Dave Cavalcanti

List of Publications by Year
in descending order

18 papers	253 citations	1307594 7 h-index	1372567 10 g-index
18 all docs	18 docs citations	18 times ranked	222 citing authors

#	Article	IF	Citations
1	Wireless Time Sensitive Networking Impact on an Industrial Collaborative Robotic Workcell. IEEE Transactions on Industrial Informatics, 2022, 18, 7351-7360.	11.3	16
2	6 GHz Spectrum Needs for Wi-Fi 7. IEEE Communications Standards Magazine, 2022, 6, 5-7.	4.9	3
3	Traffic Steering in Edge Compute Devices using eXpress Data Path for 5G and TSN Integration. , 2022, , .		1
4	Communication-Control Co-design in Wireless Edge Industrial Systems. , 2022, , .		3
5	Wireless Time Sensitive Networking for Industrial Collaborative Robotic Workcells. , 2021, , .		11
6	Wireless TSN with Multi-Radio Wi-Fi. , 2021, , .		9
7	Control-Aware Scheduling for Low Latency Wireless Systems with Deep Learning. , 2020, , .		2
8	Scheduling Low Latency Traffic for Wireless Control Systems in 5G Networks. , 2020, , .		8
9	Network Performance Adaptation in Wireless Control with Reinforcement Learning. , 2020, , .		1
10	Control Aware Radio Resource Allocation in Low Latency Wireless Control Systems. IEEE Internet of Things Journal, 2019, 6, 7878-7890.	8.7	43
11	Extending Accurate Time Distribution and Timeliness Capabilities Over the Air to Enable Future Wireless Industrial Automation Systems. Proceedings of the IEEE, 2019, 107, 1132-1152.	21.3	81
12	Advances in Wireless Communication and Networking for Cooperating Autonomous Systems. Ad Hoc Networks, 2018, 68, iii-v.	5.5	7
13	A multi-objective genetic optimization for spectrum sensing in cognitive radio. Expert Systems With Applications, 2014, 41, 3640-3650.	7.6	21
14	Seamless handover and QoS provisioning for mobile video applications in an integrated WiMAX/MIP/MPLS architecture. International Journal of Advanced Media and Communication, 2009, 3, 404.	0.2	0
15	Protocols for mobility management in heterogeneous multi-hop wireless networks. Pervasive and Mobile Computing, 2008, 4, 92-116.	3.3	26
16	Connectivity opportunity selection in heterogeneous wireless multi-hop networks. Pervasive and Mobile Computing, 2008, 4, 390-420.	3.3	8
17	Recent advances and evolution of WLAN and WMAN standards [Guest Editorial]. IEEE Wireless Communications, 2008, 15, 54-55.	9.0	8
18	Self-adaptive routing protocols for integrating cellular networks, WLANs, and MANETs. Wireless Communications and Mobile Computing, 2007, 7, 375-397.	1.2	5