Miguel-Ãngel Zamora-Izquierdo

List of Publications by Year
in descending order

36 papers	1,897 citations	361413 20 h-index	454955 30 g-index
36 all docs	36 docs citations	36 times ranked	2170 citing authors

#	Article	IF	Citations
1	MEC-based architecture for interoperable and trustworthy internet of moving things. Digital Communications and Networks, 2022, , .	5.0	3
2	A Comparison of Different Models of Glycemia Dynamics for Improved Type 1 Diabetes Mellitus Management with Advanced Intelligent Analysis in an Internet of Things Context. Applied Sciences (Switzerland), 2020, 10, 4381.	2.5	13
3	Nomograms for de-complexing the dimensioning of off-grid PV systems. Renewable Energy, 2020, 161, 162-172.	8.9	1
4	Conceptualisation of an IoT Framework for Multi-Person Interaction with Conditioning Systems. Energies, 2020, 13, 3094.	3.1	4
5	Utility of Big Data in Predicting Short-Term Blood Glucose Levels in Type 1 Diabetes Mellitus Through Machine Learning Techniques. Sensors, 2019, 19, 4482.	3.8	48
6	On the Possibility of Predicting Glycaemia â€˜On the Flyâ€™ with Constrained IoT Devices in Type 1 Diabetes Mellitus Patients.. Sensors, 2019, 19, 4538.	3.8	25
7	Feature Selection for Blood Glucose Level Prediction in Type 1 Diabetes Mellitus by Using the Sequential Input Selection Algorithm (SISAL). Symmetry, 2019, 11, 1164.	2.2	11
8	Commissioning of the Controlled and Automatized Testing Facility for Human Behavior and Control (CASITA). Sensors, 2018, 18, 2829.	3.8	8
9	Variables to Be Monitored via Biomedical Sensors for Complete Type 1 Diabetes Mellitus Management: An Extension of the â€œOn-Boardâ€•Concept. Journal of Diabetes Research, 2018, 2018, 1-14.	2.3	20
10	Towards an ICT-Based Platform for Type 1 Diabetes Mellitus Management. Applied Sciences (Switzerland), 2018, 8, 511.	2.5	27
11	Applicability of Big Data Techniques to Smart Cities Deployments. IEEE Transactions on Industrial Informatics, 2017, 13, 800-809.	11.3	121
12	A Low-Cost Indoor Localization System for Energy Sustainability in Smart Buildings. IEEE Sensors Journal, 2016, 16, 3246-3262.	4.7	46
13	An IoT based framework for user-centric smart building services. International Journal of Web and Grid Services, 2015, 11, 78.	0.5	17
14	Lightweight MIPv6 with IPSec Support. Mobile Information Systems, 2014, 10, 37-77.	0.6	12
15	How can We Tackle Energy Efficiency in IoT BasedSmart Buildings?. Sensors, 2014, 14, 9582-9614.	3.8	103
16	A holistic IoT-based management platform for smart environments. , 2014, , .		15
17	Mobile digcovery: discovering and interacting with the world through the Internet of things. Personal and Ubiquitous Computing, 2014, 18, 323-338.	2.8	74
18	Drug identification and interaction checker based on IoT to minimize adverse drug reactions and improve drug compliance. Personal and Ubiquitous Computing, 2014, 18, 5-17.	2.8	50

#	Article	IF	Citations
19	Userâ€centric smart buildings for energy sustainable smart cities. Transactions on Emerging Telecommunications Technologies, 2014, 25, 41-55.	3.9	67
20	An indoor localization system based on artificial neural networks and particle filters applied to intelligent buildings. Neurocomputing, 2013, 122, 116-125.	5.9	57
21	Interconnection Framework for mHealth and Remote Monitoring Based on the Internet of Things. IEEE Journal on Selected Areas in Communications, 2013, 31, 47-65.	14.0	232
22	An application of a fuzzy classifier extracted from data for collision avoidance support in road vehicles. Engineering Applications of Artificial Intelligence, 2013, 26, 173-183.	8.1	11
23	An Indoor Localization Mechanism Based on RFID and IR Data in Ambient Intelligent Environments. , 2012, , .		12
24	Glowbal IP: An Adaptive and Transparent IPv6 Integration in the Internet of Things. Mobile Information Systems, 2012, 8, 177-197.	0.6	55
25	Telematic platform for integral management of agricultural/perishable goods in terrestrial logistics. Computers and Electronics in Agriculture, 2012, 80, 31-40.	7.7	33
26	Oxygen Cylinders Management Architecture Based on Internet of Things. , 2011, , .		2
27	Mobile IP-Based Protocol for Wireless Personal Area Networks in Critical Environments. Wireless Personal Communications, 2011, 61, 711-737.	2.7	24
28	An internet of thingsâ€“based personal device for diabetes therapy management in ambient assisted living (AAL). Personal and Ubiquitous Computing, 2011, 15, 431-440.	2.8	239
29	An analysis of communication and navigation issues in collision avoidance support systems. Transportation Research Part C: Emerging Technologies, 2010, 18, 351-366.	7.6	48
30	Collision avoidance support in roads with lateral and longitudinal maneuver prediction by fusing GPS/IMU and digital maps. Transportation Research Part C: Emerging Technologies, 2010, 18, 611-625.	7.6	42
31	An Integral and Networked Home Automation Solution for Indoor Ambient Intelligence. IEEE Pervasive Computing, 2010, 9, 66-77.	1.3	109
32	Intra-mobility for Hospital Wireless Sensor Networks Based on 6LoWPAN. , 2010, , .		18
33	An ontology and rule based intelligent information system to detect and predict myocardial diseases. , 2009, , .		22
34	IMM-Based Lane-Change Prediction in Highways With Low-Cost GPS/INS. IEEE Transactions on Intelligent Transportation Systems, 2009, 10, 180-185.	8.0	111
35	HWSN6: Hospital Wireless Sensor Networks Based on 6LoWPAN Technology: Mobility and Fault Tolerance Management. , 2009, , .		42
36	High-Integrity IMM-EKF-Based Road Vehicle Navigation With Low-Cost GPS/SBAS/INS. IEEE Transactions on Intelligent Transportation Systems, 2007, 8, 491-511.	8.0	175