

Mudassar Azam

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

607
citations

759233

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26
docs citations

26
times ranked

689
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of Hospital wastewater with submerged aerobic fixed film reactor coupled with tube-settler. <i>Chemosphere</i> , 2022, 286, 131838.	8.2	15
2	Methane dry reforming with CO ₂ over ceria supported Ni catalyst prepared by reverse microemulsion synthesis. <i>Fuel</i> , 2022, 317, 123433.	6.4	12
3	A Study on the Reaction Kinetics of Anaerobic Microbes Using Batch Anaerobic Sludge Technique for Beverage Industrial Wastewater. <i>Separations</i> , 2021, 8, 43.	2.4	3
4	Numerical Analysis of a Liquid Nitrogen (LN ₂) Engine for Efficient Energy Conversion. <i>ACS Omega</i> , 2021, 6, 15663-15673.	3.5	1
5	Co-Combustion Studies of Low-Rank Coal and Refuse-Derived Fuel: Performance and Reaction Kinetics. <i>Energies</i> , 2021, 14, 3796.	3.1	4
6	The Potential Use of Fly Ash from the Pulp and Paper Industry as Thermochemical Energy and CO ₂ Storage Material. <i>Energies</i> , 2021, 14, 3348.	3.1	3
7	Considerations on Temperature Dependent Effective Diffusion and Permeability of Natural Clays. <i>Materials</i> , 2021, 14, 4942.	2.9	2
8	Advances in the Synthesis and Application of Anti-Fouling Membranes Using Two-Dimensional Nanomaterials. <i>Membranes</i> , 2021, 11, 605.	3.0	9
9	Synthesis of Polyaniline Coated Magnesium and Cobalt Oxide Nanoparticles through Eco-Friendly Approach and Their Application as Antifungal Agents. <i>Polymers</i> , 2021, 13, 2669.	4.5	7
10	Development of polystyrene coated persulfate slow-release beads for the oxidation of targeted PAHs: Effects of sulfate and chloride ions. <i>Journal of Hazardous Materials</i> , 2021, 416, 125879.	12.4	9
11	Progress in microbial fuel cell technology for wastewater treatment and energy harvesting. <i>Chemosphere</i> , 2021, 281, 130828.	8.2	95
12	Status, characterization, and potential utilization of municipal solid waste as renewable energy source: Lahore case study in Pakistan. <i>Environment International</i> , 2020, 134, 105291.	10.0	100
13	Human Health Risk Assessment by Dietary Intake and Spatial Distribution Pattern of Polybrominated Diphenyl Ethers and Dechloran Plus from Selected Cities of Pakistan. <i>International Journal of Environmental Research and Public Health</i> , 2020, 17, 9543.	2.6	7
14	An Unreacted Shrinking Core Model Serves for Predicting Combustion Rates of Organic Additives in Clay Bricks. <i>Energy & Fuels</i> , 2020, 34, 16679-16692.	5.1	11
15	Isoconversional nonisothermal kinetic analysis of municipal solid waste, refuse-derived fuel, and coal. <i>Energy Science and Engineering</i> , 2020, 8, 3728-3739.	4.0	17
16	Solar-light-active silver phosphate/titanium dioxide/silica heterostructures for photocatalytic removal of organic dye. <i>Journal of Cleaner Production</i> , 2020, 254, 120031.	9.3	99
17	Comparing Fly Ash Samples from Different Types of Incinerators for Their Potential as Storage Materials for Thermochemical Energy and CO ₂ . <i>Materials</i> , 2019, 12, 3358.	2.9	6
18	Comparison of the combustion characteristics and kinetic study of coal, municipal solid waste, and refuse-derived fuel: Model-fitting methods. <i>Energy Science and Engineering</i> , 2019, 7, 2646-2657.	4.0	30

#	ARTICLE	IF	CITATIONS
19	Comparison of the Characteristics of Fly Ash Generated from Bio and Municipal Waste: Fluidized Bed Incinerators. <i>Materials</i> , 2019, 12, 2664.	2.9	16
20	Metal-organic frameworks as an emerging tool for sensing various targets in aqueous and biological media. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 120, 115654.	11.4	47
21	Investigating the role of anodic potential in the biodegradation of carbamazepine in bioelectrochemical systems. <i>Science of the Total Environment</i> , 2019, 688, 56-64.	8.0	20
22	Fly Ash from Municipal Solid Waste Incineration as a Potential Thermochemical Energy Storage Material. <i>Energy & Fuels</i> , 2019, 33, 5810-5819.	5.1	33
23	Investigation of functional, physical, mechanical and thermal properties of TiO ₂ embedded polyester hybrid composites: A design of experiment (DoE) study. <i>Progress in Natural Science: Materials International</i> , 2018, 28, 266-274.	4.4	6
24	Mixed matrix membranes: Two step process modified with electrospun (carboxy methylcellulose) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 50, 172-182.	5.8	31
25	Thermal and kinetic performance analysis of corncobs, Falsa sticks, and Chamalang coal under oxidizing and inert atmospheres. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 2017, 39, 775-782.	2.3	22