

# Danish Mir Sayed Shah

## List of Publications by Year in descending order

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43  
papers

1,214  
citations

331670

21  
h-index

434195

31  
g-index

46  
all docs

46  
docs citations

46  
times ranked

679  
citing authors

#	ARTICLE	IF	CITATIONS
1	Economic indicators and bioenergy supply in developed economies: QROF-DEMATEL and random forest models. Energy Reports, 2022, 8, 561-570.	5.1	97
2	Evaluation of the Hypothesis of Nonlinear Relationship between Finance and Energy Investment. , 2022, , 99-112.		0
3	Green Synthesis of Silver Oxide Nanoparticles for Photocatalytic Environmental Remediation and Biomedical Applications. Metals, 2022, 12, 769.	2.3	40
4	Optimum coordination of centralized and distributed renewable power generation incorporating battery storage system into the electric distribution network. International Journal of Electrical Power and Energy Systems, 2021, 125, 106458.	5.5	66
5	Development Russian Financial Markets: Evidence from Energy Companies from 1990 to 2020. Contributions To Management Science, 2021, , 39-50.	0.5	1
6	Contemporary Developments in Waste Water Treatment Technologies. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 196-219.	0.4	1
7	Examining Causal Linkages for Sustainable Development. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 127-142.	0.4	0
8	Green Building Efficiency and Sustainability Indicators. , 2021, , 196-212.		0
9	Photocatalytic Applications of Metal Oxides for Sustainable Environmental Remediation. Metals, 2021, 11, 80.	2.3	204
10	System of Green Resilience Eco-Oriented Land Uses in Urban Socio-Ecosystems. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 1-23.	0.4	0
11	Renewable Energy Deployment and COVID-19 Measures for Sustainable Development. Sustainability, 2021, 13, 4418.	3.2	59
12	A Framework for Integration of Smart and Sustainable Energy Systems in Urban Planning Processes of Low-Income Developing Countries: Afghanistan Case. Sustainability, 2021, 13, 8428.	3.2	6
13	Post-2000 Building Industry in Kabul City from Sustainability Perspective. Sustainability, 2021, 13, 7833.	3.2	4
14	A Forefront Framework for Sustainable Aquaponics Modeling and Design. Sustainability, 2021, 13, 9313.	3.2	30
15	Credit Risk Theoretical Model on the Base of DCC-GARCH in Time-Varying Parameters Framework. Mathematics, 2021, 9, 2423.	2.2	31
16	Applicable Smart City Strategies to Ensure Energy Efficiency and Renewable Energy Integration in Poor Cities: Kabul Case Study. Sustainability, 2021, 13, 11984.	3.2	5
17	Energy and Environment Efficiencies Towards Contributing to Global Sustainability. , 2021, , 1-13.		0
18	A Concise Overview of Energy Development Within Sustainability Requirements. , 2021, , 15-27.		1

#	ARTICLE	IF	CITATIONS
19	A coherent strategy for peak load shaving using energy storage systems. Journal of Energy Storage, 2020, 32, 101823.	8.1	33
20	A Hybrid Fault Recognition Algorithm Using Stockwell Transform and Wigner Distribution Function for Power System Network with Solar Energy Penetration. Energies, 2020, 13, 3519.	3.1	28
21	A Systematic Review of Metal Oxide Applications for Energy and Environmental Sustainability. Metals, 2020, 10, 1604.	2.3	120
22	A strategic-integrated approach for sustainable energy deployment. Energy Reports, 2020, 6, 40-44.	5.1	34
23	A Contemporary Novel Classification of Voltage Stability Indices. Applied Sciences (Switzerland), 2020, 10, 1639.	2.5	26
24	Green Building Efficiency and Sustainability Indicators. Advances in Civil and Industrial Engineering Book Series, 2020, , 128-145.	0.2	11
25	A sustainable microgrid: A sustainability and management-oriented approach. Energy Procedia, 2019, 159, 160-167.	1.8	26
26	A novel transdisciplinary paradigm for municipal solid waste to energy. Journal of Cleaner Production, 2019, 233, 880-892.	9.3	35
27	A Recap of Voltage Stability Indices in the Past Three Decades. Energies, 2019, 12, 1544.	3.1	64
28	Optimal multi-objective configuration and allocation of SVR, capacitor, centralised wind farm, and energy storage system: a multi-objective approach in a real distribution network. IET Renewable Power Generation, 2019, 13, 762-773.	3.1	30
29	Low-Voltage Solid-State DC Breaker for Fault Protection Applications in Isolated DC Microgrid Cluster. Applied Sciences (Switzerland), 2019, 9, 723.	2.5	25
30	A managed framework for energy-efficient building. Journal of Building Engineering, 2019, 21, 120-128.	3.4	59
31	Generation expansion planning considering renewable energy integration and optimal unit commitment: A case study of Afghanistan. AIMS Energy, 2019, 7, 441-464.	1.9	10
32	Multi-objective time-variant optimum automatic and fixed type of capacitor bank allocation considering minimization of switching steps. AIMS Energy, 2019, 7, 792-818.	1.9	10
33	Transients outrush current analysis and mitigation: A Case study of Afghanistan North East power system. AIMS Energy, 2019, 7, 493-506.	1.9	0
34	Critical Boundary Index (CBI) based on active and reactive power deviations. International Journal of Electrical Power and Energy Systems, 2018, 100, 50-57.	5.5	40
35	Multi-Objective Design of Power System Introducing Seawater Electrolysis Plant for Remote Island. , 2018, , .		3
36	Afghanistan's aspirations for energy independence: Water resources and hydropower energy. Renewable Energy, 2017, 113, 1276-1287.	8.9	36

#	ARTICLE	IF	CITATIONS
37	Voltage stability improvement by demand response. , 2017, , .		2
38	Development of renewable energy resources in Afghanistan for economically optimized cross-border electricity trading. AIMS Energy, 2017, 5, 691-717.	1.9	10
39	Torsional oscillation damping control for wind turbine generator under strong wind conditions. , 2016, , .		1
40	Voltage stability improvement by optimal active power and reactive power output control of storage battery system. , 2016, , .		9
41	A Review of Voltage Stability Assessment Techniques with an Improved Voltage Stability Indicator. International Journal of Emerging Electric Power Systems, 2015, 16, 107-115.	0.8	29
42	Preâ€ design and life cycle cost analysis of a hybrid power system for rural and remote communities in Afghanistan. Journal of Engineering, 2014, 2014, 438-444.	1.1	19
43	Afghanistan as an emerging regional energy hub. Journal of Sustainability Outreach, 0, , 10-14.	0.3	4