

Momina Ahmad

Lecturer

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About

Dr. Momina Ahmad is working as Lecturer in the Institute of Environmental Sciences & Engineering. Dr. Momina Ahmad has published 5 research articles & conference papers having a citation count of 108, carried out 0 projects and filed 1 intellectual property.

Qualifications

MS in Environmental Engineering NUST, Islamabad , Pakistan	2018 - 2021
BE in Environmental Engineering NUST, Islamabad , Pakistan	2014 - 2018

Experience

Lecturer Institute of Environmental Sciences & Engineering	2022- Present
Energy Analyst Upwork , USA	2021 - 2022
Teaching Assistant NUST , Islamabad, Pakistan	2019 - 2021
EIA Intern Ocean Power Electricla Works, LLC , Abu Dhabi, UAE	2017 - 2017

Research Articles

Solar energy resource mapping, site suitability and techno-economic feasibility analysis for utility scale photovoltaic power plants in Afghanistan <i>Javeedullah Hamad Momina Ahmad Muhammad Zeeshan Ali Khan</i> <i>Energy Conversion and Management</i> , Volume 303, Article Number: 118188 Impact Factor: 10.4 Quartile: 1 Citations: 17 DOI: 10.1016/j.enconman.2024.118188	2024
Life cycle multi-objective (geospatial, techno-economic, and environmental) feasibility and potential assessment of utility scale photovoltaic power plants <i>Momina Ahmad Muhammad Zeeshan Ali Khan Junaid Aziz Khan</i> <i>Energy Conversion and Management</i> , Volume 291, Article Number 117260 Impact Factor: 10.4 Quartile: 1 Citations: 27 DOI: 10.1016/j.enconman.2023.117260	2023
Multi-objective optimization of concentrated solar power plants from an energy-water-environment nexus perspective under distinct climatic conditions – Part B: Environ-economic analysis <i>Momina Ahmad Muhammad Zeeshan Ali Khan</i> <i>Journal of Cleaner Production</i> , Volume 385, Article Number 135689 Impact Factor: 11.072 Quartile: 1 Citations: 28 DOI: https://doi.org/10.1016/j.jclepro.2022.135689	2023
Multi-objective optimization of concentrated solar power plants from an energy-water-environment nexus perspective under distinct climatic conditions – Part A: Techno-economic analysis <i>Momina Ahmad Muhammad Zeeshan Ali Khan</i> <i>Journal of Cleaner Production</i> , Volume 375, Article Number 134099 Impact Factor: 11.1 Quartile: 1 Citations: 18 DOI: doi.org/10.1016/j.jclepro.2022.134099	2022
Validation of weather reanalysis datasets and geospatial and techno-economic viability and potential assessment of concentrated solar power plants <i>Momina Ahmad Muhammad Zeeshan Ali Khan</i> <i>Energy Conversion and Management</i> , Volume 256, Article Number 115366 Impact Factor: 10.4 Quartile: 1 Citations: 18 DOI: https://doi.org/10.1016/j.enconman.2022.115366	2022

Editorial Activities

Applied Energy Reviewed Papers for Journals Impact Factor: 1.1	2025
Applied Energy Reviewed Papers for Journals Impact Factor: 11	2025
Energy Conversion and Management Reviewed Papers for Journals Impact Factor: 10.9	2025
Energy Strategy Review Reviewed Papers for Journals Impact Factor: 9.9	2025
Energy Conversion and Management Reviewed Papers for Journals Impact Factor: 9.9	2024
Energy Conversion and Management Reviewed Papers for Journals Impact Factor: 9.9	2024
Sustainable Energy Technologies and Assessments Reviewed Papers for Journals Impact Factor: 7.1	2024

Energy Conversion and Management Reviewed Papers for Journals Impact Factor: 9.9	2024
Energy Strategy Reviews Reviewed Papers for Journals Impact Factor: 8.2	2024
Energy Strategy Review Reviewed Papers for Journals Impact Factor: 8.2	2024
Energy Strategy Reviews Reviewed Papers for Journals Impact Factor: 8.2	2024
Cleaner Energy System Reviewed Papers for Journals Impact Factor: N/A	2024
Applied Energy Reviewed Papers for Journals Impact Factor: 11.446	2024
Energy Reports Reviewed Papers for Journals Impact Factor: 5.2	2024
Energy Conversion and Management Reviewed Papers for Journals Impact Factor: 10.4	2024
Journal of Cleaner Production Reviewed Papers for Journals Impact Factor: 11.1	2023
Cleaner Energy Systems Reviewed Papers for Journals Impact Factor: N/A	2023
Journal of Cleaner Production Reviewed Papers for Journals Impact Factor: 11.1	2023
Journal of Cleaner Production Reviewed Papers for Journals Impact Factor: 11.1	2023
Energy Conversion and Management Reviewed Papers for Journals Impact Factor: 10.4	2023
Journal of Cleaner Production Reviewed Papers for Journals Impact Factor: 11.1	2023
Editor Resources, Conservation & Recycling Reviewed Papers for Journals Impact Factor: 13.2	2023
Journal of Cleaner Production Reviewed Papers for Journals Impact Factor: 11.1	2023
Journal of Cleaner Production Reviewed Papers for Journals Impact Factor: 10.4	2023
Journal of Cleaner Production Reviewed Papers for Journals Impact Factor: 11.1	2023

Intellectual Property

Copyrights

Patents

A Solar (Thermal) – Electric Hybrid Space Heating System
Status: Filed

2019

Industrial Designs

Trademarks