

Navid Mousavi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

359
citations

933264

10
h-index

1281743

11
g-index

12
all docs

12
docs citations

12
times ranked

392
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantifying techno-economic indicators' impact on isolated renewable energy systems. IScience, 2021, 24, 102730.	1.9	5
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	A real-time energy management strategy for pumped hydro storage systems in farmhouses. Journal of Energy Storage, 2020, 32, 101928.	3.9	12
4	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
5	A novel photovoltaic-pumped hydro storage microgrid applicable to rural areas. Applied Energy, 2020, 262, 114284.	5.1	42
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	Optimal allocation of distributed energy storage systems to improve performance and power quality of distribution networks. Applied Energy, 2019, 252, 113468.	5.1	81
8	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
9	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
10	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
11	Reduction EMI of BLDC Motor Drive Based on Software Analysis. Advances in Materials Science and Engineering, 2016, 2016, 1-9.	1.0	13
12	The Design and Construction of a High Efficiency Satellite Electrical Power Supply System. Journal of Power Electronics, 2016, 16, 666-674.	0.9	11