Danish Mir Sayed Shah

List of Publications by Year
in descending order

43	1,214	331670 21	434195 31
papers	citations	h-index	g-index

46	46	46	679
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Photocatalytic Applications of Metal Oxides for Sustainable Environmental Remediation. Metals, 2021, 11, 80.	2.3	204
2	A Systematic Review of Metal Oxide Applications for Energy and Environmental Sustainability. Metals, 2020, 10, 1604.	2.3	120
3	Economic indicators and bioenergy supply in developed economies: QROF-DEMATEL and random forest models. Energy Reports, 2022, 8, 561-570.	5.1	97
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	A Recap of Voltage Stability Indices in the Past Three Decades. Energies, 2019, 12, 1544.	3.1	64
6	A managed framework for energy-efficient building. Journal of Building Engineering, 2019, 21, 120-128.	3.4	59
7	Renewable Energy Deployment and COVID-19 Measures for Sustainable Development. Sustainability, 2021, 13, 4418.	3.2	59
8	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
9	Green Synthesis of Silver Oxide Nanoparticles for Photocatalytic Environmental Remediation and Biomedical Applications. Metals, 2022, 12, 769.	2.3	40
10	Afghanistan's aspirations for energy independence: Water resources and hydropower energy. Renewable Energy, 2017, 113, 1276-1287.	8.9	36
11	A novel transdisciplinary paradigm for municipal solid waste to energy. Journal of Cleaner Production, 2019, 233, 880-892.	9.3	35
12	A strategic-integrated approach for sustainable energy deployment. Energy Reports, 2020, 6, 40-44.	5.1	34
13	A coherent strategy for peak load shaving using energy storage systems. Journal of Energy Storage, 2020, 32, 101823.	8.1	33
14	Credit Risk Theoretical Model on the Base of DCC-GARCH in Time-Varying Parameters Framework. Mathematics, 2021, 9, 2423.	2.2	31
15	Optimal multiâ€configuration and allocation of SVR, capacitor, centralised wind farm, and energy storage system: a multiâ€objective approach in a real distribution network. IET Renewable Power Generation, 2019, 13, 762-773.	3.1	30
16	A Forefront Framework for Sustainable Aquaponics Modeling and Design. Sustainability, 2021, 13, 9313.	3.2	30
17	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
18	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

#	Article	IF	Citations
19	A sustainable microgrid: A sustainability and management-oriented approach. Energy Procedia, 2019, 159, 160-167.	1.8	26
20	A Contemporary Novel Classification of Voltage Stability Indices. Applied Sciences (Switzerland), 2020, 10, 1639.	2.5	26
21	Low-Voltage Solid-State DC Breaker for Fault Protection Applications in Isolated DC Microgrid Cluster. Applied Sciences (Switzerland), 2019, 9, 723.	2.5	25
22	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
23	Green Building Efficiency and Sustainability Indicators. Advances in Civil and Industrial Engineering Book Series, 2020, , 128-145.	0.2	11
24	Development of renewable energy resources in Afghanistan for economically optimized cross-border electricity trading. AIMS Energy, 2017, 5, 691-717.	1.9	10
25	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
26	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
27	Voltage stability improvement by optimal active power and reactive power output control of storage battery system. , 2016, , .		9
28	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
29	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
30	Post-2000 Building Industry in Kabul City from Sustainability Perspective. Sustainability, 2021, 13, 7833.	3.2	4
31	Afghanistan as an emerging regional energy hub. Journal of Sustainability Outreach, 0, , 10-14.	0.3	4
32	Multi-Objective Design of Power System Introducing Seawater Electrolysis Plant for Remote Island. , 2018, , .		3
33	Voltage stability improvement by demand response. , 2017, , .		2
34	Torsional oscillation damping control for wind turbine generator under strong wind conditions. , 2016, , .		1
35	Development Russian Financial Markets: Evidence from Energy Companies from 1990 to 2020. Contributions To Management Science, 2021, , 39-50.	0.5	1
36	Contemporary Developments in Waste Water Treatment Technologies. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 196-219.	0.4	1

#	Article	IF	Citations
37	A Concise Overview of Energy Development Within Sustainability Requirements. , 2021, , 15-27.		1
38	Examining Causal Linkages for Sustainable Development. Advances in Environmental Engineering and Green Technologies Book Series, 2021, , 127-142.	0.4	0
39	Green Building Efficiency and Sustainability Indicators. , 2021, , 196-212.		0
40	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
41	Transients outrush current analysis and mitigation: A Case study of Afghanistan North East power system. AIMS Energy, 2019, 7, 493-506.	1.9	0
42	Energy and Environment Efficiencies Towards Contributing to Global Sustainability. , 2021, , 1-13.		0
43	Evaluation of the Hypothesis of Nonlinear Relationship between Finance and Energy Investment. , 2022, , 99-112.		0