Sergey Andreev

List of Publications by Year
in descending order

248	6,201	101384	128067
papers	citations	36 h-index	60 g-index

256	256	256	5366
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Understanding the IoT connectivity landscape: a contemporary M2M radio technology roadmap. , 2015, 53, 32-40.		228
2	Multi-Factor Authentication: A Survey. Cryptography, 2018, 2, 1.	1.4	194
3	Cellular traffic offloading onto network-assisted device-to-device connections. , 2014, 52, 20-31.		188
4	Empirical Effects of Dynamic Human-Body Blockage in 60 GHz Communications. IEEE Communications Magazine, 2018, 56, 60-66.	4.9	183
5	Non-Terrestrial Networks in 5G & Beyond: A Survey. IEEE Access, 2020, 8, 165178-165200.	2.6	172
6	5G Multi-RAT LTE-WiFi Ultra-Dense Small Cells: Performance Dynamics, Architecture, and Trends. IEEE Journal on Selected Areas in Communications, 2015, 33, 1224-1240.	9.7	149
7	Flexible and Reliable UAV-Assisted Backhaul Operation in 5G mmWave Cellular Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2486-2496.	9.7	148
8	Cooperative Radio Resource Management in Heterogeneous Cloud Radio Access Networks. IEEE Access, 2015, 3, 397-406.	2.6	144
9	Analysis of human-body blockage in urban millimeter-wave cellular communications. , 2016, , .		136
10	Effects of Heterogeneous Mobility on D2D- and Drone-Assisted Mission-Critical MTC in 5G. , 2017, 55, 79-87.		124
11	Vehicle-Based Relay Assistance for Opportunistic Crowdsensing Over Narrowband IoT (NB-IoT). IEEE Internet of Things Journal, 2018, 5, 3710-3723.	5.5	111
12	3GPP LTE traffic offloading onto WiFi Direct. , 2013, , .		105
13	On the Temporal Effects of Mobile Blockers in Urban Millimeter-Wave Cellular Scenarios. IEEE Transactions on Vehicular Technology, 2017, 66, 10124-10138.	3.9	101
14	Dynamic Multi-Connectivity Performance in Ultra-Dense Urban mmWave Deployments. IEEE Journal on Selected Areas in Communications, 2017, 35, 2038-2055.	9.7	98
15	Analyzing Assisted Offloading of Cellular User Sessions onto D2D Links in Unlicensed Bands. IEEE Journal on Selected Areas in Communications, 2015, 33, 67-80.	9.7	97
16	Achieving End-to-End Reliability of Mission-Critical Traffic in Softwarized 5G Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 485-501.	9.7	94
17	Future of Ultra-Dense Networks Beyond 5G: Harnessing Heterogeneous Moving Cells. IEEE Communications Magazine, 2019, 57, 86-92.	4.9	94
18	Intelligent access network selection in converged multi-radio heterogeneous networks. IEEE Wireless Communications, 2014, 21, 86-96.	6.6	91

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19	Technologies for Efficient Amateur Drone Detection in 5G Millimeter-Wave Cellular Infrastructure. IEEE Communications Magazine, 2018, 56, 43-50.	4.9	87
20	Challenges of Multi-Factor Authentication for Securing Advanced IoT Applications. IEEE Network, 2019, 33, 82-88.	4.9	79
21	Communication challenges in high-density deployments of wearable wireless devices. IEEE Wireless Communications, 2015, 22, 12-18.	6.6	69
22	A Harmonized Perspective on Transportation Management in Smart Cities: The Novel IoT-Driven Environment for Road Traffic Modeling. Sensors, 2016, 16, 1872.	2.1	67
23	On Unified Vehicular Communications and Radar Sensing in Millimeter-Wave and Low Terahertz Bands. IEEE Wireless Communications, 2019, 26, 146-153.	6.6	66
24	Exploring synergy between communications, caching, and computing in 5G-grade deployments. , 2016, 54, 60-69.		63
25	When IoT Keeps People in the Loop: A Path Towards a New Global Utility. IEEE Communications Magazine, 2019, 57, 114-121.	4.9	57
26	Efficient small data access for machine-type communications in LTE. , 2013, , .		56
27	Toward trusted, social-aware D2D connectivity: bridging across the technology and sociality realms. IEEE Wireless Communications, 2016, 23, 103-111.	6.6	55
28	Impact of machineâ€type communications on energy and delay performance of random access channel in LTEâ€advanced. Transactions on Emerging Telecommunications Technologies, 2013, 24, 366-377.	2.6	54
29	Analyzing Effects of Directionality and Random Heights in Drone-Based mmWave Communication. IEEE Transactions on Vehicular Technology, 2018, 67, 10064-10069.	3.9	54
30	Aerial Access and Backhaul in mmWave B5G Systems: Performance Dynamics and Optimization. IEEE Communications Magazine, 2020, 58, 93-99.	4.9	53
31	On feasibility of 5G-grade dedicated RF charging technology for wireless-powered wearables. IEEE Wireless Communications, 2016, 23, 28-37.	6.6	51
32	Safe, Secure Executions at the Network Edge: Coordinating Cloud, Edge, and Fog Computing. IEEE Software, 2018, 35, 30-37.	2.1	51
33	On the Degree of Multi-Connectivity in 5G Millimeter-Wave Cellular Urban Deployments. IEEE Transactions on Vehicular Technology, 2019, 68, 1973-1978.	3.9	50
34	Estimation of a successful beacon reception probability in vehicular ad-hoc networks. , 2009, , .		49
35	Stabilizing multi-channel slotted aloha for machine-type communications. , 2013, , .		49
36	Wirelessly Powered Crowd Sensing: Joint Power Transfer, Sensing, Compression, and Transmission. IEEE Journal on Selected Areas in Communications, 2019, 37, 391-406.	9.7	49

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37	Feasibility characterization of cryptographic primitives for constrained (wearable) IoT devices. , 2016, , .		48
38	Capacity of Multiconnectivity mmWave Systems With Dynamic Blockage and Directional Antennas. IEEE Transactions on Vehicular Technology, 2019, 68, 3534-3549.	3.9	46
39	Capturing Spatial Randomness of Heterogeneous Cellular/WLAN Deployments With Dynamic Traffic. IEEE Journal on Selected Areas in Communications, 2014, 32, 1083-1099.	9.7	45
40	5G-U: Conceptualizing Integrated Utilization of Licensed and Unlicensed Spectrum for Future IoT. IEEE Communications Magazine, 2019, 57, 92-98.	4.9	45
41	Facilitating the Delegation of Use for Private Devices in the Era of the Internet of Wearable Things. IEEE Internet of Things Journal, 2017, 4, 843-854.	5.5	44
42	Energy-Efficient Client Relay Scheme for Machine-to-Machine Communication. , 2011, , .		42
43	Highly dynamic spectrum management within licensed shared access regulatory framework. , 2016, 54, 100-109.		42
44	Multi-radio heterogeneous networks: Architectures and performance. , 2014, , .		41
45	Smart home gateway system over Bluetooth low energy with wireless energy transfer capability. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	1.5	40
46	Characterizing Spatial Correlation of Blockage Statistics in Urban mmWave Systems. , 2016, , .		40
47	Flexible Dual-Connectivity Spectrum Aggregation for Decoupled Uplink and Downlink Access in 5G Heterogeneous Systems. IEEE Journal on Selected Areas in Communications, 2016, 34, 2851-2865.	9.7	40
48	Energy and delay analysis of LTE-Advanced RACH performance under MTC overload. , 2012, , .		39
49	Proximity-Based Data Offloading via Network Assisted Device-to-Device Communications. , 2013, , .		38
50	Caching-Aided Collaborative D2D Operation for Predictive Data Dissemination in Industrial IoT. IEEE Wireless Communications, 2018, 25, 50-57.	6.6	38
51	Characterization of mmWave Channel Properties at 28 and 60 GHz in Factory Automation Deployments. , 2018, , .		38
52	Integrated Use of Licensed- and Unlicensed-Band mmWave Radio Technology in 5G and Beyond. IEEE Access, 2019, 7, 24376-24391.	2.6	38
53	Evaluating SIR in 3D Millimeter-Wave Deployments: Direct Modeling and Feasible Approximations. IEEE Transactions on Wireless Communications, 2019, 18, 879-896.	6.1	37
54	Line-of-Sight Probability for mmWave-Based UAV Communications in 3D Urban Grid Deployments. IEEE Transactions on Wireless Communications, 2021, 20, 6566-6579.	6.1	37

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55	Benefits of Positioning-Aided Communication Technology in High-Frequency Industrial IoT. IEEE Communications Magazine, 2018, 56, 142-148.	4.9	36
56	Energy Efficiency of Multi-Radio Massive Machine-Type Communication (MR-MMTC): Applications, Challenges, and Solutions. IEEE Communications Magazine, 2019, 57, 100-106.	4.9	35
57	3GPP LTE-Assisted Wi-Fi-Direct: Trial Implementation of Live D2D Technology. ETRI Journal, 2015, 37, 877-887.	1.2	34
58	Delivering Fairness and QoS Guarantees for LTE/Wi-Fi Coexistence Under LAA Operation. IEEE Access, 2018, 6, 7359-7373.	2.6	34
59	Network-assisted D2D communications: Implementing a technology prototype for cellular traffic offloading. , 2014, , .		33
60	Resource allocation and sharing for heterogeneous data collection over conventional 3GPP LTE and emerging NB-IoT technologies. Computer Communications, 2018, 120, 93-101.	3.1	33
61	Effects of Blockage in Deploying mmWave Drone Base Stations for 5G Networks and Beyond. , 2018, , .		32
62	Understanding Practical Limitations of Network Coding for Assisted Proximate Communication. IEEE Journal on Selected Areas in Communications, 2015, 33, 156-170.	9.7	31
63	Multi-RAT LPWAN in Smart Cities: Trial of LoRaWAN and NB-IoT Integration. , 2018, , .		31
64	Characterizing Resource Allocation Trade-Offs in 5G NR Serving Multicast and Unicast Traffic. IEEE Transactions on Wireless Communications, 2020, 19, 3421-3434.	6.1	31
65	Implementation of True IoT Vision: Survey on Enabling Protocols and Hands-On Experience. International Journal of Distributed Sensor Networks, 2016, 12, 8160282.	1.3	30
66	Upper bound on capacity of 5G mmWave cellular with multiâ€connectivity capabilities. Electronics Letters, 2018, 54, 724-726.	0.5	30
67	Implementing a Broadcast Storm Attack on a Mission-Critical Wireless Sensor Network. Lecture Notes in Computer Science, 2016, , 297-308.	1.0	29
68	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
69	Characterizing performance of load-aware network selection in multi-radio (WiFi/LTE) heterogeneous networks. , 2013, , .		28
70	Energy efficient communications for future broadband cellular networks. Computer Communications, 2012, 35, 1662-1671.	3.1	26
71	A novel security-centric framework for D2D connectivity based on spatial and social proximity. Computer Networks, 2016, 107, 327-338.	3.2	26
72	Machine-to-Machine Communications Over FiWi Enhanced LTE Networks: A Power-Saving Framework and End-to-End Performance. Journal of Lightwave Technology, 2016, 34, 1062-1071.	2.7	26

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74	Active-mode power optimization in OFDMA-based wireless networks. , 2010, , .		25
75	Quantifying the Impact of Guard Capacity on Session Continuity in 3GPP New Radio Systems. IEEE Transactions on Vehicular Technology, 2019, 68, 12345-12359.	3.9	24
76	Broadcasting Services Over 5G NR Enabled Multi-Beam Non-Terrestrial Networks. IEEE Transactions on Broadcasting, 2021, 67, 33-45.	2.5	24
77	A unifying perspective on proximity-based cellular-assisted mobile social networking. , 2016, 54, 108-116.		23
78	Characterizing the Impact of Diffuse Scattering in Urban Millimeter-Wave Deployments. IEEE Wireless Communications Letters, 2016, 5, 432-435.	3.2	22
79	Performance Analysis of Onshore NB-IoT for Container Tracking During Near-the-Shore Vessel Navigation. IEEE Internet of Things Journal, 2020, 7, 2928-2943.	5.5	22
80	Concept design and performance evaluation of UAV-based backhaul link with antenna steering. Journal of Communications and Networks, 2018, 20, 473-483.	1.8	21
81	Adaptive Resource Management Strategy in Practical Multi-Radio Heterogeneous Networks. IEEE Access, 2017, 5, 219-235.	2.6	20
82	Reliability-Centric Analysis of Offloaded Computation in Cooperative Wearable Applications. Wireless Communications and Mobile Computing, 2017, 2017, 1-15.	0.8	20
83	A SyMPHOnY of Integrated IoT Businesses: Closing the Gap between Availability and Adoption. , 2017, 55, 156-164.		19
84	System-level analysis of IEEE 802.11ah technology for unsaturated MTC traffic. International Journal of Sensor Networks, 2018, 26, 269.	0.2	19
85	Optimizing energy efficiency of a multi-radio mobile device in heterogeneous beyond-4G networks. Performance Evaluation, 2014, 78, 18-41.	0.9	18
86	Flexible Spectrum Management in a Smart City Within Licensed Shared Access Framework. IEEE Access, 2017, 5, 22252-22261.	2.6	18
87	Securing Network-Assisted Direct Communication: The Case of Unreliable Cellular Connectivity. , 2015, , .		17
88	Service failure and interruption probability analysis for Licensed Shared Access regulatory framework. , 2015, , .		17
89	Mobile Social Networking Under Side-Channel Attacks: Practical Security Challenges. IEEE Access, 2017, 5, 2591-2601.	2.6	17
90	Improving Session Continuity With Bandwidth Reservation in mmWave Communications. IEEE Wireless Communications Letters, 2019, 8, 105-108.	3.2	17

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91	Performance Analysis of Multi-Band Microwave and Millimeter-Wave Operation in 5G NR Systems. IEEE Transactions on Wireless Communications, 2021, 20, 3475-3490.	6.1	17
92	Modeling unreliable LSA operation in 3GPP LTE cellular networks. , 2014, , .		16
93	Assisted Handover Based on Device-to-Device Communications in 3GPP LTE Systems. , 2015, , .		16
94	Dynamic Trust Associations Over Socially-Aware D2D Technology: A Practical Implementation Perspective. IEEE Access, 2016, 4, 7692-7702.	2.6	16
95	Leveraging heterogeneous device connectivity in a converged 5G-IoT ecosystem. Computer Networks, 2017, 128, 123-132.	3.2	16
96	Mobility-Centric Analysis of Communication Offloading for Heterogeneous Internet of Things Devices. Wireless Communications and Mobile Computing, 2018, 2018, 1-11.	0.8	16
97	Characterizing Radio Wave Propagation in Urban Street Canyon With Vehicular Blockage at 28ÂGHz. IEEE Transactions on Vehicular Technology, 2020, 69, 1227-1236.	3.9	16
98	UAV-Aided Interference Assessment for Private 5G NR Deployments: Challenges and Solutions. IEEE Communications Magazine, 2020, 58, 89-95.	4.9	16
99	On the benefits of 5G wireless technology for future mobile cloud computing. , 2014, , .		15
100	Characterization of Radio Links at 60 GHz Using Simple Geometrical and Highly Accurate 3-D Models. IEEE Transactions on Vehicular Technology, 2017, 66, 4647-4656.	3.9	15
101	Dynamic Resource Sharing in 5G with LSA: Criteria-Based Management Framework. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	0.8	15
102	Action-Oriented Programming Model: Collective Executions and Interactions in the Fog. Journal of Systems and Software, 2019, 157, 110391.	3.3	15
103	An Efficient and Scalable Simulation Model for Autonomous Vehicles With Economical Hardware. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 1718-1732.	4.7	15
104	IEEE 802.16m energy-efficient sleep mode operation analysis with mean delay restriction. , 2009, , .		14
105	Performance Evaluation of UAV-Assisted mmWave Operation in Mobility-Enabled Urban Deployments. , 2018, , .		14
106	Socially Inspired Relaying and Proactive Mode Selection in mmWave Vehicular Communications. IEEE Internet of Things Journal, 2019, 6, 5172-5183.	5.5	14
107	Time-Dependent SIR Modeling For D2D Communications In Indoor Deployments. , 2017, , .		14
108	Analyzing the overload of 3GPP LTE system by diverse classes of connected-mode MTC devices. , 2014, , .		13

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109	Implementing secure network-assisted D2D framework in live 3GPP LTE deployment. , 2016, , .		13
110	Analysis of Intelligent Vehicular Relaying in Urban 5G+ Millimeter-Wave Cellular Deployments. , 2019, , .		13
111	Applying Blockchain Technology for User Incentivization in mmWave-Based Mesh Networks. IEEE Access, 2020, 8, 50983-50994.	2.6	13
112	Joint Use of Guard Capacity and Multiconnectivity for Improved Session Continuity in Millimeter-Wave 5G NR Systems. IEEE Transactions on Vehicular Technology, 2021, 70, 2657-2672.	3.9	13
113	Performance of the IEEE 802.16e Sleep Mode Mechanism in the Presence of Bidirectional Traffic. , 2009, , .		12
114	An applicability assessment of IEEE 802.11 technology for machine-type communications. , 2012, , .		12
115	Predicting user QoE satisfaction in current mobile networks. , 2014, , .		12
116	LTE performance analysis using queuing systems with finite resources and random requirements. , 2015, , .		12
117	Assessing System-Level Energy Efficiency of mmWave-Based Wearable Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 923-937.	9.7	12
118	Time-Dependent Energy and Resource Management in Mobility-Aware D2D-Empowered 5G Systems. IEEE Wireless Communications, 2017, 24, 14-22.	6.6	12
119	Improved Network Coverage with Adaptive Navigation of mmWave-Based Drone-Cells. , 2018, , .		12
120	A Concise Review of 5G New Radio Capabilities for Directional Access at mmWave Frequencies. Lecture Notes in Computer Science, 2018, , 340-354.	1.0	12
121	Analysis of 3D Deafness Effects in Highly Directional mmWave Communications. , 2019, , .		12
122	Hover or Perch: Comparing Capacity of Airborne and Landed Millimeter-Wave UAV Cells. IEEE Wireless Communications Letters, 2020, 9, 2059-2063.	3.2	12
123	Internet of Things and Sensor Networks. IEEE Communications Magazine, 2020, 58, 74-74.	4.9	12
124	Improved Session Continuity in 5G NR with Joint Use of Multi-Connectivity and Guard Bandwidth. , 2018, , .		11
125	Spatially-Consistent Human Body Blockage Modeling: A State Generation Procedure. IEEE Transactions on Mobile Computing, 2020, 19, 2221-2233.	3.9	11
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127	Two approaches to analyzing dynamic cellular networks with limited resources. , 2014, , .		10
128	Analytical performance estimation of networkâ€assisted D2D communications in urban scenarios with rectangular cells. Transactions on Emerging Telecommunications Technologies, 2017, 28, e2999.	2.6	10
129	Emerging 5G applications over mmWave: Hands-on assessment of WiGig radios. , 2017, , .		10
130	Tailoring NB-IoT for Mass Market Applications: A Mobile Operator's Perspective. , 2018, , .		10
131	Ray-Based Modeling of Directional Millimeter-Wave V2V Transmissions in Highway Scenarios. IEEE Access, 2020, 8, 54482-54493.	2.6	10
132	Coexistence Analysis of 5G NR Unlicensed and WiGig in Millimeter-Wave Spectrum. IEEE Transactions on Vehicular Technology, 2021, 70, 11721-11735.	3.9	10
133	Overall Delay Analysis of IEEE 802.16 Network. , 2009, , .		9
134	Some modeling approaches for client relay networks. , 2010, , .		9
135	Characterizing the effect of packet losses in current WLAN Deployments. , 2013, , .		9
136	Facilitating mmWave Mesh Reliability in PPDR Scenarios Utilizing Artificial Intelligence. IEEE Access, 2019, 7, 180700-180712.	2.6	9
137	On the Performance of Multi-Gateway LoRaWAN Deployments: An Experimental Study. , 2020, , .		9
138	SICTA Modifications with Single Memory Location and Resistant to Cancellation Errors. Lecture Notes in Computer Science, 2008, , 13-24.	1.0	8
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140	Random Triangle: A Baseline Model for Interference Analysis in Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 6778-6782.	3.9	8
141	Analyzing Effects of Directional Deafness on mmWave Channel Access in Unlicensed Bands. , 2017, , .		8
142	An Analytical Representation of the 3GPP 3D Channel Model Parameters for mmWave Bands. , 2018, , .		8
143	Reinforcement Learning for Improved UAV-Based Integrated Access and Backhaul Operation. , 2020, , .		8
144	Network-Assisted D2D Over WiFi Direct. , 2014, , 165-218.		8

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145	On IEEE 802.16m Overload Control for Smart Grid Deployments. Lecture Notes in Computer Science, 2012, , 86-94.	1.0	8
146	Networking and Positioning Co-Design in Multi-Connectivity Industrial mmW Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 15842-15856.	3.9	8
147	Performance Evaluation of a Three Node Client Relay System. International Journal of Wireless Networks and Broadband Technologies, 2011, 1, 73-84.	1.0	8
148	Delay analysis of IEEE 802.16 wireless metropolitan area network. , 2008, , .		7
149	On Capturing Spatial Diversity of Joint M2M/H2H Dynamic Uplink Transmissions in 3GPP LTE Cellular System. Lecture Notes in Computer Science, 2015, , 407-421.	1.0	7
150	Modeling the utilization of a multi-tenant band in 3GPP LTE system with Licensed Shared Access. , 2016, , .		7
151	Modeling Unreliable Operation of mmWave-Based Data Sessions in Mission-Critical PPDR Services. IEEE Access, 2017, 5, 20536-20544.	2.6	7
152	Modeling Transmit Power Reduction for a Typical Cell With Licensed Shared Access Capabilities. IEEE Transactions on Vehicular Technology, 2018, 67, 5505-5509.	3.9	7
153	Breaking the Limits in Urban Video Monitoring: Massive Crowd Sourced Surveillance over Vehicles. IEEE Wireless Communications, 2018, 25, 104-112.	6.6	7
154	Improving Initial Access Reliability of 5G mmWave Cellular in Massive V2X Communications Scenarios. , 2018, , .		7
155	Understanding UAV-Based WPCN-Aided Capabilities for Offshore Monitoring Applications. IEEE Wireless Communications, 2021, 28, 114-120.	6.6	7
156	IEEE 802.11 and 802.16 Cooperation Within Multi-Radio Stations. Wireless Personal Communications, 2011, 58, 525-543.	1.8	6
157	Modeling contention-based M2M transmissions over 3GPP LTE cellular networks. , 2014, , .		6
158	An Analytical Approach to SINR Estimation in Adjacent Rectangular Cells. Lecture Notes in Computer Science, 2015, , 446-458.	1.0	6
159	Experimental Evaluation of Dynamic Licensed Shared Access Operation in Live 3GPP LTE System. , 2016, , .		6
160	D2D communications for mobile devices: Technology overview and prototype implementation. , 2016, , .		6
161	Multi-channel random access with replications. , 2017, , .		6
162	V2X Connectivity: From LTE to Joint Millimeter Wave Vehicular Communications and Radar Sensing. , 2019, , .		6

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163	Reliability of UAV Connectivity in Dual-MNO Networks: A Performance Measurement Campaign. , 2020, , .		6
164	Self-Interference Assessment and Mitigation in 3GPP IAB Deployments. , 2021, , .		6
165	Energy-Efficient Operation of a Mobile User in a Multi-tier Cellular Network. Lecture Notes in Computer Science, 2013, , 198-213.	1.0	6
166	Comparative Analysis of Sleep Mode Control Algorithms for Contemporary Metropolitan Area Wireless Networks. Lecture Notes in Computer Science, 2010, , 184-195.	1.0	6
167	Wireless M-BUS: An Attractive M2M Technology for 5G-Grade Home Automation. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 144-156.	0.2	6
168	Contention-Based Polling Efficiency in Broadband Wireless Networks. , 2008, , 295-309.		6
169	Performance Comparison of System Level Simulators for 3GPP LTE Uplink. Lecture Notes in Computer Science, 2012, , 186-197.	1.0	5
170	User's happiness in numbers: Understanding mobile YouTube quality expectations. , 2015, , .		5
171	Remote management of intelligent devices: Using TR-069 protocol in IoT. , 2016, , .		5
172	Random-access latency optimization and stability of highly-populated LTE-based M2M deployments. , 2016, , .		5
173	Secure and Connected Wearable Intelligence for Content Delivery at a Mass Event: A Case Study. Journal of Sensor and Actuator Networks, 2017, 6, 5.	2.3	5
174	A Practical Perspective on 5G-Ready Highly Dynamic Spectrum Management with LSA. Wireless Communications and Mobile Computing, 2018, 2018, 1-10.	0.8	5
175	Communication Performance of a Real-Life Wide-Area Low-Power Network Based on Sigfox Technology. , 2020, , .		5
176	Cellular Connectivity and Wearable Technology Enablers for Industrial Mid-End Applications. IEEE Communications Magazine, 2021, 59, 61-67.	4.9	5
177	Upper Bound on Overall Delay in Wireless Broadband Networks with Non Real-Time Traffic. Lecture Notes in Computer Science, 2010, , 262-276.	1.0	5
178	Characterizing throughput and convergence time in dynamic multi-connectivity 5G deployments. Computer Communications, 2022, 187, 45-58.	3.1	5
179	Calculation of transmission probability in heterogeneous Ad Hoc Networks. , 2011, , .		4
180	Performance Evaluation of Uplink Delay-Tolerant Packet Service in IEEE 802.16-Based Networks. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	4

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181	Prioritized Centrally-Controlled Resource Allocation in Integrated Multi-RAT HetNets. , 2015, , .		4
182	Time-Dependent SIR Analysis in Shopping Malls Using Fractal-Based Mobility Models. Lecture Notes in Computer Science, 2017, , 16-25.	1.0	4
183	Modeling Three-Dimensional Interference and SIR in Highly Directional mmWave Communications. , 2017, , .		4
184	Optimizing Wirelessly Powered Crowd Sensing: Trading Energy for Data. , 2018, , .		4
185	Learning-Aided Multi-RAT Operation for Battery Lifetime Extension in LPWAN Systems. , 2020, , .		4
186	LPWAN Coverage Assessment Planning Without Explicit Knowledge of Base Station Locations. IEEE Internet of Things Journal, 2022, 9, 4031-4050.	5.5	4
187	Cross-Layer Channel-Aware Approaches for Modern Wireless Networks. Lecture Notes in Computer Science, 2010, , 163-179.	1.0	4
188	System-Level Evaluation of Opportunistic Client Cooperation in Wireless Cellular Networks. , 2011, , .		3
189	On the optimal assisted rate allocation in N-tier multi-RAT heterogeneous networks. , 2014, , .		3
190	Revisiting Assumptions in Backoff Process Modeling and Queueing Analysis of Wireless Local Area Networks (WLANs). Computer Journal, 2014, 57, 924-938.	1.5	3
191	Delivering uniform connectivity and service experience to converged 5G wireless networks. , 2014, , .		3
192	Feasibility analysis of ITU-T P.1201 Amd.2 standard for video on demand services. , 2015, , .		3
193	Simplified Probabilistic Modelling and Analysis of Enhanced Distributed Coordination Access in IEEE 802.11. Computer Journal, 2015, 58, 1456-1468.	1.5	3
194	Dynamic Social Trust Associations over D2D Communications: An Implementation Perspective. , 2016, , .		3
195	Dynamic Trust Management Framework for Robotic Multi-Agent Systems. Lecture Notes in Computer Science, 2016, , 339-348.	1.0	3
196	Toward Massive Ray-Based Simulations of mmWave Small Cells on Open Urban Maps. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1435-1438.	2.4	3
197	Networking Solutions for Integrated Heterogeneous Wireless Ecosystem. , 2017, , .		3
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200	Modeling System-Level Dynamics of Direct XR Sessions over mmWave Links. , 2020, , .		3
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203	Delay Analysis of Wireless Broadband Networks with Non Real-Time Traffic. Lecture Notes in Computer Science, 2011, , 206-217.	1.0	3
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