

Navid Mousavi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

359
citations

932766

10
h-index

1281420

11
g-index

12
all docs

12
docs citations

12
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Optimal allocation of distributed energy storage systems to improve performance and power quality of distribution networks. Applied Energy, 2019, 252, 113468.	5.1	81
2	Optimal sizing design and operation of electrical and thermal energy storage systems in smart buildings. Journal of Energy Storage, 2020, 28, 101186.	3.9	68
3	An improved mathematical model for a pumped hydro storage system considering electrical, mechanical, and hydraulic losses. Applied Energy, 2019, 247, 228-236.	5.1	43
4	A novel photovoltaic-pumped hydro storage microgrid applicable to rural areas. Applied Energy, 2020, 262, 114284.	5.1	42
5	An optimal allocation and sizing strategy of distributed energy storage systems to improve performance of distribution networks. Journal of Energy Storage, 2019, 26, 100847.	3.9	35
6	Optimal sizing of a utility-scale energy storage system in transmission networks to improve frequency response. Journal of Energy Storage, 2020, 29, 101315.	3.9	28
7	Modelling, design, and experimental validation of a grid-connected farmhouse comprising a photovoltaic and a pumped hydro storage system. Energy Conversion and Management, 2020, 210, 112675.	4.4	21
8	Reduction EMI of BLDC Motor Drive Based on Software Analysis. Advances in Materials Science and Engineering, 2016, 2016, 1-9.	1.0	13
9	A real-time energy management strategy for pumped hydro storage systems in farmhouses. Journal of Energy Storage, 2020, 32, 101928.	3.9	12
10	The Design and Construction of a High Efficiency Satellite Electrical Power Supply System. Journal of Power Electronics, 2016, 16, 666-674.	0.9	11
11	Quantifying techno-economic indicators' impact on isolated renewable energy systems. IScience, 2021, 24, 102730.	1.9	5
12	Operational Cost reduction of PV-PHS systems in farmhouses: Modelling, Design, and Experimental validation. IOP Conference Series: Earth and Environmental Science, 2019, 322, 012011.	0.2	0