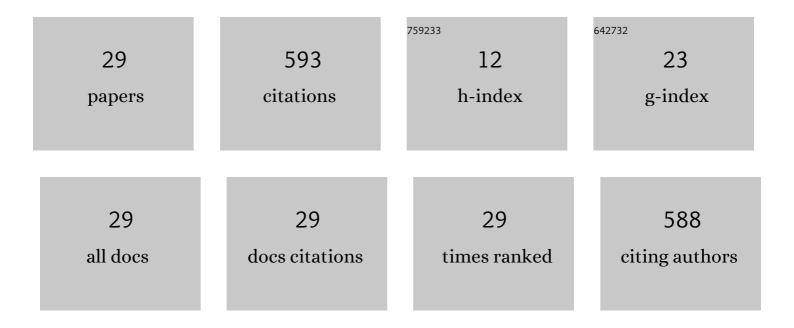
Ali S Alghamdi

List of Publications by Year in descending order

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

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#	Article	IF	CITATIONS
19	A New Single-Phase Direct Frequency Controller Having Reduced Switching Count without Zero-Crossing Detector for Induction Heating System. Electronics (Switzerland), 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. IEEE Access, 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. Energies, 2019, 12, 2427.	3.1	25
24	Ethernet-Based Fault Diagnosis and Control in Smart Grid: A Stochastic Analysis via Markovian Model Checking. Journal of Electrical Engineering and Technology, 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. Energies, 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. Materials, 2019, 12, 821.	2.9	19
28	The Use of Arabic Vowels to Model the Pathological Effect of Influenza Disease by Wavelets. Computational and Mathematical Methods in Medicine, 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. Electronics (Switzerland), 2019, 8, 1472.	3.1	75