

Ricardo Severino

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

33
papers

284
citations

9
h-index

16
g-index

35
ext. papers

369
ext. citations

3.7
avg, IF

3.42
L-index

#	Paper	IF	Citations
33	. <i>IEEE Transactions on Industrial Informatics</i> , 2009 , 5, 299-313	11.9	59
32	IEEE 802.15.4e in a Nutshell: Survey and Performance Evaluation. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 1989-2010	37.1	41
31	Open-ZB: an open-source implementation of the IEEE 802.15.4/ZigBee protocol stack on TinyOS 2007 ,		37
30	Dimensioning and worst-case analysis of cluster-tree sensor networks. <i>ACM Transactions on Sensor Networks</i> , 2010 , 7, 1-47	2.9	25
29	Dynamic cluster scheduling for cluster-tree WSNs. <i>SpringerPlus</i> , 2014 , 3, 493		17
28	A Traffic Differentiation Add-On to the IEEE 802.15.4 Protocol: Implementation and Experimental Validation over a Real-Time Operating system 2010 ,		12
27	Real-Time Communications Over Cluster-Tree Sensor Networks with Mobile Sink Behaviour 2008 ,		10
26	2017 ,		9
25	Engineering a Search and Rescue Application with a Wireless Sensor Network - based Localization Mechanism 2007 ,		9
24	COPADRIVE - A Realistic Simulation Framework for Cooperative Autonomous Driving Applications 2019 ,		9
23	DynaMODynamic Multisuperframe Tuning for Adaptive IEEE 802.15.4e DSME Networks. <i>IEEE Access</i> , 2019 , 7, 122522-122535	3.5	6
22	ERIKA and open-ZB 2009 ,		5
21	Design and Implementation of Secret Key Agreement for Platoon-based Vehicular Cyber-physical Systems. <i>ACM Transactions on Cyber-Physical Systems</i> , 2020 , 4, 1-20	2.3	5
20	A cross-layer QoS management framework for ZigBee cluster-tree networks. <i>Telecommunication Systems</i> , 2016 , 63, 381-397	2.3	4
19	Dynamic cluster scheduling for cluster-tree WSNs 2013 ,		4
18	Towards a Cooperative Robotic Platooning Testbed 2020 ,		4
17	Wireless Communication Technologies for Safe Cooperative Cyber Physical Systems. <i>Sensors</i> , 2018 , 18,	3.8	4

16	Cooperative Key Generation for Data Dissemination in Cyber-Physical Systems 2018 ,		4
15	Towards a Realistic Simulation Framework for Vehicular Platooning Applications 2019 ,		3
14	Symphony. <i>ACM SIGBED Review</i> , 2020 , 16, 26-31	1.3	3
13	A Comprehensive Worst Case Bounds Analysis of IEEE 802.15.7. <i>Journal of Sensor and Actuator Networks</i> , 2021 , 10, 23	3.8	3
12	Poster Abstract: An Efficient Approach to Multisuperframe Tuning for DSME Networks 2018 ,		3
11	DynaMO. <i>ACM SIGBED Review</i> , 2020 , 16, 8-13	1.3	2
10	CopaDrive: An Integrated ROS Cooperative Driving Test and Validation Framework. <i>Studies in Computational Intelligence</i> , 2021 , 121-174	0.8	2
9	On the robot path planning using cloud computing for large grid maps 2018 ,		1
8	A microscope for the data centre. <i>International Journal of Sensor Networks</i> , 2015 , 18, 193	0.8	1
7	Prototype WSN Platform for Performing Dynamic Monitoring of Civil Engineering Structures. <i>Conference Proceedings of the Society for Experimental Mechanics</i> , 2011 , 81-89	0.3	1
6	An Integrated Lateral and Longitudinal Look Ahead Controller for Cooperative Vehicular Platooning. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2021 , 142-159	0.2	1
5	Amendments to the IEEE 802.15.4 Protocol. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2013 , 85-112	0.4	0
4	Improving the Performance of Cooperative Platooning With Restricted Message Trigger Thresholds. <i>IEEE Access</i> , 2022 , 10, 45562-45575	3.5	0
3	Models and Tools. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2013 , 45-64	0.4	
2	WiCAR - Simulating Towards the Wireless Car. <i>Lecture Notes in Computer Science</i> , 2020 , 136-147	0.9	
1	Performance Analysis and Network Dimensioning. <i>Springer Briefs in Electrical and Computer Engineering</i> , 2013 , 65-82	0.4	