

Mahmoud M Elkholy

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Synergy of electrostatic discharge optimizer and experimental verification for parameters estimation of three phase induction motors. <i>Engineering Science and Technology, an International Journal</i> , 2022, 31, 101067.	2.0	2
2	Over-Current Relays Coordination Including Practical Constraints and DGs: Damage Curves, Inrush, and Starting Currents. <i>Sustainability</i> , 2022, 14, 2761.	1.6	4
3	Computational Techniques Based on Artificial Intelligence for Extracting Optimal Parameters of PEMFCs: Survey and Insights. <i>Archives of Computational Methods in Engineering</i> , 2022, 29, 3943-3972.	6.0	20
4	Honey badger optimizer for extracting the ungiven parameters of PEMFC model: Steady-state assessment. <i>Energy Conversion and Management</i> , 2022, 258, 115521.	4.4	29
5	Artificial ecosystem-based optimiser to electrically characterise PV generating systems under various operating conditions reinforced by experimental validations. <i>IET Renewable Power Generation</i> , 2021, 15, 701-715.	1.7	17
6	Slime mould algorithm constrained by the relay operating time for optimal coordination of directional overcurrent relays using multiple standardized tripping curves. <i>Neural Computing and Applications</i> , 2021, 33, 11875-11887.	3.2	21
7	Soft Computing Methods for Attaining the Protective Device Coordination Including Renewable Energies: Review and Prospective. <i>Archives of Computational Methods in Engineering</i> , 2021, 28, 4383-4404.	6.0	12
8	Effective damping of local low frequency oscillations in power systems integrated with bulk PV generation. <i>Protection and Control of Modern Power Systems</i> , 2021, 6, .	4.3	12
9	Efficient dynamic performance of brushless DC motor using soft computing approaches. <i>Neural Computing and Applications</i> , 2020, 32, 6041-6054.	3.2	10
10	Three-diode model for characterization of industrial solar generating units using Manta-rays foraging optimizer: Analysis and validations. <i>Energy Conversion and Management</i> , 2020, 219, 113048.	4.4	46
11	Open gate fault diagnosis and tolerant for voltage source inverter fed speed sensorless induction motor drive. <i>International Journal of Electronics</i> , 2020, 107, 1754-1772.	0.9	3
12	Optimal energy saving of doubly fed induction motor based on scalar rotor voltage control and water cycle algorithm. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2019, 38, 793-814.	0.5	7
13	Efficient frequency regulation in highly penetrated power systems by renewable energy sources using stochastic fractal optimiser. <i>IET Renewable Power Generation</i> , 2019, 13, 2174-2183.	1.7	26
14	Optimal dynamic and steady-state performance of switched reluctance motor using water cycle algorithm. <i>IEEJ Transactions on Electrical and Electronic Engineering</i> , 2018, 13, 882-890.	0.8	11
15	Steady state and dynamic performance of self-excited induction generator using FACTS controller and teaching learning-based optimization algorithm. <i>COMPEL - the International Journal for Computation and Mathematics in Electrical and Electronic Engineering</i> , 2018, 37, 77-97.	0.5	6
16	Harmonic analysis of hybrid renewable microgrids comprising optimal design of passive filters and uncertainties. <i>Electric Power Systems Research</i> , 2018, 163, 491-501.	2.1	39
17	Effect of antlion optimized facts to enhance three phase induction motor dynamic performance. , 2017, , .		0
18	Parameter estimation of lithium-ion batteries dynamic model based on water cycle algorithm. , 2017, , .		1

#	ARTICLE	IF	CITATIONS
19	Optimal energy saving for variable speed single phase induction motor drives. , 2017, , .		1
20	Adaptive MPPT for PV systems under partial shadow condition and different loads using advanced optimization techniques. , 2017, , .		4
21	Optimization of a PV fed water pumping system without storage based on teaching-learning-based optimization algorithm and artificial neural network. Solar Energy, 2016, 139, 199-212.	2.9	33
22	Minimization of Starting Energy Loss of Three Phase Induction Motors Based on Particle Swarm Optimization and Neuro Fuzzy Network. International Journal of Power Electronics and Drive Systems, 2016, 7, 1038.	0.5	4
23	Efficient Operation of Wind Turbine with Doubly Fed Induction Generator Using TLBO Algorithm and Artificial Neural Networks. International Review on Modelling and Simulations, 2016, 9, 464.	0.2	4
24	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
25	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
26	Neuro-Genetic Adaptive Optimal Controller for DC Motor. International Journal of Power Electronics and Drive Systems, 2014, 4, .	0.5	1
27	Optimum performance characteristics of doubly fed induction motors using field oriented control. Energy Conversion and Management, 2002, 43, 3-13.	4.4	10
28	Proposed torque optimized behavior for digital speed control of induction motors. Energy Conversion and Management, 2002, 43, 1675-1688.	4.4	7