David Garcia-Roger

List of Publications by Year
in descending order

25 papers	195 citations	1478505 6 h-index	1281871 11 g-index
27 all docs	27 docs citations	27 times ranked	210 citing authors

#	ARTICLE	IF	CITATIONS
1	5G V2V Communication With Antenna Selection Based on Context Awareness: Signaling and Performance Study. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1044-1057.	8.0	10
2	LTE/NR V2X Communication Modes and Future Requirements of Intelligent Transportation Systems Based on MR-DC Architectures. Sustainability, 2022, 14, 3879.	3.2	8
3	Low-Latency Infrastructure-Based Cellular V2V Communications for Multi-Operator Environments With Regional Split. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1052-1067.	8.0	14
4	V2X Support in 3GPP Specifications: From 4G to 5G and Beyond. IEEE Access, 2020, 8, 190946-190963.	4.2	56
5	Signaling Reduction in 5G eV2X Communications Based on Vehicle Grouping. , 2019, , .		1
6	5G Functional Architecture and Signaling Enhancements to Support Path Management for eV2X. IEEE Access, 2019, 7, 20484-20498.	4.2	10
7	Multi-Connectivity Management for 5G V2X Communication. , 2019, , .		6
8	Low-Latency Layer-2-Based Multicast Scheme for Localized V2X Communications. IEEE Transactions on Intelligent Transportation Systems, 2019, 20, 2962-2975.	8.0	29
9	Low-latency V2X Communication Through Localized MBMS with Local V2X Servers Coordination. , 2018, , .		6
10	5G Visualization: The METIS-II Project Approach. Mobile Information Systems, 2018, 2018, 1-8.	0.6	1
11	5G multi-antenna V2V channel modeling with a 3D game engine. , 2018, , .		5
12	Forced Inter-Operator Handover for V2X Communication in Multi-Operator Environments with Regional Splitting. , 2018, , .		2
13	Evaluation of LTE-Advanced connectivity options for the provisioning of V2X services. , 2018, , .		20
14	Multicarrier Waveform Harmonization and Complexity Analysis for an Efficient 5G Air Interface Implementation. Wireless Communications and Mobile Computing, 2017, 2017, 1-11.	1.2	1
15	Hardware testbed for sidelink transmission of 5G waveforms without synchronization. , 2016, , .		6
16	Converged Optical Networks for Multimedia Distribution and Data Services in Hospitality Environments. Communications in Computer and Information Science, 2012, , 133-144.	0.5	0
17	On the Conditions That Justify Requiring Dynamic Reconfigurability in WDM–TDMA Optical Access Networks. Journal of Optical Communications and Networking, 2011, 3, 259.	4.8	1
18	CONVERGED OPTICAL NETWORKS FOR VIDEO AND DATA DISTRIBUTION IN HOSPITALITY ENVIRONMENTS. , 2010, , .		0

#	Article	IF	Citations
19	Maximizing the capacity of mobile cellular networks with heterogeneous traffic. Computer Networks, 2009, 53, 973-988.	5.1	1
20	Optimal Design of Multiple Fractional Guard Channel Policy in Multiservice Cellular Networks. , 2008, , .		8
21	Adaptive Admission Control in Mobile Cellular Networks with Streaming and Elastic Traffic. , 2007, , 925-937.		0
22	Adaptive Reservation Scheme for Hierarchical Admission Control in Mobile Cellular Networks. IEEE Latin America Transactions, 2006, 4, 392-398.	1.6	0
23	Hierarchical Admission Control in Mobile Cellular Networks Using Adaptive Bandwidth Reservation. Lecture Notes in Computer Science, 2006, , 130-144.	1.3	0
24	Adaptive Trunk Reservation Policies in Multiservice Mobile Wireless Networks. Lecture Notes in Computer Science, 2005, , 47-58.	1.3	1
25	Adaptive admission control scheme for multiservice mobile cellular networks. , 0, , .		5