Antonio Lima

List of Publications by Year in descending order

21 papers	496 citations	933447 10 h-index	794594 19 g-index
21 all docs	21 docs citations	21 times ranked	519 citing authors

#	Article	IF	Citations
1	Demand side management using artificial neural networks in a smart grid environment. Renewable and Sustainable Energy Reviews, 2015, 41, 128-133.	16.4	119
2	Tunable frequency selective surface using liquid substrates. Electronics Letters, 1994, 30, 281-282.	1.0	65
3	Kalman Filter-Trained Recurrent Neural Equalizers for Time-Varying Channels. IEEE Transactions on Communications, 2005, 53, 472-480.	7.8	65
4	Fabry-Perot approach to the design of double layer FSS. IET Microwaves Antennas and Propagation, 1996, 143, 157.	1.2	52
5	Typification of load curves for DSM in Brazil for a smart grid environment. International Journal of Electrical Power and Energy Systems, 2015, 67, 216-221.	5.5	36
6	Convoluted frequency-selective array elements derived from linear and crossed dipoles. IEE Proceedings H: Microwaves, Antennas and Propagation, 1993, 140, 378.	0.2	34
7	Criteria for smart grid deployment in Brazil by applying the Delphi method. Energy, 2014, 70, 605-611.	8.8	27
8	Design of Automatic Meter Reading based on Zigbee. IEEE Latin America Transactions, 2012, 10, 1150-1155.	1.6	20
9	Short-Term Electric Power Demand Forecasting Using NSGA II-ANFIS Model. Energies, 2019, 12, 1891.	3.1	20
10	Covariance management based RLS algorithm for phasor estimation in severely noisy systems. IEEE Transactions on Power Delivery, 1998, 13, 1067-1072.	4.3	15
11	A robust segmentation method for counting bovine milk somatic cells in microscope slide images. Computers and Electronics in Agriculture, 2015, 115, 142-149.	7.7	9
12	Narrow bandpass single layer frequency selective surfaces. Electronics Letters, 1993, 29, 710.	1.0	7
13	Parking spaces detection in indoor environments based on Zigbee. IEEE Latin America Transactions, 2012, 10, 1162-1167.	1.6	7
14	Circular microstrip antenna on a spherical surface. Microwave and Optical Technology Letters, 1992, 5, 221-224.	1.4	4
15	Time-varying channel neural equalisation using Gauss-Newton algorithm. Electronics Letters, 2010, 46, 1055.	1.0	4
16	Neural Equalizer for time varying channel Using Gauss-Newton training algorithm. , 2008, , .		3
17	Methodology for the calculation of the factor of priority for smart grid implantation using fuzzy logic. International Journal of Electrical Power and Energy Systems, 2016, 78, 563-568.	5.5	3
18	Impulsive Sound Detection Directly in Sigma-Delta Domain. Archives of Acoustics, 2017, 42, 255-261.	0.8	3

#	Article	IF	Citations
19	Rectangular microstrip antenna along a helical direction on a cylindrical substrate. Microwave and Optical Technology Letters, 1991, 4, 369-372.	1.4	1
20	Neural Equalizer Performance Evaluation Using Genetic Algorithm. IEEE Latin America Transactions, 2015, 13, 3439-3446.	1.6	1
21	A Novel Prony Approach for Synchronous Generator Parameter Estimation. Przeglad Elektrotechniczny, 2015, 1, 52-56.	0.2	1