Antonio Javier Sanchez Esguevillas

List of Publications by Year
in descending order

23 papers	1,261 citations	759233 12 h-index	839539 18 g-index
24 all docs	24 docs citations	24 times ranked	1516 citing authors

#	Article	IF	Citations
1	A Survey on Electric Power Demand Forecasting: Future Trends in Smart Grids, Microgrids and Smart Buildings. IEEE Communications Surveys and Tutorials, 2014, 16, 1460-1495.	39.4	387
2	Artificial neural networks for short-term load forecasting in microgrids environment. Energy, 2014, 75, 252-264.	8.8	170
3	A Study of the Relationship between Weather Variables and Electric Power Demand inside a Smart Grid/Smart World Framework. Sensors, 2012, 12, 11571-11591.	3.8	139
4	Short-Term Load Forecasting for Microgrids Based on Artificial Neural Networks. Energies, 2013, 6, 1385-1408.	3.1	121
5	Classification and Clustering of Electricity Demand Patterns in Industrial Parks. Energies, 2012, 5, 5215-5228.	3.1	92
6	Artificial Neural Network for Short-Term Load Forecasting in Distribution Systems. Energies, 2014, 7, 1576-1598.	3.1	86
7	A Semantic Autonomous Video Surveillance System for Dense Camera Networks in Smart Cities. Sensors, 2012, 12, 10407-10429.	3.8	48
8	Improved Short-Term Load Forecasting Based on Two-Stage Predictions with Artificial Neural Networks in a Microgrid Environment. Energies, 2013, 6, 4489-4507.	3.1	35
9	Experimental Analysis of the Input Variablesâ€™ Relevance to Forecast Next Dayâ€™s Aggregated Electric Demand Using Neural Networks. Energies, 2013, 6, 2927-2948.	3.1	31
10	Framework for intelligent service adaptation to user's context in next generation networks. , 2012, 50, 18-25.		30
11	Network Intrusion Detection Based on Extended RBF Neural Network With Offline Reinforcement Learning. IEEE Access, 2021, 9, 153153-153170.	4.2	30
12	An Intelligent Surveillance Platform for Large Metropolitan Areas with Dense Sensor Deployment. Sensors, 2013, 13, 7414-7442.	3.8	29
13	Performance Study of the Application of Artificial Neural Networks to the Completion and Prediction of Data Retrieved by Underwater Sensors. Sensors, 2012, 12, 1468-1481.	3.8	22
14	Integrating User-Generated Content and Pervasive Communications. IEEE Pervasive Computing, 2008, 7, 58-61.	1.3	10
15	Location-Aware Computing, Virtual Networks. IEEE Pervasive Computing, 2009, 8, 28-32.	1.3	5
16	IMS: The New Generation of Internet-Protocol-Based Multimedia Services. Proceedings of the IEEE, 2013, 101, 1860-1881.	21.3	5
17	IPv6 networks over DVB-RCS satellite systems. International Journal of Satellite Communications and Networking, 2008, 26, 45-56.	1.8	4
18	Management of service sessions in an NGN-SOA execution environment [Next-Generation Telco IT Architectures. , 2010, 48, 103-109.		4

#	Article	IF	Citations
19	Innovative DAMA algorithm for multimedia DVB-RCS system. Eurasip Journal on Wireless Communications and Networking, 2013, 2013, .	2.4	4
20	Improving teaching in engineering education: adjunct enterprise professors programme. Journal of Intelligent Manufacturing, 2013, 24, 495-499.	7.3	4
21	Deployment of contextual corporate telco services based on protocol adaptation in the NGN environment. , 2010, 48, 34-40.		2
22	Future convergent telecommunications services: creation, context, P2P, QoS, and charging [Guest Editorial]. , 2011, 49, 58-59.		2
23	Telecommunications technologies for energy efficiency supported by future networks. , 2012, 50, 12-15.		1