

Ali S Alghamdi

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A New Self-Adaptive Teachingâ€“Learning-Based Optimization with Different Distributions for Optimal Reactive Power Control in Power Networks. <i>Energies</i> , 2022, 15, 2759.	3.1	11
2	Greedy Sine-Cosine Non-Hierarchical Grey Wolf Optimizer for Solving Non-Convex Economic Load Dispatch Problems. <i>Energies</i> , 2022, 15, 3904.	3.1	11
3	A Hybrid Fireflyâ€“JAYA Algorithm for the Optimal Power Flow Problem Considering Wind and Solar Power Generations. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 7193.	2.5	18
4	Sensorless control for <scp>PMSM</scp> using model reference adaptive system. <i>International Transactions on Electrical Energy Systems</i> , 2021, 31, e12733.	1.9	12
5	Multi-Objective Energy Management of a Micro-Grid Considering Stochastic Nature of Load and Renewable Energy Resources. <i>Electronics (Switzerland)</i> , 2021, 10, 403.	3.1	41
6	MPPT of Permanent Magnet Synchronous Generator in Tidal Energy Systems Using Support Vector Regression. <i>Sustainability</i> , 2021, 13, 2223.	3.2	10
7	Performance Enhancement of Roof-Mounted Photovoltaic System: Artificial Neural Network Optimization of Ground Coverage Ratio. <i>Energies</i> , 2021, 14, 1537.	3.1	5
8	Economic and Ecological Design of Hybrid Renewable Energy Systems Based on a Developed IWO/BSA Algorithm. <i>Electronics (Switzerland)</i> , 2021, 10, 687.	3.1	16
9	Optimal Design of an Isolated Hybrid Microgrid for Enhanced Deployment of Renewable Energy Sources in Saudi Arabia. <i>Sustainability</i> , 2021, 13, 4708.	3.2	38
10	Efficient video transmissionâ€“a critical review of various protocols and strategies. <i>Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an</i> , 2021, 44, 740-750.	1.1	1
11	Optimal integration of capacitor and PV in distribution network based on nomadic people optimizer. <i>Indonesian Journal of Electrical Engineering and Computer Science</i> , 2021, 23, 1237.	0.8	0
12	A Compact Sequentially Rotated Circularly Polarized Dielectric Resonator Antenna Array. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8779.	2.5	6
13	Liquid Metal Antennas: Materials, Fabrication and Applications. <i>Sensors</i> , 2020, 20, 177.	3.8	57
14	A Sensorless Wind Speed and Rotor Position Control of PMSG in Wind Power Generation Systems. <i>Sustainability</i> , 2020, 12, 8481.	3.2	10
15	Energy-Saving of Battery Electric Vehicle Powertrain and Efficiency Improvement during Different Standard Driving Cycles. <i>Sustainability</i> , 2020, 12, 10466.	3.2	19
16	Unscented Kalman Filter for Indoor Bluetooth Voice Transmission Interference over Non-Gaussian Fading Channel. , 2020, , .		0
17	Swarm Intelligence-Based Optimization Techniques for Dynamic Response and Power Quality Enhancement of AC Microgrids: A Comprehensive Review. <i>IEEE Access</i> , 2020, 8, 75986-76001.	4.2	42
18	Hybrid control of a multiâ€“area multiâ€“machine power system with FACTS devices using nonâ€“linear modelling. <i>IET Generation, Transmission and Distribution</i> , 2020, 14, 1993-2003.	2.5	9

#	ARTICLE	IF	CITATIONS
19	A New Single-Phase Direct Frequency Controller Having Reduced Switching Count without Zero-Crossing Detector for Induction Heating System. <i>Electronics (Switzerland)</i> , 2020, 9, 430.	3.1	9
20	Optimal Placement of DGs in Distribution System Using an Improved Harris Hawks Optimizer Based on Single- and Multi-Objective Approaches. <i>IEEE Access</i> , 2020, 8, 52815-52829.	4.2	103
21	Micro-Grid Dynamic Economic Dispatch with Renewable Energy Resources Using Equilibrium Optimizer. , 2020, , .		5
22	Optimal Design of a Grid-Connected Hybrid Photovoltaic/Wind/Fuel Cell System. , 2020, , .		1
23	Design of State Feedback Current Controller for Fast Synchronization of DFIG in Wind Power Generation Systems. <i>Energies</i> , 2019, 12, 2427.	3.1	25
24	Ethernet-Based Fault Diagnosis and Control in Smart Grid: A Stochastic Analysis via Markovian Model Checking. <i>Journal of Electrical Engineering and Technology</i> , 2019, 14, 2289-2300.	2.0	8
25	Optimum Resilient Operation and Control DC Microgrid Based Electric Vehicles Charging Station Powered by Renewable Energy Sources. <i>Energies</i> , 2019, 12, 4240.	3.1	40
26	Design a Universal Remote Controlled Thermostat Based on FPGA. , 2019, , .		0
27	Facile Microemulsion Synthesis of Vanadium-Doped ZnO Nanoparticles to Analyze the Compositional, Optical, and Electronic Properties. <i>Materials</i> , 2019, 12, 821.	2.9	19
28	The Use of Arabic Vowels to Model the Pathological Effect of Influenza Disease by Wavelets. <i>Computational and Mathematical Methods in Medicine</i> , 2019, 2019, 1-8.	1.3	2
29	Salp Swarm Optimization Algorithm-Based Fractional Order PID Controller for Dynamic Response and Stability Enhancement of an Automatic Voltage Regulator System. <i>Electronics (Switzerland)</i> , 2019, 8, 1472.	3.1	75