Antonio Iera

List of Publications by Year
in descending order

240 papers	19,390 citations	147726 31 h-index	24232 110 g-index
244 all docs	244 docs citations	244 times ranked	16236 citing authors

#	Article	IF	Citations
1	The Internet of Things: A survey. Computer Networks, 2010, 54, 2787-2805.	3.2	11,690
2	The Social Internet of Things (SIoT) â€“ When social networks meet the Internet of Things: Concept, architecture and network characterization. Computer Networks, 2012, 56, 3594-3608.	3.2	1,041
3	LTE for vehicular networking: a survey. , 2013, 51, 148-157.		627
4	SIoT: Giving a Social Structure to the Internet of Things. IEEE Communications Letters, 2011, 15, 1193-1195.	2.5	488
5	From "smart objects" to "social objects": The next evolutionary step of the internet of things. , 2014, 52, 97-105.		431
6	Understanding the Internet of Things: definition, potentials, and societal role of a fast evolving paradigm. Ad Hoc Networks, 2017, 56, 122-140.	3.4	396
7	Information-centric networking for the internet of things: challenges and opportunities. IEEE Network, 2016, 30, 92-100.	4.9	246
8	5G Network Slicing for Vehicle-to-Everything Services. IEEE Wireless Communications, 2017, 24, 38-45.	6.6	226
9	Channel-Aware Scheduling for QoS and Fairness Provisioning in IEEE 802.16/WiMAX Broadband Wireless Access Systems. IEEE Network, 2007, 21, 34-41.	4.9	196
10	Non-Terrestrial Networks in 5G & Beyond: A Survey. IEEE Access, 2020, 8, 165178-165200.	2.6	172
11	The Internet of things [Guest Editorial]. IEEE Wireless Communications, 2010, 17, 8-9.	6.6	135
12	Effects of Heterogeneous Mobility on D2D- and Drone-Assisted Mission-Critical MTC in 5G. , 2017, 55, 79-87.		124
13	A subjective model for trustworthiness evaluation in the social Internet of Things. , 2012, , .		121
14	Named data networking for IoT: An architectural perspective. , 2014, , .		114
15	Multicasting over Emerging 5G Networks: Challenges and Perspectives. IEEE Network, 2017, 31, 80-89.	4.9	109
16	Evaluating Performance of Containerized IoT Services for Clustered Devices at the Network Edge. IEEE Internet of Things Journal, 2017, 4, 1019-1030.	5.5	94
17	Adaptive Resource Allocation to Multicast Services in LTE Systems. IEEE Transactions on Broadcasting, 2013, 59, 658-664.	2.5	82
18	Trust-based and social-aware coalition formation game for multihop data uploading in 5G systems. Computer Networks, 2016, 111, 141-151.	3.2	79

#	Article	IF	Citations
19	Energy Efficient IoT Data Collection in Smart Cities Exploiting D2D Communications. Sensors, 2016, 16, 836.	2.1	74
20	Single Frequency-Based Device-to-Device-Enhanced Video Delivery for Evolved Multimedia Broadcast and Multicast Services. IEEE Transactions on Broadcasting, 2015, 61, 263-278.	2.5	72
21	Device-to-Device Communications for 5G Internet of Things. EAI Endorsed Transactions on Internet of Things, 2015, 1, 150598.	0.9	70
22	Providing ultraâ€short latency to userâ€centric 5G applications at the mobile network edge. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3169.	2.6	65
23	Edge Computing and Social Internet of Things for Large-Scale Smart Environments Development. IEEE Internet of Things Journal, 2018, 5, 2557-2571.	5.5	61
24	Information Centric Networking in IoT scenarios: The case of a smart home. , 2015, , .		59
25	Smart things in the social loop: Paradigms, technologies, and potentials. Ad Hoc Networks, 2014, 18, 121-132.	3.4	55
26	Toward trusted, social-aware D2D connectivity: bridging across the technology and sociality realms. IEEE Wireless Communications, 2016, 23, 103-111.	6.6	55
27	Multicast Resource Allocation Enhanced by Channel State Feedbacks for Multiple Scalable Video Coding Streams in LTE Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 2907-2921.	3.9	52
28	MIFaaS: A Mobile-IoT-Federation-as-a-Service Model for dynamic cooperation of IoT Cloud Providers. Future Generation Computer Systems, 2017, 70, 126-137.	4.9	51
29	A Constrained Coalition Formation Game for Multihop D2D Content Uploading. IEEE Transactions on Wireless Communications, 2016, 15, 2012-2024.	6.1	49
30	Social Virtual Objects in the Edge Cloud. IEEE Cloud Computing, 2015, 2, 20-28.	5.3	47
31	Call admission control and resource management issues for real-time VBR traffic in ATM-satellite networks. IEEE Journal on Selected Areas in Communications, 2000, 18, 2393-2403.	9.7	45
32	Towards 5G Network Slicing for the V2X Ecosystem. , 2018, , .		45
33	Enhancing the navigability in a social network of smart objects: A Shapley-value based approach. Computer Networks, 2016, 103, 1-14.	3.2	44
34	A systemic and cognitive approach for IoT security. , 2014, , .		39
35	Experimental Missions in W-Band: A Small LEO Satellite Approach. IEEE Systems Journal, 2008, 2, 90-103.	2.9	37
36	Federated IoT services leveraging 5G technologies at the edge. Ad Hoc Networks, 2018, 68, 58-69.	3.4	37

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37	A Hybrid Unicast-Multicast Network Selection for Video Deliveries in Dense Heterogeneous Network Environments. IEEE Transactions on Broadcasting, 2019, 65, 83-93.	2.5	37
38	SMaRTCaR: An integrated smartphone-based platform to support traffic management applications. , 2012, , .		35
39	Adaptively controlling the qos of multimedia wireless applications through "user profiling" techniques. IEEE Journal on Selected Areas in Communications, 2003, 21, 1546-1556.	9.7	34
40	Wi-Fi cooperation or D2D-based multicast content distribution in LTE-A: A comparative analysis. , 2014, , .		34
41	A Low-Complexity Resource Allocation Algorithm for Multicast Service Delivery in OFDMA Networks. IEEE Transactions on Broadcasting, 2014, 60, 358-369.	2.5	34
42	Effective RAT Selection Approach for 5G Dense Wireless Networks. , 2015, , .		34
43	NB-IoT for D2D-Enhanced Content Uploading with Social Trustworthiness in 5G Systems â€. Future Internet, 2017, 9, 31.	2.4	34
44	The Role of HAPs in Supporting Multimedia Broadcast and Multicast Services in Terrestrial-Satellite Integrated Systems. Wireless Personal Communications, 2005, 32, 195-213.	1.8	33
45	Slicing on the Road: Enabling the Automotive Vertical through 5G Network Softwarization. Sensors, 2018, 18, 4435.	2.1	32
46	Improving QoS and throughput in single- and multihop WLANs through dynamic traffic prioritization. IEEE Network, 2005, 19, 35-44.	4.9	31
47	Context-Aware Information Diffusion for Alerting Messages in 5G Mobile Social Networks. IEEE Internet of Things Journal, 2017, 4, 427-436.	5.5	31
48	Performance Evaluation of Active RFID Location Systems based on RF Power Measures. , 2007, , .		29
49	Efficient Frequency Domain Packet scheduler for Point-to-Multipoint transmissions in LTE networks. , 2012, , .		29
50	OpenFlow over wireless networks: Performance analysis. , 2014, , .		29
51	A Solution to the Multicast Subgroup Formation Problem in LTE Systems. IEEE Wireless Communications Letters, 2015, 4, 149-152.	3.2	29
52	Lightweight service replication for ultra-short latency applications in mobile edge networks. , 2017, , .		29
53	A Satellite-LTE Network with Delay-Tolerant Capabilities: Design and Performance Evaluation. , 2011, , .		28
54	SALICE project: Satellite-Assisted Localization and Communication Systems for Emergency Services. IEEE Aerospace and Electronic Systems Magazine, 2013, 28, 4-15.	2.3	28

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55	When D2D communication improves group oriented services in beyond 4G networks. Wireless Networks, 2015, 21, 1363-1377.	2.0	26
56	An Access Network Selection Algorithm Dynamically Adapted to User Needs and Preferences. , 2006, , .		25
57	SDN&NFV contribution to IoT objects virtualization. Computer Networks, 2019, 149, 200-212.	3.2	25
58	Fair Cost Allocation in Cellular-Bluetooth Cooperation Scenarios. IEEE Transactions on Wireless Communications, 2011, 10, 2566-2576.	6.1	24
59	MEC Support for 5G-V2X Use Cases through Docker Containers. , 2019, , .		24
60	Broadcasting Services Over 5G NR Enabled Multi-Beam Non-Terrestrial Networks. IEEE Transactions on Broadcasting, 2021, 67, 33-45.	2.5	24
61	Caching Popular Transient IoT Contents in an SDN-Based Edge Infrastructure. IEEE Transactions on Network and Service Management, 2021, 18, 3432-3447.	3.2	24
62	Handoff management with mobility estimation in hierarchical systems. IEEE Transactions on Vehicular Technology, 2002, 51, 915-934.	3.9	23
63	End-to-end QoS provisioning in 4G with mobile hotspots. IEEE Network, 2005, 19, 26-34.	4.9	23
64	Integration of Ad-hoc Networks with infrastructured systems for multicast services provisioning. , 2009, , .		23
65	A Unified Approach for Efficient Delivery of Unicast and Multicast Wireless Video Services. IEEE Transactions on Wireless Communications, 2016, 15, 8063-8076.	6.1	23
66	A Dynamic MBSFN Area Formation Algorithm for Multicast Service Delivery in 5G NR Networks. IEEE Transactions on Wireless Communications, 2020, 19, 808-821.	6.1	23
67	Optimal Placement of Social Digital Twins in Edge IoT Networks. Sensors, 2020, 20, 6181.	2.1	23
68	Multicasting in LTE-A networks enhanced by device-to-device communications. , 2013, , .		22
69	A fair cooperative content-sharing service. Computer Networks, 2013, 57, 1955-1973.	3.2	21
70	Multicast service delivery solutions in LTE-Advanced systems. , 2013, , .		21
71	Radio Resource Management for Group-Oriented Services in LTE-A. IEEE Transactions on Vehicular Technology, 2015, 64, 3725-3739.	3.9	21
72	Tag-based cooperative data gathering and energy recharging in wide area RFID sensor networks. Ad Hoc Networks, 2016, 36, 214-228.	3.4	21

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73	6lo-RFID: A Framework for Full Integration of Smart UHF RFID Tags into the Internet of Things. IEEE Network, 2017, 31, 66-73.	4.9	21
74	Trusted and secured D2D-aided communications in 5G networks. Ad Hoc Networks, 2021, 114, 102403.	3.4	21
75	Designing the interworking of terrestrial and satellite IP-based networks. , 2002, 40, 136-144.		20
76	Federated edge-assisted mobile clouds for service provisioning in heterogeneous IoT environments. , 2015, , .		20
77	Recharging versus replacing sensor nodes using mobile robots for network maintenance. Telecommunication Systems, 2016, 63, 625-642.	1.6	20
78	A reference framework for social-enhanced Vehicle-to-Everything communications in 5G scenarios. Computer Networks, 2018, 143, 140-152.	3.2	20
79	A Sidelink-Aided Approach for Secure Multicast Service Delivery: From Human-Oriented Multimedia Traffic to Machine Type Communications. IEEE Transactions on Broadcasting, 2021, 67, 313-323.	2.5	20
80	Supporting augmented floating car data through smartphone-based crowd-sensing. Vehicular Communications, 2014, 1, 181-196.	2.7	19
81	Traffic management techniques to face the effects of intrinsic delays in geostationary satellite networks. IEEE Transactions on Wireless Communications, 2002, 1, 145-155.	6.1	18
82	Network coding and evolutionary theory for performance enhancement in wireless cooperative clusters. European Transactions on Telecommunications, 2010, 21, 725-737.	1.2	18
83	SDN-Managed Provisioning of Named Computing Services in Edge Infrastructures. IEEE Transactions on Network and Service Management, 2019, 16, 1464-1478.	3.2	18
84	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
85	Transport and control issues in multimedia wireless networks. Wireless Networks, 1996, 2, 249-261.	2.0	17
86	A modified location-aided routing protocol for the reduction of control overhead in ad-hoc wireless networks. , 0, , .		17
87	On Potentials and Limitations of a Hybrid WLAN-RFID Indoor Positioning Technique. International Journal of Navigation and Observation, 2010, 2010, 1-11.	0.8	17
88	Smart devices in the social loops: Criteria and algorithms for the creation of the social links. Future Generation Computer Systems, 2019, 97, 327-339.	4.9	17
89	802.11-Based Wireless-LAN and UMTS interworking: requirements, proposed solutions and open issues. Computer Networks, 2005, 47, 151-166.	3.2	16
90	Hybrid System HAP-WiFi for Incident Area Network. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 436-450.	0.2	16

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91	How often social objects meet each other? Analysis of the properties of a social network of IoT devices based on real data. , 2013, , .		15
92	Trusted D2D-based data uploading in in-band narrowband-IoT with social awareness. , 2016, , .		15
93	D2D-Based Cooperative Positioning Paradigm for Future Wireless Systems: A Survey. IEEE Sensors Journal, 2022, 22, 5101-5112.	2.4	15
94	Improving Service Management in the Internet of Things. Sensors, 2012, 12, 11888-11909.	2.1	14
95	Bargaining Solutions for Multicast Subgroup Formation in LTE. , 2012, , .		14
96	Energy-Saving Analysis in Cellularâ€“WLAN Cooperative Scenarios. IEEE Transactions on Vehicular Technology, 2014, 63, 478-484.	3.9	14
97	On the Beneficial Effects of Cooperative Wireless Peer-to-Peer Networking. Signals and Communication Technology, 2007, , 97-109.	0.4	14
98	"call-level" and "burst-level" priorities for an effective management of multimedia services in UMTS. , 0, , .		13
99	Scenario-adaptive and gain-aware content sharing policies for cooperative wireless environments. Computer Communications, 2012, 35, 1259-1271.	3.1	13
100	Introducing a Novel "Virtual Communication Channel" into RFID Ecosystems for IoT. IEEE Communications Letters, 2013, 17, 1532-1535.	2.5	13
101	Performance assessment of an enhanced RFID sensor tag for long-run sensing applications. , 2014, , .		13
102	Effective resource allocation in 5G-satellite networks. , 2015, , .		13
103	Enhancing Identifier/Locator Splitting Through Social Internet of Things. IEEE Internet of Things Journal, 2019, 6, 2974-2985.	5.5	13
104	Virtualizing AI at the Distributed Edge towards Intelligent IoT Applications. Journal of Sensor and Actuator Networks, 2021, 10, 13.	2.3	13
105	QoS for multimedia applications in satellite systems. IEEE MultiMedia, 1999, 6, 46-53.	1.5	12
106	IP with QoS guarantees via Geo satellite channels: performance issues. IEEE Personal Communications, 2001, 8, 14-19.	4.5	12
107	Providing Throughput Guarantees in 802.11e WLAN Through a Dynamic Priority Assignment Mechanism. Wireless Personal Communications, 2005, 34, 109-125.	1.8	12
108	The WAVE mission payload. , 2005, , .		12

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109	Virtual code resource allocation for energy-aware MTC access over 5G systems. Ad Hoc Networks, 2016, 43, 3-15.	3.4	12
110	Optimal subgroup configuration for multicast services over 5G-satellite systems. , 2017, , .		12
111	Wireless broadband applications: the teleservice model and adaptive QoS provisioning. , 1999, 37, 71-75.		11
112	Taking the SIoT down from the cloud: Integrating the Social Internet of Things in the INPUT architecture. , 2015, , .		11
113	A low computational-cost subgrouping multicast scheme for emerging 5G-satellite networks. , 2016, , .		11
114	Efficient Management of Multicast Traffic in Directional mmWave Networks. IEEE Transactions on Broadcasting, 2021, 67, 593-605.	2.5	11
115	Placement of Social Digital Twins at the Edge for Beyond 5G IoT Networks. IEEE Internet of Things Journal, 2022, 9, 23927-23940.	5.5	11
116	Call management based on the mobile terminal-peak velocity: Virtues and limitations in a two-tier cellular system. IEEE Transactions on Vehicular Technology, 2003, 52, 794-813.	3.9	10
117	A Genetic Algorithm for Source Election in Cooperative Clusters Implementing Network Coding. , 2010, , .		10
118	Optimizing point-to-multipoint transmissions in High Speed Packet Access networks. , 2011, , .		10
119	Making a mesh router/gateway from a smartphone: Is that a practical solution?. Ad Hoc Networks, 2011, 9, 1414-1429.	3.4	10
120	Adaptive multicast scheduling for HSDPA networks in mobile scenarios. , 2012, , .		10
121	Energy efficient handover algorithm for green radio networks. , 2014, , .		10
122	Using a distributed Shapley-value based approach to ensure navigability in a social network of smart objects. , 2015, , .		10
123	Efficient spectrum management exploiting D2D communication in 5G systems. , 2015, , .		10
124	Overlapping coalitions for D2D-supported data uploading in LTE-A systems. , 2015, , .		9
125	Evaluating the performance of multicast resource allocation policies over LTE systems. , 2015, , .		9
126	Navigability in Social Networks of Objects: The Importance of Friendship Type and Nodes' Distance. , 2017, , .		9

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127	D-RMA: a dynamic reservation multiple-access protocol for third generation cellular systems. IEEE Transactions on Vehicular Technology, 2000, 49, 1599-1605.	3.9	8
128	Cooperative terminals for Incident Area Networks. , 2009, , .		8
129	On the impact of frequency selectivity on multicast subgroup formation in 4G networks. , 2013, , .		8
130	Access control and handoff management in multi-tier multimedia wireless systems. , 0, , .		7
131	Localization Information Retrieval Exploiting Cooperation Among Mobile Devices. , 2008, , .		7
132	A novel paradigm to exchange data in RFID piconets. , 2013, , .		7
133	Coordinated Multihop Scheduling in IEEE802.11E Wireless Ad Hoc Networks. , 2006, , .		6
134	Group Interactions in Wireless Cooperative Networks. , 2011, , .		6
135	Low complexity subgroup formation in LTE systems. , 2013, , .		6
136	Federations of connected things for delay-sensitive IoT services in 5G environments. , 2017, , .		6
137	Virtualizing Nanosatellites in SDN/NFV Enabled Ground Segments to Enhance Service Orchestration. , 2019, , .		6
138	A MAC protocol for wireless access to ATM networks. , 0, , .		5
139	QoS in next-generation wireless multimedia communications systems. IEEE Wireless Communications, 2003, 10, 6-7.	6.6	5
140	Dynamic priority assignment in IEEE 802.11e ad-hoc networks. , 2005, , .		5
141	Multicast in Terrestrial-HAP Systems: "User Number" vs. "User Distribution" Oriented RRM Policies. Vehicular Technology Conference-Fall (VTC-FALL), Proceedings, IEEE, 2007, , .	0.0	5
142	SINR-Based Transport Channel Selection for MBMS Applications. , 2009, , .		5
143	OpenStack Extension for Fog-Powered Personal Services Deployment. , 2017, , .		5
144	Energy-Efficient Multicast Service Delivery Exploiting Single Frequency Device-To-Device Communications in 5G New Radio Systems. Sensors, 2018, 18, 2205.	2.1	5

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145	Sociocast: A New Network Primitive for IoT. IEEE Communications Magazine, 2019, 57, 62-67.	4.9	5
146	Unsupervised Learning for D2D-Assisted Multicast Scheduling in mmWave Networks. , 2021, , .		5
147	Statistical multiplexing of heterogeneous traffic classes in ATM-satellite based networks. , 0, , .		4
148	Introducing the Adaptive-QoS Idea into Multi-Tier UMTS Systems: The Lessons Learned. Wireless Personal Communications, 2003, 24, 141-169.	1.8	4
149	Dynamic bargaining of content shares in wireless cooperative systems. , 2008, , .		4
150	Data seeding in nomadic cooperative groups. , 2011, , .		4
151	Adopting bargaining solutions for Bluetooth-based user cooperation. , 2012, , .		4
152	Exploiting frequency-selectivity in real-time multicast services over LTE networks. , 2013, , .		4
153	Power consumption model using green policies in Heterogeneous Networks. , 2014, , .		4
154	Mobility-aware energy-quality trade-off for video delivery in dense heterogeneous networks. , 2016, , .		4
155	An edge-based approach to develop large-scale smart environments by leveraging SIoT. , 2017, , .		4
156	Enabling Trustworthy Multicast Wireless Services through D2D Communications in 5G Networks. Future Internet, 2018, 10, 66.	2.4	4
157	Delivering Multimedia Services in MBSFN Areas Over 5G Networks: A Performance Analysis. , 2018, , .		4
158	Towards Software-defined Fog Computing via Named Data Networking. , 2019, , .		4
159	Performance Analysis of Paging Strategies and Data Delivery Approaches for Supporting Group-Oriented IoT Traffic in 5G Networks. , 2019, , .		4
160	A Social and Pervasive IoT Platform for Developing Smart Environments. Internet of Things, 2019, , 1-23.	1.3	4
161	Challenges and Performance Evaluation of Multicast Transmission in 60ÂGHz mmWave. Communications in Computer and Information Science, 2020, , 3-17.	0.4	4
162	Synchronization Architecture for Multimedia Services in Mobile Radio Environments. International Journal of Wireless Information Networks, 1997, 4, 233-247.	1.8	3

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163	A layered protocol architecture for multimedia wirelessâ€PCS networks. Mobile Networks and Applications, 1998, 3, 73-87.	2.2	3
164	Hand-off management algorithms for urban and sub-urban environments under realistic vehicle mobility conditions. , 0, , .		3
165	Traffic and resource management in multi-tier networks exploiting satellite coverage. , 0, , .		3
166	Heterogeneous traffic management in satellite multi-layered networks. , 0, , .		3
167	An experimental station for real-time traffic monitoring on a urban road. , 0, , .		3
168	Managing IP traffic in radio access networks of next-generation mobile systems. IEEE Personal Communications, 2003, 10, 36-43.	4.5	3
169	Dedicated signalling channel vs random access signalling channel in satellites communications systems. , 2003, , .		3
170	The Effect of Multicast User Number and Distribution on the Performance of RRM Policies in Terrestrial-HAP MBMS Systems. , 2007, , .		3
171	On the Performance of "Compensation-Based" and "Greedy" Scheduling Policies in IEEE 802.16 Networks. , 2009, , .		3
172	Effective service delivery and group management in integrated terrestrialâ€HAP systems for multicast communications. Wireless Communications and Mobile Computing, 2010, 10, 1173-1185.	0.8	3
173	Performance evaluation of RFID tag-based â€œvirtualâ€•communication channels. , 2014, , .		3
174	Novel D2D-based relaying method for multicast services over 3GPP LTE-A systems. , 2017, , .		3
175	Analytical model for multicast subgrouping in 5G-mobile eMBMS environment. , 2017, , .		3
176	Exploiting Multicast Subgrouping for Multi-Layer Video Services in 5G Satellite Networks. , 2018, , .		3
177	Social-IoT Enabled Identifier/Locator Splitting: Concept, Architecture, and Performance Evaluation. , 2018, , .		3
178	Enhance the protection of transmitted data in 5G D2D communications through the Social Internet of Things. , 2018, , .		3
179	Leveraging social notions to improve ID-to-locator mapping in IoT Identity Oriented Networks. , 2018, , .		3
180	Enhanced C-RAN Architecture Supporting SDN and NFV Functionalities for D2D Communications. Communications in Computer and Information Science, 2016, , 3-12.	0.4	3

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181	Radio resource management policy for multicast transmissions in high altitude platforms. , 2009, , .		3
182	Call admission control and resource utilization in ATM networks: a new improvement strategy. , 0, , .		2
183	An Architectural Framework for Multimedia Integrated Wiredâ€Wireless Systems. European Transactions on Telecommunications, 1999, 10, 473-486.	1.2	2
184	Managing symmetric and asymmetric data traffic in integrated terrestrial-cellular and satellite systems. IEEE Personal Communications, 2000, 7, 56-64.	4.5	2
185	An Integrated HAP-Satellite Communications System for DVB-RCS Service Provisioning. , 0, , .		2
186	Quality based Handoff Management in DVB-H Systems. , 2007, , .		2
187	WAQM: managing QoS in wireless networks by means of an XML-based multiagent system. International Journal of Wireless and Mobile Computing, 2007, 2, 132.	0.1	2
188	New Concept Platforms for QoS Management in Future Telecommunication Scenarios. International Journal of Wireless Information Networks, 2007, 14, 79-91.	1.8	2
189	On the impact of the user terminal velocity on HSPA performance in MBMS multicast mode. , 2009, , .		2
190	AMC and channel-awareness for QoS-based scheduler design in WiMAX networks. , 2010, , .		2
191	A Cooperative Framework for Reliable Multicast Forwarding in Mobile Ad Hoc NETworks. , 2010, , .		2
192	On the optimization of power assignment to support multicast applications in HAP-based systems. , 2010, , .		2
193	A Novel Approach for Unicast and Multicast Traffic Management in Wireless Networks. , 2015, , .		2
194	On the management of unicast and multicast services in LTE networks. , 2015, , .		2
195	Assessing the Performance of a Novel Tag-based Reader-to-Reader Communication Paradigm under Noisy Channel Conditions. IEEE Transactions on Wireless Communications, 2016, , 1-1.	6.1	2
196	Analyzing Competition and Cooperation Dynamics of the Aerial mmWave Access Market. IEEE Access, 2019, 7, 87192-87211.	2.6	2
197	Sociocast: Design, Implementation and Experimentation of a New Communication Method for the Internet of Things. , 2019, , .		2
198	Cognitive Management Strategies for Dynamic Spectrum Access. , 2019, , 533-567.		2

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199	An OMA Lightweight M2M-compliant MEC Framework to Track Multi-modal Commuters for MaaS Applications. , 2019, , .		2
200	High Altitude Platforms: Radio Resource Management Policy for MBMS Applications. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 85-93.	0.2	2
201	Bridging separate communities with common interest in distributed social networks through the use of social objects. Future Generation Computer Systems, 2022, 129, 440-452.	4.9	2
202	An RSA-based Algorithm for Secure D2D-aided Multicast Delivery of Multimedia Services. , 2020, , .		2
203	Analysis of the optimality of a multi-level bandwidth-negotiation algorithm for FDDI interconnection across B-ISDN. , 0, , .		1
204	Enhanced channel access protocol for DECT systems with multimedia traffic. , 0, , .		1
205	QoS metrics for performance assessment in integrated terrestrial-satellite multimedia platforms. , 0, , .		1
206	QoS Guarantees in Heterogeneous Systems Consisting of IP Core Networks with Satellite Access. Mobile Networks and Applications, 2004, 9, 175-184.	2.2	1
207	A multi-agent system for managing the quality of service in telecommunications networks. Journal of Systems Science and Systems Engineering, 2005, 14, 129-158.	0.8	1
208	WAVE A2: WAVESat and LEO Mission Architectures. , 2008, , .		1
209	A Power Based Algorithm for Efficient Radio Resource Management Policy in Integrated Terrestrial/HAP MBMS Systems. , 2008, , .		1
210	Evolutionary theory for cluster head election in cooperative clusters implementing network coding. , 2009, , .		1
211	DVB-H Systems: Quality-Based Active Handoff Assisted by UMTS Return Channels. Wireless Personal Communications, 2010, 54, 137-153.	1.8	1
212	Enabling communication among smart tags in an UHF RFID Local Area Network. , 2015, , .		1
213	A hybrid unicast-multicast utility-based network selection algorithm. , 2017, , .		1
214	Exploiting Social Ties at the Mobile Edge through Named Data Networking. , 2018, , .		1
215	An Analytic Approach for Resource Allocation of IoT Multicast Traffic. , 2019, , .		1
216	Group-based delivery of critical traffic in cellular IoT networks. Computer Networks, 2020, 181, 107563.	3.2	1

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217	The Internet of Things: A survey. , 2010, 54, 2787-2787.		1
218	A Game Theoretic Approach to Guarantee Fairness in Cooperation Among Green Mobile Network Operators. International Journal of Business Data Communications and Networking, 2013, 9, 1-15.	1.2	1
219	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
220	Frequency Reuse Techniques for eMBB Services over 5G Multi-Beam Non-Terrestrial Networks. , 2020, , .		1
221	'Push-out based' strategies for controlling the share of buffer space. , 0, , .		0
222	A modified fast buffer reservation algorithm (M-FBR) for congestion control in ATM networks. European Transactions on Telecommunications, 1998, 9, 229-235.	1.2	0
223	Enhanced channel access techniques for wireless multimedia terminals. , 0, , .		0
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