

# Md. Alamgir Hossain

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2099166/publications.pdf>

Version: 2024-02-01

41  
papers

1,670  
citations

393982

19  
h-index

454577

30  
g-index

43  
all docs

43  
docs citations

43  
times ranked

1420  
citing authors

#	ARTICLE	IF	CITATIONS
1	Modified PSO algorithm for real-time energy management in grid-connected microgrids. Renewable Energy, 2019, 136, 746-757.	4.3	213
2	Evolution of microgrids with converter-interfaced generations: Challenges and opportunities. International Journal of Electrical Power and Energy Systems, 2019, 109, 160-186.	3.3	206
3	Overview of AC Microgrid Controls with Inverter-Interfaced Generations. Energies, 2017, 10, 1300.	1.6	151
4	Exploration and corrective measures of greenhouse gas emission from fossil fuel power stations for Bangladesh. Journal of Cleaner Production, 2020, 244, 118645.	4.6	145
5	Feasibility assessment & design of hybrid renewable energy based electric vehicle charging station in Bangladesh. Sustainable Cities and Society, 2018, 39, 189-202.	5.1	116
6	Energy scheduling of community microgrid with battery cost using particle swarm optimisation. Applied Energy, 2019, 254, 113723.	5.1	110
7	Energy management of community microgrids considering degradation cost of battery. Journal of Energy Storage, 2019, 22, 257-269.	3.9	90
8	Feasibility and techno-economic analysis of stand-alone and grid-connected PV/Wind/Diesel/Batt hybrid energy system: A case study. Energy Strategy Reviews, 2021, 37, 100673.	3.3	86
9	Very short-term forecasting of wind power generation using hybrid deep learning model. Journal of Cleaner Production, 2021, 296, 126564.	4.6	75
10	Energy management of community energy storage in grid-connected microgrid under uncertain real-time prices. Sustainable Cities and Society, 2021, 66, 102658.	5.1	56
11	Techno-Economic and Power System Optimization of a Renewable Rich Islanded Microgrid Considering Different Dispatch Strategies. IEEE Access, 2021, 9, 77325-77340.	2.6	43
12	An improved gaining-sharing knowledge algorithm for parameter extraction of photovoltaic models. Energy Conversion and Management, 2021, 237, 114030.	4.4	39
13	Analysis of Using Biogas Resources for Electric Vehicle Charging in Bangladesh: A Techno-Economic-Environmental Perspective. Sustainability, 2020, 12, 2579.	1.6	37
14	Active power management in a low-voltage islanded microgrid. International Journal of Electrical Power and Energy Systems, 2018, 98, 36-47.	3.3	34
15	DC-link voltage regulation of inverters to enhance microgrid stability during network contingencies. Electric Power Systems Research, 2017, 147, 233-244.	2.1	33
16	Predicting Wind Power Generation Using Hybrid Deep Learning With Optimization. IEEE Transactions on Applied Superconductivity, 2021, 31, 1-5.	1.1	32
17	Intelligent energy management: Evolving developments, current challenges, and research directions for sustainable future. Journal of Cleaner Production, 2021, 314, 127904.	4.6	24
18	A comparative analysis to forecast carbon dioxide emissions. Energy Reports, 2022, 8, 8046-8060.	2.5	24

#	ARTICLE	IF	CITATIONS
19	Development of Home Energy Management Scheme for a Smart Grid Community. <i>Energies</i> , 2020, 13, 4288.	1.6	22
20	High-Level Renewable Energy Integrated System Frequency Control with SMES-Based Optimized Fractional Order Controller. <i>Electronics (Switzerland)</i> , 2021, 10, 511.	1.8	16
21	Improved Load Frequency Control Using a Fast Acting Active Disturbance Rejection Controller. <i>Energies</i> , 2017, 10, 1718.	1.6	12
22	Protection of Inverter-based Distributed Generation with Series Dynamic Braking Resistor: A Variable Duty Control Approach. , 2018, , .		11
23	Optimal Operation of an Integrated Hybrid Renewable Energy System with Demand-Side Management in a Rural Context. <i>Energies</i> , 2022, 15, 5176.	1.6	11
24	Droop Control for islanded microgrids with compensating approach. , 2015, , .		10
25	Development of Cluster-Based Energy Management Scheme for Residential Usages in the Smart Grid Community. <i>Electronics (Switzerland)</i> , 2020, 9, 1462.	1.8	8
26	Effective power sharing approach for islanded microgrids. , 2015, , .		7
27	Real-time Battery Energy Management for Residential Solar Power System. <i>IFAC-PapersOnLine</i> , 2019, 52, 407-412.	0.5	7
28	Optimal Placement of Reclosers in a Radial Distribution System for Reliability Improvement. <i>Electronics (Switzerland)</i> , 2021, 10, 3182.	1.8	7
29	Frequency Stabilization of AC Microgrid Clusters: An Efficient Fractional Order Supercapacitor Controller Approach. <i>Energies</i> , 2022, 15, 5179.	1.6	7
30	Proportional reactive power sharing for islanded microgrids. , 2016, , .		6
31	Forecasting Daily Electricity Price by Hybrid Model of Fractional Wavelet Transform, Feature Selection, Support Vector Machine and Optimization Algorithm. <i>Electronics (Switzerland)</i> , 2021, 10, 2214.	1.8	6
32	Active power control in an islanded microgrid using DC link voltage status. , 2015, , .		5
33	Primary voltage control of a single-phase inverter using linear quadratic regulator with integrator. , 2015, , .		5
34	Study and protection of lightning overvoltage on DC cables of solar power generation. , 2014, , .		3
35	Nonlinear Output Feedback Droop Control for Parallel Inverters in Standalone Microgrids. , 2019, , .		3
36	Techno-Economic and Environmental Assessment of the Hybrid Energy System Considering Electric and Thermal Loads. <i>Electronics (Switzerland)</i> , 2021, 10, 3136.	1.8	3

#	ARTICLE	IF	CITATIONS
37	Optimal Energy Scheduling of Residential Building with Battery Cost. , 2019, , .		2
38	Over-voltage limiter of an inverter to improve microgrid reliability during unpredictable cases. , 2016, , .		1
39	Modeling and Simulation of Inverter based Distributed Generators for Renewable Energy Integration. IFAC-PapersOnLine, 2019, 52, 30-35.	0.5	1
40	Optimal feedback path selection for interconnected power systems using load frequency control strategy. IET Generation, Transmission and Distribution, 2021, 15, 619-630.	1.4	1
41	Comparative Analysis of Energy Management for Community Microgrids. , 2019, , .		0