

# Mudassar Azam

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4577308/publications.pdf>

Version: 2024-02-01

25  
papers

607  
citations

759233

12  
h-index

610901

24  
g-index

26  
all docs

26  
docs citations

26  
times ranked

689  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | 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       |
| 2  | 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        |
| 3  | Progress in microbial fuel cell technology for wastewater treatment and energy harvesting. <i>Chemosphere</i> , 2021, 281, 130828.  | 8.2  | 95        |
| 4  | 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        |
| 5  | Fly Ash from Municipal Solid Waste Incineration as a Potential Thermochemical Energy Storage Material. <i>Energy &amp; Fuels</i> , 2019, 33, 5810-5819.   | 5.1  | 33        |
| 6  | 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        |
| 7  | 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        |
| 8  | 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        |
| 9  | 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        |
| 10 | 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        |
| 11 | 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        |
| 12 | Treatment of Hospital wastewater with submerged aerobic fixed film reactor coupled with tube-settler. <i>Chemosphere</i> , 2022, 286, 131838.   | 8.2  | 15        |
| 13 | Methane dry reforming with CO <sub>2</sub> over ceria supported Ni catalyst prepared by reverse microemulsion synthesis. <i>Fuel</i> , 2022, 317, 123433.   | 6.4  | 12        |
| 14 | An Unreacted Shrinking Core Model Serves for Predicting Combustion Rates of Organic Additives in Clay Bricks. <i>Energy &amp; Fuels</i> , 2020, 34, 16679-16692.  | 5.1  | 11        |
| 15 | Advances in the Synthesis and Application of Anti-Fouling Membranes Using Two-Dimensional Nanomaterials. <i>Membranes</i> , 2021, 11, 605.  | 3.0  | 9         |
| 16 | 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         |
| 17 | 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         |
| 18 | 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         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Investigation of functional, physical, mechanical and thermal properties of TiO <sub>2</sub> embedded polyester hybrid composites: A design of experiment (DoE) study. Progress in Natural Science: Materials International, 2018, 28, 266-274. | 4.4 | 6         |
| 20 | Comparing Fly Ash Samples from Different Types of Incinerators for Their Potential as Storage Materials for Thermochemical Energy and CO <sub>2</sub> . Materials, 2019, 12, 3358.  | 2.9 | 6         |
| 21 | Co-Combustion Studies of Low-Rank Coal and Refuse-Derived Fuel: Performance and Reaction Kinetics. Energies, 2021, 14, 3796.  | 3.1 | 4         |
| 22 | A Study on the Reaction Kinetics of Anaerobic Microbes Using Batch Anaerobic Sludge Technique for Beverage Industrial Wastewater. Separations, 2021, 8, 43.   | 2.4 | 3         |
| 23 | The Potential Use of Fly Ash from the Pulp and Paper Industry as Thermochemical Energy and CO <sub>2</sub> Storage Material. Energies, 2021, 14, 3348.  | 3.1 | 3         |
| 24 | Considerations on Temperature Dependent Effective Diffusion and Permeability of Natural Clays. Materials, 2021, 14, 4942.   | 2.9 | 2         |
| 25 | Numerical Analysis of a Liquid Nitrogen (LN <sub>2</sub> ) Engine for Efficient Energy Conversion. ACS Omega, 2021, 6, 15663-15673.   | 3.5 | 1         |