

Agustin Zaballos

List of Publications by Year in descending order

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49
papers

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610482

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49
all docs

49
docs citations

49
times ranked

584
citing authors

#	ARTICLE	IF	CITATIONS
1	Communication Technologies in Emergency Situations. Electronics (Switzerland), 2022, 11, 1155.	1.8	6
2	A Data-Driven Approach to Quantify and Measure Students's™ Engagement in Synchronous Virtual Learning Environments. Sensors, 2022, 22, 3294.	2.1	7
3	Automatic tutoring system to support cross-disciplinary training in Big Data. Journal of Supercomputing, 2021, 77, 1818-1852.	2.4	10
4	Adaptive and aggressive transport protocol to provide QoS in cloud data exchange over Long Fat Networks. Future Generation Computer Systems, 2021, 115, 34-44.	4.9	4
5	Wireless Loss Detection over Fairly Shared Heterogeneous Long Fat Networks. Electronics (Switzerland), 2021, 10, 987.	1.8	2
6	PyFF: A Fog-Based Flexible Architecture for Enabling Privacy-by-Design IoT-Based Communal Smart Environments. Sensors, 2021, 21, 3640.	2.1	5
7	A Heterogeneous Layer-Based Trustworthiness Model for Long Backhaul NVIS Challenging Networks and an IoT Telemetry Service for Antarctica. Sensors, 2021, 21, 3446.	2.1	3
8	SC-FDE Layer for Sensor Networks in Remote Areas Using NVIS Communications. Electronics (Switzerland), 2021, 10, 1636.	1.8	3
9	DTN Trustworthiness for Permafrost Telemetry IoT Network. Remote Sensing, 2021, 13, 4493.	1.8	4
10	A Smart Campus's™ Digital Twin for Sustainable Comfort Monitoring. Sustainability, 2020, 12, 9196.	1.6	76
11	An Integral Pedagogical Strategy for Teaching and Learning IoT Cybersecurity. Sensors, 2020, 20, 3970.	2.1	11
12	A Heuristic to Create Prosumer Community Groups in the Social Internet of Energy. Sensors, 2020, 20, 3704.	2.1	11
13	Heterogeneous wireless IoT architecture for natural disaster monitorization. Eurasip Journal on Wireless Communications and Networking, 2020, 2020, .	1.5	9
14	Social Internet of Energy's™ A New Paradigm for Demand Side Management. IEEE Internet of Things Journal, 2019, 6, 9853-9867.	5.5	18
15	Ontology-Defined Middleware for Internet of Things Architectures. Sensors, 2019, 19, 1163.	2.1	12
16	Master as a Service. , 2019, , .		4
17	Prototyping a Web-of-Energy Architecture for Smart Integration of Sensor Networks in Smart Grids Domain. Sensors, 2018, 18, 400.	2.1	16
18	A Custom Approach for a Flexible, Real-Time and Reliable Software Defined Utility. Sensors, 2018, 18, 718.	2.1	5

#	ARTICLE	IF	CITATIONS
19	Prototyping a Software Defined Utility. <i>Energies</i> , 2017, 10, 818.	1.6	8
20	Using IEC 61850 GOOSE Service for Adaptive ANSI 67/67N Protection in Ring Main Systems with Distributed Energy Resources. <i>Energies</i> , 2017, 10, 1685.	1.6	19
21	Resource Allocation on a Hybrid Cloud for Smart Grids. <i>Network Protocols and Algorithms</i> , 2016, 8, 7.	1.0	4
22	Security issues and threats that may affect the hybrid cloud of FINESCE. <i>Network Protocols and Algorithms</i> , 2016, 8, 26.	1.0	10
23	High Performance Web of Things Architecture for the Smart Grid Domain. <i>International Journal of Distributed Sensor Networks</i> , 2015, 11, 347413.	1.3	8
24	Smart Grid ICT Research Lines out of the European Project INTEGRIS. <i>Network Protocols and Algorithms</i> , 2014, 6, 93.	1.0	6
25	Sagittarius: A tool to enhance the collaboratibe work in virtual learning environments. , 2014, , .		2
26	Improving data partition schemes in Smart Grids via clustering data streams. <i>Expert Systems With Applications</i> , 2014, 41, 5832-5842.	4.4	31
27	The Information System of INTEGRIS: INTelligent Electrical GRId Sensor Communications. <i>IEEE Transactions on Industrial Informatics</i> , 2013, 9, 1548-1560.	7.2	20
28	Solutions to the Computer Networking Challenges of the Distribution Smart Grid. <i>IEEE Communications Letters</i> , 2013, 17, 588-591.	2.5	22
29	A Genetic QoS-Aware Routing Protocol for the Smart Electricity Networks. <i>International Journal of Distributed Sensor Networks</i> , 2013, 9, 135056.	1.3	11
30	Next-generation QoS control architectures for distribution smart grid communication networks. <i>IEEE Communications Magazine</i> , 2012, 50, 128-134.	4.9	28
31	Heterogeneous communication architecture for the smart grid. <i>IEEE Network</i> , 2011, 25, 30-37.	4.9	190
32	Optimizing the Usage of COPS Protocol in ITU-T NGN Architecture. , 2010, , .		1
33	Security in OPERA Specification Based PLC Systems. , 2010, , .		1
34	Issues of QoS Multipath Routing Protocol for SEN's Data Networks. , 2010, , .		1
35	QoS broker based management for heterogeneous Smart Electricity Networks. , 2010, , .		0
36	A Genetic-Based QoS Aware Routing for Ubiquitous Sensor Networks. , 2009, , .		3

#	ARTICLE	IF	CITATIONS
37	Survey and Performance Comparison of AMR Over PLC Standards. IEEE Transactions on Power Delivery, 2009, 24, 604-613.	2.9	51
38	QoS Broker based architecture design for the PLC access network. , 2009, , .		2
39	End-to-end QoS management proposal for the ITU-T IMS/NGN architecture. , 2008, , .		5
40	Implementation of Traffic Engineering in NGNs Using Hybrid Genetic Algorithms. , 2008, , .		1
41	Model for polling in noisy multihop systems with application to PLC and AMR. , 2008, , .		4
42	State of the Art of IPv6 Conformance and Interoperability Testing. , 2007, 45, 140-146.		18
43	Performance of a Policy-Based Management System in IPv6 Networks Using COPS-PR. , 2007, , .		5
44	Lessons Learned from Wireless Sensor Networks with Application to AMR and PLC. , 2007, , .		7
45	Simulation and modeling of the coexistence of polling and contention in PLC based AMR systems. , 2007, , .		6
46	Evaluation of a Policy-Based QoS Management Architecture over an IPv6 DiffServ testbed. , 2007, , .		5
47	A distributed vulnerability detection system for WLANs. , 2005, , .		4
48	Advanced HF Communications for Remote Sensors in Antarctica. , 0, , .		4
49	Web of Energy: hacia la integraci3n inteligente para las redes de sensores en Smart Grids. , 0, , .		0