Regius Rahim Tafazolli

List of Publications by Year
in descending order

208 **papers**	6,489 **citations**	81900 39 **h-index**	79698 73 **g-index**
208 **all docs**	208 **docs citations**	208 **times ranked**	6195 **citing authors**

#	Article	IF	Citations
1	5G Backhaul Challenges and Emerging Research Directions: A Survey. IEEE Access, 2016, 4, 1743-1766.	4.2	558
2	Novel Low-Density Signature for Synchronous CDMA Systems Over AWGN Channel. IEEE Transactions on Signal Processing, 2008, 56, 1616-1626.	5.3	527
3	An Energy-Efficient Clustering Solution for Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3973-3983.	9.2	245
4	Analytical Study of the IEEE 802.11p MAC Sublayer in Vehicular Networks. IEEE Transactions on Intelligent Transportation Systems, 2012, 13, 873-886.	8.0	216
5	Enabling Massive IoT in 5G and Beyond Systems: PHY Radio Frame Design Considerations. IEEE Access, 2016, 4, 3322-3339.	4.2	182
6	Broadband mm-Wave Microstrip Array Antenna With Improved Radiation Characteristics for Different 5G Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 4641-4647.	5.1	172
7	On Interference Avoidance Through Inter-Cell Interference Coordination (ICIC) Based on OFDMA Mobile Systems. IEEE Communications Surveys and Tutorials, 2013, 15, 973-995.	39.4	138
8	Massive MIMO Performance With Imperfect Channel Reciprocity and Channel Estimation Error. IEEE Transactions on Communications, 2017, 65, 3734-3749.	7.8	130
9	On the Energy Efficiency-Spectral Efficiency Trade-off over the MIMO Rayleigh Fading Channel. IEEE Transactions on Communications, 2012, 60, 1345-1356.	7.8	120
10	Separation Framework: An Enabler for Cooperative and D2D Communication for Future 5G Networks. IEEE Communications Surveys and Tutorials, 2016, 18, 419-445.	39.4	109
11	Design of Phased Arrays of Series-Fed Patch Antennas With Reduced Number of the Controllers for 28-GHzÂmm-Wave Applications. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1305-1308.	4.0	108
12	On the Evolution of Multi-Cell Scheduling in 3GPP LTE / LTE-A. IEEE Communications Surveys and Tutorials, 2013, 15, 701-717.	39.4	107
13	Network Coding Theory: A Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 1950-1978.	39.4	106
14	Control-Data Separation Architecture for Cellular Radio Access Networks: A Survey and Outlook. IEEE Communications Surveys and Tutorials, 2016, 18, 446-465.	39.4	102
15	Subband Filtered Multi-Carrier Systems for Multi-Service Wireless Communications. IEEE Transactions on Wireless Communications, 2017, 16, 1893-1907.	9.2	100
16	Fed-IIoT: A Robust Federated Malware Detection Architecture in Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 8442-8452.	11.3	97
17	Sub-6 GHz Dual-Band 8Ã—Ã8 MIMO Antenna for 5G Smartphones. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1546-1550.	4.0	86
18	Admission control schemes for 802.11-based multi-hop mobile ad hoc networks: a survey. IEEE Communications Surveys and Tutorials, 2009, 11, 78-108.	39.4	81

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19	A Novel Distributed Asynchronous Multichannel MAC Scheme for Large-Scale Vehicular Ad Hoc Networks. IEEE Transactions on Vehicular Technology, 2012, 61, 3125-3138.	6.3	81
20	Reconfigurable Intelligent Surface (RIS) in the Sub-6 GHz Band: Design, Implementation, and Real-World Demonstration. IEEE Access, 2022, 10, 2646-2655.	4.2	77
21	HDMA: Hybrid D2D Message Authentication Scheme for 5G-Enabled VANETs. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5071-5080.	8.0	73
22	High Altitude Platform Station (HAPS): A Review of New Infrastructure Development for Future Wireless Communications. Wireless Personal Communications, 2007, 42, 387-404.	2.7	70
23	Caching Transient Data in Internet Content Routers. IEEE/ACM Transactions on Networking, 2017, 25, 1048-1061.	3.8	70
24	Multi-Service System: An Enabler of Flexible 5G Air Interface. , 2017, 55, 152-159.		65
25	A survey on clustering techniques for cooperative wireless networks. Ad Hoc Networks, 2016, 47, 53-81.	5.5	63
26	Bit and Power Loading for OFDM-Based Three-Node Relaying Communications. IEEE Transactions on Signal Processing, 2008, 56, 3236-3247.	5.3	60
27	Full-Duplex Wireless-Powered Relay in Two Way Cooperative Networks. IEEE Access, 2017, 5, 1548-1558.	4.2	59
28	Power allocation for bidirectional AF relaying over rayleigh fading channels. IEEE Communications Letters, 2010, 14, 145-147.	4.1	58
29	CLWPR &#x2014; A novel cross-layer optimized position based routing protocol for VANETs. , 2011, , .		58
30	Joint TDD Backhaul and Access Optimization in Dense Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5288-5299.	6.3	57
31	Interference Mitigation in D2D Communication Underlaying LTE-A Network. IEEE Access, 2016, 4, 7967-7987.	4.2	57
32	Semi-Persistent RRC Protocol for Machine-Type Communication Devices in LTE Networks. IEEE Access, 2015, 3, 864-874.	4.2	56
33	Dynamic Clustering Framework for Multi-Cell Scheduling in Dense Small Cell Networks. IEEE Communications Letters, 2013, 17, 1802-1805.	4.1	51
34	Enhanced Matching and Vialess Decoupling of Nearby Patch Antennas for MIMO System. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1066-1070.	4.0	51
35	Survey of Radio Resource Management in 5G Heterogeneous Networks. IEEE Access, 2020, 8, 131202-131223.	4.2	51
36	Channel Equalization and Interference Analysis for Uplink Narrowband Internet of Things (NB-IoT). IEEE Communications Letters, 2017, 21, 2206-2209.	4.1	47

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37	Computationally Intelligent Techniques for Resource Management in MmWave Small Cell Networks. IEEE Wireless Communications, 2018, 25, 32-39.	9.0	47
38	Fuzzy Logic-Based Routing Algorithm for Lifetime Enhancement in Heterogeneous Wireless Sensor Networks. IEEE Transactions on Green Communications and Networking, 2018, 2, 517-532.	5.5	45
39	The Race to 5G Era; LTE and Wi-Fi. IEEE Access, 2018, 6, 56598-56636.	4.2	44
40	An Accurate Closed-Form Approximation of the Distributed MIMO Outage Probability. IEEE Transactions on Wireless Communications, 2011, 10, 5-11.	9.2	41
41	Wireless Backhaul: Performance Modeling and Impact on User Association for 5G. IEEE Transactions on Wireless Communications, 2018, 17, 3095-3110.	9.2	41
42	A Survey on Coverage Enhancement in Cellular Networks: Challenges and Solutions for Future Deployments. IEEE Communications Surveys and Tutorials, 2021, 23, 1302-1341.	39.4	41
43	A tight closed-form approximation of the log-normal fading channel capacity. IEEE Transactions on Wireless Communications, 2009, 8, 2842-2847.	9.2	38
44	On the Trade-Off Between Security and Energy Efficiency in Cooperative Spectrum Sensing for Cognitive Radio. IEEE Communications Letters, 2013, 17, 1564-1567.	4.1	38
45	Improved High Resolution TOA Estimation for OFDM-WLAN Based Indoor Ranging. IEEE Wireless Communications Letters, 2013, 2, 163-166.	5.0	37
46	A Distributed SON-Based User-Centric Backhaul Provisioning Scheme. IEEE Access, 2016, 4, 2314-2330.	4.2	37
47	A Fast Calibration Method for Triaxial Magnetometers. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2929-2937.	4.7	36
48	Priority-Based Flow Control for Dynamic and Reliable Flow Management in SDN. IEEE Transactions on Network and Service Management, 2018, 15, 1720-1732.	4.9	35
49	PPVF: Privacy-Preserving Protocol for Vehicle Feedback in Cloud-Assisted VANET. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9391-9403.	8.0	35
50	Predictive and Core-Network Efficient RRC Signalling for Active State Handover in RANs With Control/Data Separation. IEEE Transactions on Wireless Communications, 2017, 16, 1423-1436.	9.2	34
51	Capacity and costs for 5G networks in dense urban areas. IET Communications, 2018, 12, 2502-2510.	2.2	34
52	A priority, power and traffic-aware virtual machine placement of IoT applications in cloud data centers. Journal of Systems Architecture, 2021, 115, 101996.	4.3	34
53	Scheduling as an important cross-layer operation for emerging broadband wireless systems. IEEE Communications Surveys and Tutorials, 2009, 11, 74-86.	39.4	33
54	RSS: An Energy-Efficient Approach for Securing IoT Service Protocols Against the DoS Attack. IEEE Internet of Things Journal, 2021, 8, 3619-3635.	8.7	33

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55	Throughput Analysis of the IEEE 802.11p Enhanced Distributed Channel Access Function in Vehicular Environment. , 2010, , .		32
56	Channel Estimation for OFDMA Uplink: a Hybrid of Linear and BEM Interpolation Approach. IEEE Transactions on Signal Processing, 2007, 55, 1568-1573.	5.3	31
57	Energy-Aware Radio Resource Management in D2D-Enabled Multi-Tier HetNets. IEEE Access, 2018, 6, 16610-16622.	4.2	31
58	Resource Allocations for Symbiotic Radio With Finite Blocklength Backscatter Link. IEEE Internet of Things Journal, 2020, 7, 8192-8207.	8.7	31
59	Coverage Gain and Device-to-Device User Density: Stochastic Geometry Modeling and Analysis. IEEE Communications Letters, 2015, 19, 1742-1745.	4.1	30
60	Cell Fault Management Using Machine Learning Techniques. IEEE Access, 2019, 7, 124514-124539.	4.2	30
61	Energy-Efficient and Load-Proportional eNodeB for 5G User-Centric Networks: A Multilevel Sleep Strategy Mechanism. IEEE Vehicular Technology Magazine, 2018, 13, 51-59.	3.4	27
62	Dynamic Cooperative Spectrum Sharing in a Multi-Beam LEO-GEO Co-Existing Satellite System. IEEE Transactions on Wireless Communications, 2022, 21, 1170-1182.	9.2	27
63	A Novel Equivalent Definition of Modified Bessel Functions for Performance Analysis of Multi-Hop Wireless Communication Systems. IEEE Access, 2017, 5, 7594-7605.	4.2	26
64	Self Organization of Tilts in Relay Enhanced Networks: A Distributed Solution. IEEE Transactions on Wireless Communications, 2014, 13, 764-779.	9.2	25
65	Energy Efficient Inter-Frequency Small Cell Discovery in Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7122-7135.	6.3	25
66	Adaptive Modulation for Opportunistic Decode-and-Forward Relaying. IEEE Transactions on Wireless Communications, 2011, 10, 2017-2022.	9.2	24
67	Estimation of Carrier Frequency Offset for Multicarrier CDMA Uplink. IEEE Transactions on Signal Processing, 2007, 55, 2617-2627.	5.3	22
68	Seamless Handover for LTE Macro-Femto Networks Based on Reactive Data Bicasting. IEEE Communications Letters, 2012, 16, 1788-1791.	4.1	21
69	RIS Assisted Wireless Powered IoT Networks With Phase Shift Error and Transceiver Hardware Impairment. IEEE Transactions on Communications, 2022, 70, 4910-4924.	7.8	21
70	Massively Parallel Tree Search for High-Dimensional Sphere Decoders. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2309-2325.	5.6	20
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74	Achieving Robust Mobile Web Content Delivery Performance Based on Multiple Coordinated QUIC Connections. IEEE Access, 2018, 6, 11313-11328.	4.2	19
75	High-Gain Phased Array Antenna With Endfire Radiation for 26 GHz Wide-Beam-Scanning Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 3015-3020.	5.1	19
76	LEVER: Secure Deduplicated Cloud Storage With Encrypted Two-Party Interactions in Cyber--Physical Systems. IEEE Transactions on Industrial Informatics, 2021, 17, 5759-5768.	11.3	19
77	Throughput Analysis and User Barring Design for Uplink NOMA-Enabled Random Access. IEEE Transactions on Wireless Communications, 2021, 20, 6298-6314.	9.2	19
78	Subcarrier and Power Allocation with Multiple Power Constraints in OFDMA Systems. IEEE Communications Letters, 2010, 14, 644-646.	4.1	18
79	Low-Complexity MU-MIMO Nonlinear Precoding Using Degree-2 Sparse Vector Perturbation. IEEE Journal on Selected Areas in Communications, 2016, 34, 497-509.	14.0	18
80	Dynamic Preamble Subset Allocation for RAN Slicing in 5G Networks. IEEE Access, 2018, 6, 13015-13032.	4.2	18
81	Beamforming Design in SWIPT-Based Joint Multicast-Unicast mmWave Massive MIMO With Lens-Antenna Array. IEEE Wireless Communications Letters, 2019, 8, 1124-1128.	5.0	18
82	A Novel Unipolar Transmission Scheme for Visible Light Communication. IEEE Transactions on Communications, 2020, 68, 2426-2437.	7.8	18
83	H2-ARQ-Relaying: Spectrum and Energy Efficiency Perspectives. IEEE Journal on Selected Areas in Communications, 2011, 29, 1547-1558.	14.0	17
84	Indoor wideband directional millimeter wave channel measurements and analysis at 26 GHz, 32 GHz, and 39 GHz. Transactions on Emerging Telecommunications Technologies, 2018, 29, e3311.	3.9	17
85	Optimal Energy-Efficient Source and Relay Precoder Design for Cooperative MIMO-AF Systems. IEEE Transactions on Signal Processing, 2018, 66, 573-588.	5.3	17
86	Multi-Channel Near-Field Terahertz Communications Using Reprogrammable Graphene-Based Digital Metasurface. Journal of Lightwave Technology, 2021, 39, 6893-6907.	4.6	17
87	Success Probability of Multiple-Preamble-Based Single-Attempt Random Access to Mobile Networks. IEEE Communications Letters, 2017, 21, 1755-1758.	4.1	16
88	Memory-Full Context-Aware Predictive Mobility Management in Dual Connectivity 5G Networks. IEEE Access, 2018, 6, 9655-9666.	4.2	16
89	Developing the First mmWave Fully-Connected Hybrid Beamformer With a Large Antenna Array. IEEE Access, 2020, 8, 141282-141291.	4.2	16
90	Smart Grid Security and Privacy: From Conventional to Machine Learning Issues (Threats and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 62 T	4.2	16

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91	An Efficient Resource Allocation Strategy for Future Wireless Cellular Systems. IEEE Transactions on Wireless Communications, 2008, 7, 2940-2949.	9.2	15
92	On the Relation Between Energy Efficiency and Spectral Efficiency of Multiple-Antenna Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 3463-3469.	6.3	15
93	Market Driven Dynamic Spectrum Allocation over Space and Time among Radio-Access Networks: DVB-T and B3G CDMA with Heterogeneous Terminals. Mobile Networks and Applications, 2006, 11, 847-860.	3.3	14
94	Dual Antenna Selection in Self-Backhauling Multiple Small Cell Networks. IEEE Communications Letters, 2016, 20, 1611-1614.	4.1	14
95	Opportunistic Spectrum Sharing for D2D-Based URLLC. IEEE Transactions on Vehicular Technology, 2019, 68, 8995-9006.	6.3	14
96	A Load-Aware Clustering Model for Coordinated Transmission in Future Wireless Networks. IEEE Access, 2019, 7, 92693-92708.	4.2	14
97	Power Budgeting of LEO Satellites: An Electrical Power System Design for 5G Missions. IEEE Access, 2021, 9, 113258-113269.	4.2	14
98	How Reliable is MDT-Based Autonomous Coverage Estimation in the Presence of User and BS Positioning Error?. IEEE Wireless Communications Letters, 2016, 5, 196-199.	5.0	13
99	Limited-Fronthaul Cell-Free Massive MIMO With Local MMSE Receiver Under Rician Fading and Phase Shifts. IEEE Wireless Communications Letters, 2021, 10, 1934-1938.	5.0	13
100	Relay Station Access Link Spectral Efficiency Optimization Through SO of Macro BS Tilts. IEEE Communications Letters, 2011, 15, 1326-1328.	4.1	12
101	Energy-Efficient Power Allocation for Point-to-Point MIMO Systems over the Rayleigh Fading Channel. IEEE Wireless Communications Letters, 2012, 1, 304-307.	5.0	12
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103	A New Dimension to Spectrum Management in IoT Empowered 5G Networks. IEEE Network, 2019, 33, 186-193.	6.9	12
104	Holographic-Based Leaky-Wave Structures: Transformation of Guided Waves to Leaky Waves. IEEE Microwave Magazine, 2021, 22, 49-63.	0.8	12
105	Trends in Intelligent Communication Systems: Review of Standards, Major Research Projects, and Identification of Research Gaps. Journal of Sensor and Actuator Networks, 2021, 10, 60.	3.9	12
106	Soft Decode and Forward of MQAM Modulations for Cooperative Relay Channels. IEEE Vehicular Technology Conference, 2008, , .	0.4	11
107	Asynchronous Multi-Channel MAC for Vehicular Ad Hoc Networks. , 2011, , .		11
108	Energy-Efficiency Based Resource Allocation for the Orthogonal Multi-User Channel. , 2012, , .		11

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109	Joint Rate Adaptation and Best-Relay Selection Using Limited Feedback. IEEE Transactions on Wireless Communications, 2013, 12, 2797-2805.	9.2	11
110	Green Inter-Cluster Interference Management in Uplink of Multi-Cell Processing Systems. IEEE Transactions on Wireless Communications, 2014, 13, 6580-6592.	9.2	11
111	A Novel Indexing Method for Scalable IoT Source Lookup. IEEE Internet of Things Journal, 2018, 5, 2037-2054.	8.7	11
112	The Power of Mobility Prediction in Reducing Idle-State Signaling in Cellular Systems: A Revisit to 4G Mobility Management. IEEE Transactions on Wireless Communications, 2020, 19, 3346-3360.	9.2	11
113	Closed-loop and open-loop authentication protocols for blockchain-based IoT systems. Information Processing and Management, 2021, 58, 102568.	8.6	11
114	FIDS: A Federated Intrusion Detection System for 5G Smart Metering Network. , 2021, , .		11
115	BER performance analysis of a Cooperative BICM system based on post-BSC model. , 2008, , .		10
116	Cluster-Based Differential Energy Detection for Spectrum Sensing in Multi-Carrier Systems. IEEE Transactions on Signal Processing, 2012, 60, 6450-6464.	5.3	10
117	Lightweight security against combined IE and SSDF attacks in cooperative spectrum sensing for cognitive radio networks. Security and Communication Networks, 2015, 8, 3978-3994.	1.5	10
118	Optimal Energy-Efficient Joint Resource Allocation for Multi-Hop MIMO-AF Systems. IEEE Transactions on Communications, 2016, 64, 3655-3668.	7.8	10
119	An evaluation of routing in vehicular networks using analytic hierarchy process. Wireless Communications and Mobile Computing, 2016, 16, 895-911.	1.2	10
120	Performance Analysis of Ultra-Dense Networks With Regularly Deployed Base Stations. IEEE Transactions on Wireless Communications, 2020, 19, 3530-3545.	9.2	10
121	Polarization Modulation Design for Reduced RF Chain Wireless. IEEE Transactions on Communications, 2020, 68, 3890-3907.	7.8	10
122	Softwarization of 5G Networks—Implications to Open Platforms and Standardizations. IEEE Access, 2021, 9, 88902-88930.	4.2	10
123	Multiobjective Resource Allocation for mmWave MEC Offloading Under Competition of Communication and Computing Tasks. IEEE Internet of Things Journal, 2022, 9, 8707-8719.	8.7	10
124	Long Slot mmWave Low-SLL Periodic-Modulated Leaky-Wave Antenna Based on Empty SIW. IEEE Transactions on Antennas and Propagation, 2022, 70, 1857-1868.	5.1	10
125	Energy-Efficient Clustering for Wireless Sensor Networks with Unbalanced Traffic Load. , 2010, , .		9
126	A Distributed Method of Inter-Cell Interference Coordination (ICIC) Based on Dual Decomposition for Interference-Limited Cellular Networks. IEEE Communications Letters, 2013, 17, 1144-1147.	4.1	9

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127	Performance Analysis and Optimal Cooperative Cluster Size for Randomly Distributed Small Cells Under Cloud RAN. IEEE Access, 2016, 4, 1925-1939.	4.2	9
128	Damysus: A Practical IEEE 802.11ax BSS Color Aware Rate Control Algorithm. International Journal of Wireless Information Networks, 2019, 26, 285-307.	2.7	9
129	SWORD: Towards a Soft and Open Radio Design for Rapid Development, Profiling, Validation and Testing. IEEE Access, 2019, 7, 186017-186040.	4.2	9
130	Surface Electromagnetic Performance Analysis of a Graphene-Based Terahertz Sensor Using a Novel Spectroscopy Technique. IEEE Journal on Selected Areas in Communications, 2021, 39, 1797-1816.	14.0	9
131	Online Advertising Security: Issues, Taxonomy, and Future Directions. IEEE Communications Surveys and Tutorials, 2021, 23, 2494-2524.	39.4	9
132	Satellite-Based Non-Terrestrial Networks in 5G: Insights and Challenges. IEEE Access, 2022, 10, 11274-11283.	4.2	9
133	Remote Production for Live Holographic Teleportation Applications in 5G Networks. IEEE Transactions on Broadcasting, 2022, 68, 451-463.	3.2	9
134	Performance comparison of scheduling algorithms in network mobility environment. Computer Communications, 2008, 31, 1727-1738.	5.1	8
135	Energy Efficiency Contours for Single-Carrier Downlink Channels. IEEE Communications Letters, 2011, 15, 1307-1309.	4.1	8
136	Frequency offset estimation based on PRACH preambles in LTE. , 2014, , .		8
137	Hybrid-ARQ-Aided Short Fountain Codes Designed for Block-Fading Channels. IEEE Transactions on Vehicular Technology, 2015, 64, 5701-5712.	6.3	8
138	Spatial and Social Paradigms for Interference and Coverage Analysis in Underlay D2D Network. IEEE Transactions on Vehicular Technology, 2017, 66, 9328-9337.	6.3	8
139	Performance analysis of session initiation protocol based call set-up over satellite-UMTS network. Computer Communications, 2005, 28, 1416-1427.	5.1	7
140	The effects of shadowâ€fading on QoSâ€aware routing and admission control protocols designed for multiâ€hop MANETs. Wireless Communications and Mobile Computing, 2011, 11, 1-22.	1.2	7
141	Posterior Cramer-Rao Bound for Inertial Sensors Enhanced Mobile Positioning Under The Random Walk Motion Model. IEEE Wireless Communications Letters, 2012, 1, 629-632.	5.0	7
142	Codebook Based Single-User MIMO System Design with Widely Linear Processing. IEEE Transactions on Communications, 2012, 60, 1-7.	7.8	7
143	Towards a position and orientation independent approach for pervasive observation of user direction with mobile phones. Pervasive and Mobile Computing, 2015, 17, 23-42.	3.3	7
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145	HARQ in Relay-Assisted Transmission for Machine Type Communications. IEEE Wireless Communications Letters, 2016, 5, 172-175.	5.0	7
146	Virtualising and orchestrating a 5G evolved packet core network. , 2017, , .		6
147	Dynamic Priority Based Reliable Real-Time Communications for Infrastructure-Less Networks. IEEE Access, 2018, 6, 67338-67359.	4.2	6
148	A Two-layer Collaborative Vehicle-Edge Intrusion Detection System for Vehicular Communications. , 2021, , .		6
149	Compact Multimode Quadrifilar Helical Antenna for GNSS-R Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 755-759.	4.0	6
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155	Machine-Learning-Based Approach for Diffraction Loss Variation Prediction by the Human Body. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2301-2305.	4.0	5
156	Preamble Barring: A Novel Random Access Scheme for Machine Type Communications with Unpredictable Traffic Bursts. , 2019, , .		5
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159	A Tight Upper Bound for Enhanced DCT-OFDM With Index Modulation. IEEE Transactions on Vehicular Technology, 2020, 69, 16213-16217.	6.3	5
160	Systematic Design of a Holographic-Based Metasurface Reflector in the Sub-6 GHz Band. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1960-1964.	4.0	5
161	Suboptimal Search Algorithm in Conjunction With Polynomial-Expanded Linear Multiuser Detector for FDD WCDMA Mobile Uplink. IEEE Transactions on Vehicular Technology, 2007, 56, 3600-3606.	6.3	4
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164	Energy-efficient resource allocation for orthogonal multi-antenna multi-carrier channel. , 2013, , .		4
165	Modular Approach for Modelling the Hybrid Multi-Hop Backhaul Performance. IEEE Wireless Communications Letters, 2017, 6, 262-265.	5.0	4
166	Intracell Interference Characterization and Cluster Interference for D2D Communication. IEEE Transactions on Vehicular Technology, 2018, 67, 8536-8548.	6.3	4
167	Evaluating Non-Linear Beamforming in a 3GPP-Compliant Framework Using the SWORD Platform. , 2020, , .		4
168	Cooperative Spectrum Sharing in a Co-existing LEO-GEO Satellite System. , 2020, , .		4
169	Seamless multimedia sessions and real-time measurements in hybrid 3G and WLAN networks. International Journal of Wireless and Mobile Computing, 2007, 2, 159.	0.2	3
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175	Spectrum Sharing With Decentralized Occupation Control in Rule Regulated Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 281-294.	7.9	3
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177	Frame Synchronisation for Multi-Source Holograhphic Teleportation Applications - An Edge Computing Based Approach. , 2021, , .		3
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