Hossam Salama

List of Publications by Year
in descending order

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23	341	840776 11	888059 17
papers	citations	h-index	g-index

23	23	23	116
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Enriching the stability of solar/wind DC microgrids using battery and superconducting magnetic energy storage based fuzzy logic control. Journal of Energy Storage, 2022, 45, 103751.	8.1	44
2	Comparison of different electric vehicle integration approaches in presence of photovoltaic and superconducting magnetic energy storage systems. Journal of Cleaner Production, 2020, 260, 121099.	9.3	30
3	Frequency and voltage control of microgrid with high WECS penetration during wind gusts using superconducting magnetic energy storage. Electrical Engineering, 2019, 101, 771-786.	2.0	26
4	Integration of PV system with SMES based on model predictive control for utility grid reliability improvement. Protection and Control of Modern Power Systems, 2021, 6, .	7.5	26
5	Studying Impacts of Electric Vehicle Functionalities in Wind Energy-Powered Utility Grids With Energy Storage Device. IEEE Access, 2021, 9, 45754-45769.	4.2	26
6	Voltage stability indicesâ€“A comparison and a review. Computers and Electrical Engineering, 2022, 98, 107743.	4.8	22
7	A Developed Voltage Control Strategy for Unbalanced Distribution System During Wind Speed Gusts Using SMES. Energy Procedia, 2016, 100, 271-279.	1.8	21
8	A combination of an OTC based MPPT and fuzzy logic current control for a wind-driven PMSG under variability of wind speed. Energy Systems, 2022, 13, 1075-1098.	3.0	19
9	Design and implementation of FLC system for fault ride-through capability enhancement in PMSG-wind systems. Wind Engineering, 2021, 45, 1361-1373.	1.9	18
10	A robust SMES controller strategy for mitigating power and voltage fluctuations of grid-connected hybrid PVâ€“wind generation systems. Electrical Engineering, 2019, 101, 1019-1032.	2.0	14
11	Adaptive Coordination Strategy Based on Fuzzy Control for Electric Vehicles and Superconducting Magnetic Energy Storageâ€”Towards Reliably Operating Utility Grids. IEEE Access, 2021, 9, 61662-61670.	4.2	12
12	Virtual inertia emulation through virtual synchronous generator based superconducting magnetic energy storage in modern power system. Journal of Energy Storage, 2021, 44, 103466.	8.1	12
13	Impact of Different Plug-in Electric Vehicle Categories on Distribution Systems. , 2019, , .		11
14	Dynamic evaluation of optimization techniquesâ€“based proportionalâ€“integral controller for wind-driven permanent magnet synchronous generator. Wind Engineering, 2021, 45, 696-709.	1.9	11
15	Voltage and Frequency Control of Balanced/Unbalanced Distribution System Using the SMES System in the Presence of Wind Energy. Electricity, 2021, 2, 205-224.	2.8	11
16	Power control of fluctuating wind/PV generations in an isolated Microgrid based on superconducting magnetic energy storage. , 2016, , .		9
17	Development energy management strategy of SMES-based Microgrid for stable islanding transition. , 2016, , .		9
18	The Role of Hybrid Batteryâ€“SMES Energy Storage in Enriching the Permanence of PVâ€“Wind DC Microgrids: A Case Study. Eng, 2022, 3, 207-223.	2.4	8

#	Article	IF	Citations
19	Voltage/Frequency Control of Isolated Unbalanced Radial Distribution System Fed from Intermittent Wind/PV Power Using Fuzzy Logic Controlled-SMES. , 2019, , .		3
20	Application of controlled SMES with Integrating PV System and Electric Vehicles into Power System. , 2019, , .		3
21	Power System Improvement of Different Coordinated Electric Vehicles Integration Approaches with Superconducting Magnetic Energy Storage. International Review of Electrical Engineering, 2019, 14, 407.	0.2	3
22	Mitigation of pulsed power load effect on power system using FLC-SMES. Energy Reports, 2022, 8, 463-471.	5.1	2
23	Amelioration the Stability of Power System Coupled with SCIG and PMSG Using Controlled-SMES. , 2020, , .		1