Dalina Johari

List of Publications by Year
in descending order

23 papers	**180** citations	1937685 **4** h-index	2053705 **5** g-index
23 all docs	**23** docs citations	**23** times ranked	**145** citing authors

#	Article	IF	Citations
1	Fuzzy logic controller on DC/DC boost converter. , 2010, , .		42
2	Artificial neural network (ANN) application in dissolved gas analysis (DGA) methods for the detection of incipient faults in oil-filled power transformer. , 2012, , .		21
3	Electric Field Signatures in Wideband, 3 MHz and 30 MHz of Negative Ground Flashes Pertinent to Swedish Thunderstorms. Atmosphere, 2015, 6, 1904-1925.	2.3	15
4	Artificial Neural Network Based Technique for Lightning Prediction. , 2007, , .		12
5	Artificial neural network-based forecast for electricity consumption in Malaysia. , 2010, , .		12
6	Comparative study of Fuzzy Logic controller and Proportional Integral Derivative controller on DC-DC Buck Converter. , 2010, , .		11
7	Features of the first and the subsequent return strokes in positive ground flashes based on electric field measurements. Electric Power Systems Research, 2017, 150, 55-62.	3.6	11
8	Characteristics of Preliminary Breakdown Pulses in Positive Ground Flashes during Summer Thunderstorms in Sweden. Atmosphere, 2016, 7, 39.	2.3	9
9	Thunderstorm forecasting by using artificial neural network. , 2011, , .		7
10	Modeling of power system dynamic devices incorporated in Dynamic Computation for Power Systems (DCPS) for transient stability analysis. , 2011, , .		7
11	Positive Cloud-to-Ground Lightning Observed in Shah Alam, Malaysia based on SAFIR 3000 Lightning Location System. , 2021, , .		7
12	On the Possible Origin of Chaotic Pulse Trains in Lightning Flashes. Atmosphere, 2017, 8, 29.	2.3	6
13	Optimized Artificial Neural Network for the detection of incipient faults in power transformer. , 2014, , .		4
14	Characteristics of leader pulses in positive ground flashes in Sweden. Electric Power Systems Research, 2017, 153, 3-9.	3.6	4
15	Reactive Power Planning for transmission loss minimization. , 2011, , .		3
16	The Taguchi- Artificial Neural Network approach for the detection of incipient faults in oil-filled power transformer. , 2013, , .		3
17	Chaotic pulse train in cloud-to-ground and cloud flashes of tropical thunderstorms. , 2014, , .		3
18	On the possible origin of chaotic pulse trains in lightning flashes. , 2015, , .		2

#	Article	IF	Citations
19	Single and Double PQ Disturbances Classification Based on Stockwell Transform and Support Vector Machine. , 2021, , .		1
20	Some characteristics of leader pulses in positive cloud-to-ground flashes. , 2015, , .		0
21	Development of Transmission Line Failure Rate Model using Polynomial Regression. International Journal of Engineering and Technology(UAE), 2018, 7, 91.	0.3	0
22	Comparative Study between Structure Bonding Method and Conventional Method for Lightning Protection System. International Journal of Advanced Trends in Computer Science and Engineering, 2019, 8, 352-355.	0.2	0
23	New deterministic initialization method for soft computing global optimization algorithms. Indonesian Journal of Electrical Engineering and Computer Science, 2020, 18, 1607.	0.8	0