36, 361-366.	1.6	9
14	Conversion of waste soap and soap-like materials into diesel and gasoline by catalytic pyrolysis using virgin soap as model. Canadian Journal of Chemical Engineering, 2016, 94, 94-100.	1.7	7
15	Exploring the biosynthesized gold nanoparticles for their antibacterial potential and photocatalytic degradation of the toxic water wastes under solar light illumination. Journal of Molecular Structure, 2020, 1215, 128259.	3.6	7
16	Physicochemical Investigation of Some Thiobarbiturate Derivatives and Their Binding Study with Deoxyribonucleic Acid. Russian Journal of Physical Chemistry B, 2018, 12, 485-494.	1.3	4
17	Pd/ZrO ₂ : An Efficient Catalyst for Liquid Phase Oxidation of Toluene in Solvent Free Conditions. International Journal of Chemical Reactor Engineering, 2017, 15, .	1.1	3
18	Catalytic and noncatalytic conversion of spent fat oil into combustible gases and liquids. Journal of Renewable and Sustainable Energy, 2019, 11, 023102.	2.0	3

#	ARTICLE	IF	CITATIONS
19	Catalytic CO_2 pyrolysis of waste rubber and waste lubricants with waste copper catalyst into value-added fuel. International Journal of Energy Research, 2021, 45, 15160-15170.	4.5	3
20	Probing the chemical constituents of <i>Cassia javanica</i> and its <i>in vitro</i> analyses as a potent drug. Royal Society Open Science, 2022, 9, 211626.	2.4	2
21	The Role of Unsaturated Gaseous Hydrocarbons in Minimization of Sucrose Losses. Journal of Food Processing and Preservation, 2015, 39, 2979-2983.	2.0	1
22	A binary copper(II) complex having stepped polymeric structure: Synthesis, characterization, DNA-binding and anti-fungal studies. Journal of the Serbian Chemical Society, 2020, 85, 203-214.	0.8	1
23	Production of a highly potent epoxide through the microbial metabolism of 3 ² -acetoxyurs-11-en-13 ² ,28-olide by <i>Aspergillus niger</i> culture. Pharmaceutical Biology, 2016, 54, 1942-1946.	2.9	0
24	Investigation of a New Spectrophotometric Method for the Analysis of Ciprofloxacin Based on Microwave Assisted Diazotization. Analytical Sciences, 2019, 35, 1183-1187.	1.6	0