Antonino Orsino

List of Publications by Year
in descending order

31 papers	775 citations	758635 12 h-index	794141 19 g-index
31 all docs	31 docs citations	31 times ranked	1188 citing authors

#	Article	IF	Citations
1	Characterizing throughput and convergence time in dynamic multi-connectivity 5G deployments. Computer Communications, 2022, 187, 45-58.	3.1	5
2	A Novel Approach for MBSFN Area Formation Aided by D2D Communications for eMBB Service Delivery in 5G NR Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 2058-2070.	3.9	18
3	Analyzing Competition and Cooperation Dynamics of the Aerial mmWave Access Market. IEEE Access, 2019, 7, 87192-87211.	2.6	2
4	Overview of LTE-NR Dual Connectivity. IEEE Communications Magazine, 2019, 57, 138-144.	4.9	34
5	5G Multiscale Mobility : A Look at Current and Upcoming Models in the Next Technology Era. IEEE Vehicular Technology Magazine, 2018, 13, 120-129.	2.8	6
6	Enabling Trustworthy Multicast Wireless Services through D2D Communications in 5G Networks. Future Internet, 2018, 10, 66.	2.4	4
7	Caching-Aided Collaborative D2D Operation for Predictive Data Dissemination in Industrial IoT. IEEE Wireless Communications, 2018, 25, 50-57.	6.6	38
8	Improving Initial Access Reliability of 5G mmWave Cellular in Massive V2X Communications Scenarios. , 2018, , .		7
9	Characterization of mmWave Channel Properties at 28 and 60 GHz in Factory Automation Deployments. , 2018, , .		38
10	Context-Aware Information Diffusion for Alerting Messages in 5G Mobile Social Networks. IEEE Internet of Things Journal, 2017, 4, 427-436.	5.5	31
11	Effects of Heterogeneous Mobility on D2D- and Drone-Assisted Mission-Critical MTC in 5G. , 2017, 55, 79-87.		124
12	Mobile Social Networking Under Side-Channel Attacks: Practical Security Challenges. IEEE Access, 2017, 5, 2591-2601.	2.6	17
13	Time-Dependent Energy and Resource Management in Mobility-Aware D2D-Empowered 5G Systems. IEEE Wireless Communications, 2017, 24, 14-22.	6.6	12
14	NB-IoT for D2D-Enhanced Content Uploading with Social Trustworthiness in 5G Systems â€. Future Internet, 2017, 9, 31.	2.4	34
15	Comparing Customer Taste Distributions in Vertically Differentiated Mobile Service Markets. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 141-153.	0.2	1
16	Energy Efficient IoT Data Collection in Smart Cities Exploiting D2D Communications. Sensors, 2016, 16, 836.	2.1	74
17	Multimedia content diffusion approach for emerging 5G mobile social networks. , 2016, , .		0
18	A novel security-centric framework for D2D connectivity based on spatial and social proximity. Computer Networks, 2016, 107, 327-338.	3.2	26

#	Article	IF	Citations
19	Validating information security framework for offloading from LTE onto D2D links. , 2016, , .		4
20	Toward trusted, social-aware D2D connectivity: bridging across the technology and sociality realms. IEEE Wireless Communications, 2016, 23, 103-111.	6.6	55
21	Direct Connection on the Move: Characterization of User Mobility in Cellular-Assisted D2D Systems. IEEE Vehicular Technology Magazine, 2016, 11, 38-48.	2.8	29
22	A low computational-cost subgrouping multicast scheme for emerging 5G-satellite networks. , 2016, , .		11
23	Multimedia Content Delivery for Emerging 5G-Satellite Networks. IEEE Transactions on Broadcasting, 2016, 62, 10-23.	2.5	72
24	A Constrained Coalition Formation Game for Multihop D2D Content Uploading. IEEE Transactions on Wireless Communications, 2016, 15, 2012-2024.	6.1	49
25	Enhanced C-RAN Architecture Supporting SDN and NFV Functionalities for D2D Communications. Communications in Computer and Information Science, 2016, , 3-12.	0.4	3
26	Spectrum Sharing Approaches for Machine-Type Communications over LTE Heterogeneous Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 167-178.	0.2	0
27	LTE-direct vs. WiFi-direct for machine-type communications over LTE-A systems. , 2015, , .		28
28	Overlapping coalitions for D2D-supported data uploading in LTE-A systems. , 2015, , .		9
29	Effective RAT Selection Approach for 5G Dense Wireless Networks. , 2015, , .		34
30	A tunable framework for performance evaluation of spectrum sharing in LTE networks. , 2013, , .		3
31	Statistical analysis of non orthogonal spectrum sharing and scheduling strategies in next generation mobile networks. , 2013, , .		7