Khaled M Abo-Al-Ez

List of Publications by Year
in descending order

20	377	933264	996849
papers	citations	10	15
		h-index	g-index

20	20	20	499
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A data mining based load forecasting strategy for smart electrical grids. Advanced Engineering Informatics, 2016, 30, 422-448.	4.0	71
2	A hybrid neuro-fuzzy power prediction system for wind energy generation. International Journal of Electrical Power and Energy Systems, 2016, 74, 384-395.	3.3	66
3	Harmonic Source Detection Methods: A Systematic Literature Review. IEEE Access, 2019, 7, 74283-74299.	2.6	54
4	A Reliable Routing Protocol for Vehicular Ad hoc Networks. Computers and Electrical Engineering, 2017, 64, 473-495.	3.0	32
5	Application of nonlinear model predictive control based on swarm optimization in power systems optimal operation with wind resources. Electric Power Systems Research, 2017, 143, 415-430.	2.1	28
6	Probabilistic power quality indices for electric grids with increased penetration level of wind power generation. International Journal of Electrical Power and Energy Systems, 2016, 77, 50-58.	3.3	23
7	A Multi-Aware Query Driven (MAQD) routing protocol for mobile wireless sensor networks based on neuro-fuzzy inference. Journal of Network and Computer Applications, 2017, 88, 72-98.	5.8	21
8	A Dual-loop Model Predictive Voltage Control/Sliding-mode Current Control for Voltage Source Inverter Operation in Smart Microgrids. Electric Power Components and Systems, 2014, 42, 348-360.	1.0	18
9	A FACTS based Dynamic Capacitor Scheme for Voltage Compensation and Power Quality Enhancement. , 2006, , .		13
10	A proposed framework for dynamic modelling of photovoltaic systems for DG applications. International Journal of Ambient Energy, 2011, 32, 2-17.	1.4	11
11	A systematic review to aligning research paths: Energy cyber-physical systems. Cogent Engineering, 2019, 6, .	1.1	10
12	A proposed dynamic model of Photovoltaic-DG system. , 2010, , .		9
13	A Proposed Harmonic Monitoring System for Large Power Users Considering Harmonic Limits. Energies, 2020, 13, 4507.	1.6	7
14	On Increasing the Energy Efficiency of Wireless Rechargeable Sensor Networks for Cyber-Physical Systems. Energies, 2022, 15, 1204.	1.6	6
15	A Gen-Fuzzy Based Strategy (GFBS) for Web Service Classification. Wireless Personal Communications, 2020, 113, 1917-1953.	1.8	3
16	Modelling and adaptive control of a wind turbine for smart grid applications. , 2015, , .		2
17	Performance Analysis of Maximum Power Point Tracking (MPPT) for PV Systems Under Real Meteorological Conditions. Green Energy and Technology, 2020, , 199-228.	0.4	2
18	Energy management in a cloud-based cyber-physical system. IET Cyber-Physical Systems: Theory and Applications, 2021, 6, 93-103.	1.9	1

#	Article	IF	Citations
19	Harmonic Source Detection for an Industrial Mining Network with Hybrid Wind and Solar Energy Systems. Green Energy and Technology, 2021, , 153-192.	0.4	0
20	Applications, Challenges and Future Trends towards Enabling Internet of Things for Smart Energy Systems. , 2022, , .		0