

# Ivica Kostanic

## List of Publications by Year in descending order

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31  
papers

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citations

1478505

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1720034

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31  
all docs

31  
docs citations

31  
times ranked

232  
citing authors

#	ARTICLE	IF	CITATIONS
1	Performance Evaluation of 5G Downlink Under Different Beamforming and Scheduling Methods. , 2019, , .		1
2	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
3	Measurement-based geolocation in LTE cellular networks. , 2018, , .		4
4	Repeatability of Reference Signal Received Power Measurements in LTE Networks. , 2018, , .		0
5	Verifying Measurements of Reference Signal Received Power (RSRP) on LTE Network using an App on Android Smartphones. , 2018, , .		1
6	Verifying of LTE Received Power Measurements in an Android App. , 2018, , .		0
7	Reducing overhead in hybrid precoding design for millimeter wave MIMO systems. , 2018, , .		1
8	Stochastic gradient descent for reducing complexity in millimeter wave hybrid precoding design. , 2018, , .		1
9	Low computational complexity and minimizing training overhead for hybrid precoding in millimeter wave systems. , 2018, , .		4
10	The impact of tree-obstructed propagation environments on the performance of wireless sensor networks. , 2017, , .		3
11	Spatial sampling requirements for Received Signal Level measurements in cellular networks. , 2017, , .		2
12	An empirical path loss model for wireless sensor network deployment in a dense tree environment. , 2017, , .		25
13	The case for adaptive SATCOMM systems " An ITU propagation modelling approach. , 2017, , .		0
14	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
15	Performance of C-band stepped frequency of airborne Hurricane observations using Microwave Radiometer. , 2016, , .		0
16	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
17	Effects of terrain variations in Wireless Sensor Network deployments. , 2015, , .		10
18	Analysis of the FM radio spectrum for Internet of Things opportunistic access via Cognitive Radio. , 2015, , .		7

#	ARTICLE	IF	CITATIONS
19	An empirical path loss model for Wireless Sensor Network deployment in a concrete surface environment. , 2015, , .		22
20	A Wireless Sensor Networks' Analytics System for Predicting Performance in On-Demand Deployments. IEEE Systems Journal, 2015, 9, 1344-1353.	4.6	25
21	An empirical path loss model for wireless sensor network deployment in a sand terrain environment. , 2014, , .		34
22	An empirical path loss model for Wireless Sensor Network deployment in an artificial turf environment. , 2014, , .		18
23	Analysis and Characterization of Hurricane Winds. Journal of Engineering Mechanics - ASCE, 2013, 139, 325-338.	2.9	1
24	Intelligent system for predicting wireless sensor network performance in on-demand deployments. , 2012, , .		5
25	Multiresponse Optimization of Stochastic WSN Deployment Using Response Surface Methodology and Desirability Functions. IEEE Systems Journal, 2010, 4, 39-48.	4.6	29
26	Evaluation of HTTP QoS in a UMTS Network. , 2010, , .		3
27	Performance Testing of the Wireless Sensor Network System for Hurricane Monitoring. , 2010, , .		0
28	Background service QoS in a UMTS network. , 2010, , .		4
29	A Decision-Making Methodology for Stochastic Deployment of Wireless Sensor Networks. , 2009, , .		1
30	Development of a Simulator for Stochastic Deployment of Wireless Sensor Networks. Journal of Networks, 2009, 4, .	0.4	18
31	A multi-hop, multi-segment architecture for perimeter security over extended geographical regions using wireless sensor networks. , 2008, , .		9