Joan Navarro

List of Publications by Year in descending order

28 papers	303 citations	1040018 9 h-index	888047 17 g-index
28 all docs	28 docs citations	28 times ranked	316 citing authors

#	Article	IF	Citations
1	Role of Academics in Transferring Knowledge and Skills on Artificial Intelligence, Internet of Things and Edge Computing. Sensors, 2022, 22, 2496.	3.8	18
2	Communication Technologies in Emergency Situations. Electronics (Switzerland), 2022, 11, 1155.	3.1	6
3	A Data-Driven Approach to Quantify and Measure Students' Engagement in Synchronous Virtual Learning Environments. Sensors, 2022, 22, 3294.	3.8	7
4	Industrial Needs in the Fields of Artificial Intelligence, Internet of Things and Edge Computing. Sensors, 2022, 22, 4501.	3.8	9
5	Automatic tutoring system to support cross-disciplinary training in Big Data. Journal of Supercomputing, 2021, 77, 1818-1852.	3.6	10
6	PyFF: A Fog-Based Flexible Architecture for Enabling Privacy-by-Design IoT-Based Communal Smart Environments. Sensors, 2021, 21, 3640.	3.8	5
7	SC-FDE Layer for Sensor Networks in Remote Areas Using NVIS Communications. Electronics (Switzerland), 2021, 10, 1636.	3.1	3
8	Multilabel Acoustic Event Classification Using Real-World Urban Data and Physical Redundancy of Sensors. Sensors, 2021, 21, 7470.	3.8	8
9	Improving classification accuracy of acoustic real-world urban data using sensors physical redundancy. , 2021, , .		0
10	Low-Cost Distributed Acoustic Sensor Network for Real-Time Urban Sound Monitoring. Electronics (Switzerland), 2020, 9, 2119.	3.1	11
11	A two-stage approach to automatically detect and classify woodpecker (Fam. Picidae) sounds. Applied Acoustics, 2020, 166, 107312.	3.3	17
12	Master as a Service. , 2019, , .		4
13	Real-Time Distributed Architecture for Remote Acoustic Elderly Monitoring in Residential-Scale Ambient Assisted Living Scenarios. Sensors, 2018, 18, 2492.	3.8	40
14	A Custom Approach for a Flexible, Real-Time and Reliable Software Defined Utility. Sensors, 2018, 18, 718.	3.8	5
15	homeSound: Real-Time Audio Event Detection Based on High Performance Computing for Behaviour and Surveillance Remote Monitoring. Sensors, 2017, 17, 854.	3.8	55
16	Towards Automatic Bird Detection: An Annotated and Segmented Acoustic Dataset of Seven Picidae Species. Data, 2017, 2, 18.	2.3	5
17	Prototyping a Software Defined Utility. Energies, 2017, 10, 818.	3.1	8
18	homeSound: A High Performance Platform for Massive Data Acquisition and Processing in Ambient Assisted Living Environments. , 2017, , .		0

#	Article	IF	Citations
19	Resource Allocation on a Hybrid Cloud for Smart Grids. Network Protocols and Algorithms, 2016, 8, 7.	1.0	4
20	Enhancing Long-term Children to Robot Interaction Engagement through Cloud Connectivity. , 2015, , .		5
21	Support tool for the formation of working groups in collaborative learning environments. , 2014, , .		2
22	Sagittarius: A tool to enhance the collaboratibe work in virtual learning environments. , 2014, , .		2
23	Improving data partition schemes in Smart Grids via clustering data streams. Expert Systems With Applications, 2014, 41, 5832-5842.	7.6	31
24	The Information System of INTEGRIS: INTelligent Electrical GRId Sensor Communications. IEEE Transactions on Industrial Informatics, 2013, 9, 1548-1560.	11.3	20
25	Solutions to the Computer Networking Challenges of the Distribution Smart Grid. IEEE Communications Letters, 2013, 17, 588-591.	4.1	22
26	A robot swarm as a cellular multicore processor. , 2012, , .		2
27	Classic Replication Techniques on the Cloud. , 2012, , .		4
28	Transactional Support in the Cloud: Taking Advantage of Classic Approaches. , 2011, , .		0