

Ivica Kostanic

List of Publications by Year in descending order

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31
papers

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docs citations

31
times ranked

232
citing authors

#	ARTICLE	IF	CITATIONS
1	Path Loss Models for Low-Power, Low-Data Rate Sensor Nodes for Smart Car Parking Systems. IEEE Transactions on Intelligent Transportation Systems, 2018, 19, 1774-1783.	8.0	41
2	Empirical Path Loss Models for Wireless Sensor Network Deployments in Short and Tall Natural Grass Environments. IEEE Transactions on Antennas and Propagation, 2016, , 1-1.	5.1	36
3	An empirical path loss model for wireless sensor network deployment in a sand terrain environment. , 2014, , .		34
4	Multiresponse Optimization of Stochastic WSN Deployment Using Response Surface Methodology and Desirability Functions. IEEE Systems Journal, 2010, 4, 39-48.	4.6	29
5	A Wireless Sensor Networks' Analytics System for Predicting Performance in On-Demand Deployments. IEEE Systems Journal, 2015, 9, 1344-1353.	4.6	25
6	An empirical path loss model for wireless sensor network deployment in a dense tree environment. , 2017, , .		25
7	An empirical path loss model for Wireless Sensor Network deployment in a concrete surface environment. , 2015, , .		22
8	An empirical path loss model for Wireless Sensor Network deployment in an artificial turf environment. , 2014, , .		18
9	Development of a Simulator for Stochastic Deployment of Wireless Sensor Networks. Journal of Networks, 2009, 4, .	0.4	18
10	Analysis of the FM Radio Spectrum for Secondary Licensing of Low-Power Short-Range Cognitive Internet of Things Devices. IEEE Access, 2016, 4, 6681-6691.	4.2	16
11	Effects of terrain variations in Wireless Sensor Network deployments. , 2015, , .		10
12	A multi-hop, multi-segment architecture for perimeter security over extended geographical regions using wireless sensor networks. , 2008, , .		9
13	Analysis of the FM radio spectrum for Internet of Things opportunistic access via Cognitive Radio. , 2015, , .		7
14	Intelligent system for predicting wireless sensor network performance in on-demand deployments. , 2012, , .		5
15	Background service QoS in a UMTS network. , 2010, , .		4
16	Measurement-based geolocation in LTE cellular networks. , 2018, , .		4
17	Low computational complexity and minimizing training overhead for hybrid precoding in millimeter wave systems. , 2018, , .		4
18	Evaluation of HTTP QoS in a UMTS Network. , 2010, , .		3

#	ARTICLE	IF	CITATIONS
19	The impact of tree-obstructed propagation environments on the performance of wireless sensor networks. , 2017, , .		3
20	Spatial sampling requirements for Received Signal Level measurements in cellular networks. , 2017, , .		2
21	A Decision-Making Methodology for Stochastic Deployment of Wireless Sensor Networks. , 2009, , .		1
22	Analysis and Characterization of Hurricane Winds. Journal of Engineering Mechanics - ASCE, 2013, 139, 325-338.	2.9	1
23	Verifying Measurements of Reference Signal Received Power (RSRP) on LTE Network using an App on Android Smartphones. , 2018, , .		1
24	Reducing overhead in hybrid precoding design for millimeter wave MIMO systems. , 2018, , .		1
25	Stochastic gradient descent for reducing complexity in millimeter wave hybrid precoding design. , 2018, , .		1
26	Performance Evaluation of 5G Downlink Under Different Beamforming and Scheduling Methods. , 2019, , .		1
27	Performance Testing of the Wireless Sensor Network System for Hurricane Monitoring. , 2010, , .		0
28	Performance of C-band stepped frequency of airborne Hurricane observations using Microwave Radiometer. , 2016, , .		0
29	The case for adaptive SATCOMM systems " An ITU propagation modelling approach. , 2017, , .		0
30	Repeatability of Reference Signal Received Power Measurements in LTE Networks. , 2018, , .		0
31	Verifying of LTE Received Power Measurements in an Android App. , 2018, , .		0