Abraham Lomi

List of Publications by Year
in descending order

21	160	1937685	1474206
papers	citations	4	9
		h-index	g-index
22	22	22	120
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Power flow model with flat frequency control and load characteristic for voltage stability indices. Journal of Physics: Conference Series, 2020, 1457, 012002.	0.4	0
2	A Numerically Robust Sequential Linear Programming Algorithm for Reactive Power Optimization. E3S Web of Conferences, 2020, 188, 00002.	0.5	1
3	A Balanced Operation of Static VAR Compensator for Voltage Stability Improvement and Harmonic Minimization. International Journal of Emerging Electric Power Systems, 2018, 19, .	0.8	2
4	Analysis of the Frequency and Voltage Changes While Load Shedding in the Multimachine System. , 2018, , .		1
5	Optimization Design Suite for Expandable Micro-Grid Clusters. , 2018, , .		0
6	Impact of load shedding on frequency and voltage system. , 2017, , .		16
7	Dynamic stability modified IEEE 3 generator 9 bus with 50 MW power injection of generator XY. , 2017, , .		2
8	Dynamic droop control in microgrid for stability enhancement considering RES variation. , 2017, , .		2
9	Implementation of Expert System for Power System Voltage Stability Improvement. International Journal of Electrical Energy, 2017, 5, 65-70.	0.4	1
10	Implementation of optimization technique on the embedded systems and wireless sensor networks for home energy management in smart grid. , 2016, , .		4
11	Solar Simulator Using Halogen Lamp for PV Research. Lecture Notes in Electrical Engineering, 2016, , 239-245.	0.4	6
12	The Role of Renewable Energy: Sumba Iconic Island, an Implementation of 100 Percent Renewable Energy by 2020. Lecture Notes in Electrical Engineering, 2016, , 173-184.	0.4	1
13	Development of PV simulator by integrating software and hardware for laboratory testing. , 2015, , .		1
14	Smart Grid Testbed using SCADA Software and Xbee Wireless Communication. International Journal of Advanced Computer Science and Applications, 2015, 6, .	0.7	2
15	Web-SCADA for Monitoring and Controlling Hybrid Wind-PV Power System. Telkomnika (Telecommunication Computing Electronics and Control), 2014, 12, 305.	0.8	0
16	Artificial neural network-based harmonics extraction algorithm for shunt active power filter control. International Journal of Power Electronics, 2012, 4, 273.	0.2	4
17	Optimum Reactive Power Dispatch for Alleviation of Voltage Deviations. Telkomnika (Telecommunication Computing Electronics and Control), 2012, 10, 257.	0.8	6
18	Modeling of Maximum Power Point Tracking Controller for Solar Power System. Telkomnika (Telecommunication Computing Electronics and Control), 2012, 10, 419.	0.8	6

#	Article	IF	Citations
19	Modeling of wind energy system with MPPT control. , 2011, , .		48
20	Application of distributed generation to enhance loadability of distribution system, a case study. , 2009, , .		3
21	Selection of static VAR compensator location and size for system voltage stability improvement. Electric Power Systems Research, 2000, 54, 139-150.	3.6	54