

Mohamed A El-Hameed

List of Publications by Year in descending order

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all docs

26
docs citations

26
times ranked

798
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient frequency controllers for autonomous two-area hybrid microgrid system using social-spider optimiser. IET Generation, Transmission and Distribution, 2017, 11, 637-648.	1.4	163
2	Effective parameters TM identification for polymer electrolyte membrane fuel cell models using grey wolf optimizer. Renewable Energy, 2017, 111, 455-462.	4.3	140
3	Parameter extraction of photovoltaic generating units using multi-verse optimizer. Sustainable Energy Technologies and Assessments, 2016, 17, 68-76.	1.7	87
4	Optimal techno-economic design of hybrid PV/wind system comprising battery energy storage: Case study for a remote area. Energy Conversion and Management, 2021, 249, 114847.	4.4	70
5	Optimized Parameters of SOFC for steady state and transient simulations using interior search algorithm. Energy, 2019, 166, 451-461.	4.5	63
6	Water cycle algorithm-based load frequency controller for interconnected power systems comprising non-linearity. IET Generation, Transmission and Distribution, 2016, 10, 3950-3961.	1.4	60
7	Steady-state and dynamic models of solid oxide fuel cells based on Satin Bowerbird Optimizer. International Journal of Hydrogen Energy, 2018, 43, 14751-14761.	3.8	60
8	Three-diode model for characterization of industrial solar generating units using Manta-rays foraging optimizer: Analysis and validations. Energy Conversion and Management, 2020, 219, 113048.	4.4	46
9	Computational Methods for Optimal Planning of Hybrid Renewable Microgrids: A Comprehensive Review and Challenges. Archives of Computational Methods in Engineering, 2020, 27, 1297-1319.	6.0	45
10	Harmonic analysis of hybrid renewable microgrids comprising optimal design of passive filters and uncertainties. Electric Power Systems Research, 2018, 163, 491-501.	2.1	39
11	Water cycle algorithm-based economic dispatcher for sequential and simultaneous objectives including practical constraints. Applied Soft Computing Journal, 2017, 58, 145-154.	4.1	37
12	Performance enhancement of autonomous system comprising proton exchange membrane fuel cells and switched reluctance motor. Energy, 2018, 163, 699-711.	4.5	28
13	Efficient frequency regulation in highly penetrated power systems by renewable energy sources using stochastic fractal optimiser. IET Renewable Power Generation, 2019, 13, 2174-2183.	1.7	26
14	Improved performance of PEM fuel cells stack feeding switched reluctance motor using multi-objective dragonfly optimizer. Neural Computing and Applications, 2019, 31, 6909-6924.	3.2	19
15	Artificial ecosystem-based optimiser to electrically characterise PV generating systems under various operating conditions reinforced by experimental validations. IET Renewable Power Generation, 2021, 15, 701-715.	1.7	17
16	Effective damping of local low frequency oscillations in power systems integrated with bulk PV generation. Protection and Control of Modern Power Systems, 2021, 6, .	4.3	12
17	Model parameters extraction of solid oxide fuel cells based on semi-empirical and memory-based chameleon swarm algorithm. International Journal of Energy Research, 2021, 45, 21435-21450.	2.2	10
18	Optimal feed-water level control for steam generator in nuclear power plant based on meta-heuristic optimization. Journal of Radiation Research and Applied Sciences, 2020, 13, 468-484.	0.7	7

#	ARTICLE	IF	CITATIONS
19	Antlion optimizer for effective integration of distributed generation in radial electrical distribution networks. , 2017, , .		3
20	Braking of Three Phase Induction Motors by Controlling Applied Voltage and Frequency Based on Particle Swarm Optimization Technique. International Review of Automatic Control, 2015, 8, 106.	0.2	2
21	Real Time Embedded Target Detection and Warning System. Journal of Physics: Conference Series, 2020, 1454, 012007.	0.3	1
22	Neuro-Genetic Adaptive Optimal Controller for DC Motor. International Journal of Power Electronics and Drive Systems, 2014, 4, .	0.5	1
23	Braking of Three Phase Induction Motors by Controlling Applied Voltage and Frequency Based on Particle Swarm Optimization Technique. International Journal of Power Electronics and Drive Systems, 2015, 5, 520.	0.5	1
24	Effect of antlion optimized facts to enhance three phase induction motor dynamic performance. , 2017, , .		0
25	Single and Multi-Objective Optimal Allocation of Multi-Type Distributed Generators in Radial Distribution Networks Using Water Cycle Algorithm. , 2019, , .		0
26	Efficient Sensorless Speed Control of Induction Motors Using Hybrid Grey Wolf Optimizer and Neural Network. International Review of Automatic Control, 2016, 9, 55.	0.2	0