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	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
2	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
3	PPVF: Privacy-Preserving Protocol for Vehicle Feedback in Cloud-Assisted VANET. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9391-9403.	8.0	35
4	Satellite-Based Non-Terrestrial Networks in 5G: Insights and Challenges. IEEE Access, 2022, 10, 11274-11283.	4.2	9
5	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
6	Compact Multimode Quadrifilar Helical Antenna for GNSS-R Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 755-759.	4.0	6
7	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
8	Remote Production for Live Holographic Teleportation Applications in 5G Networks. IEEE Transactions on Broadcasting, 2022, 68, 451-463.	3.2	9
9	Smart Grid Security and Privacy: From Conventional to Machine Learning Issues (Threats and) Tj ETQq1 1 0.784314 rgBT /Overlock 10	4.2	16
10	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
11	Supplementary Index Bit Aided Transmit Diversity Scheme for Enhanced DCT-OFDM With Index Modulation. IEEE Communications Letters, 2022, 26, 1947-1951.	4.1	2
12	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
13	Guided-wave manipulation in SIW H-plane horn antenna by combining phase correction and holographic-based leakage. Scientific Reports, 2022, 12, .	3.3	2
14	HDMA: Hybrid D2D Message Authentication Scheme for 5G-Enabled VANETs. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5071-5080.	8.0	73
15	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
16	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
17	Throughput Analysis and User Barring Design for Uplink NOMA-Enabled Random Access. IEEE Transactions on Wireless Communications, 2021, 20, 6298-6314.	9.2	19
18	Power Budgeting of LEO Satellites: An Electrical Power System Design for 5G Missions. IEEE Access, 2021, 9, 113258-113269.	4.2	14

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19	Maximum Likelihood Optimization of Adaptive Asynchronous Interference Mitigation Beamformer. IEEE Transactions on Signal Processing, 2021, 69, 5134-5146.	5.3	1
20	Multi-Channel Near-Field Terahertz Communications Using Reprogrammable Graphene-Based Digital Metasurface. Journal of Lightwave Technology, 2021, 39, 6893-6907.	4.6	17
21	Softwarization of 5G Networks—Implications to Open Platforms and Standardizations. IEEE Access, 2021, 9, 88902-88930.	4.2	10
22	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
23	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
24	Experimental Evaluation of a Millimeter-wave Fully-Connected Hybrid Beamformer with a Large Antenna Array. , 2021, , .		1
25	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
26	A Signal Processing Framework for Agile RF Beamforming: From RF-Chain-Free to Hybrid Beamformers. IEEE Transactions on Communications, 2021, 69, 4038-4053.	7.8	5
27	Holographic-Based Leaky-Wave Structures: Transformation of Guided Waves to Leaky Waves. IEEE Microwave Magazine, 2021, 22, 49-63.	0.8	12
28	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
29	Closed-loop and open-loop authentication protocols for blockchain-based IoT systems. Information Processing and Management, 2021, 58, 102568.	8.6	11
30	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
31	Fed-IIoT: A Robust Federated Malware Detection Architecture in Industrial IoT. IEEE Transactions on Industrial Informatics, 2021, 17, 8442-8452.	11.3	97
32	Non-Linear Base-Station Processing Within a 3GPP Compliant Framework. IEEE Access, 2021, 9, 72066-72077.	4.2	5
33	Online Advertising Security: Issues, Taxonomy, and Future Directions. IEEE Communications Surveys and Tutorials, 2021, 23, 2494-2524.	39.4	9
34	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
35	A Two-layer Collaborative Vehicle-Edge Intrusion Detection System for Vehicular Communications. , 2021, , .		6
36	Frame Synchronisation for Multi-Source Holograhphic Teleportation Applications - An Edge Computing Based Approach. , 2021, , .		3

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37	Low-Complexity Detection Scheme for P-Orthogonal Transmission Method. , 2021, , .		0
38	FIDS: A Federated Intrusion Detection System for 5G Smart Metering Network. , 2021, , .		11
39	A Novel Unipolar Transmission Scheme for Visible Light Communication. IEEE Transactions on Communications, 2020, 68, 2426-2437.	7.8	18
40	Sub-6 GHz Dual-Band 8ÂÃ—Â8 MIMO Antenna for 5G Smartphones. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1546-1550.	4.0	86
41	Developing the First mmWave Fully-Connected Hybrid Beamformer With a Large Antenna Array. IEEE Access, 2020, 8, 141282-141291.	4.2	16
42	Evaluating Non-Linear Beamforming in a 3GPP-Compliant Framework Using the SWORD Platform. , 2020, , .		4
43	Mixed-Numerology Signals Transmission and Interference Cancellation for Radio Access Network Slicing. IEEE Transactions on Wireless Communications, 2020, 19, 5132-5147.	9.2	20
44	Survey of Radio Resource Management in 5G Heterogeneous Networks. IEEE Access, 2020, 8, 131202-131223.	4.2	51
45	Performance Analysis of Ultra-Dense Networks With Regularly Deployed Base Stations. IEEE Transactions on Wireless Communications, 2020, 19, 3530-3545.	9.2	10
46	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
47	Resource Allocations for Symbiotic Radio With Finite Blocklength Backscatter Link. IEEE Internet of Things Journal, 2020, 7, 8192-8207.	8.7	31
48	Optimal Energy-Efficient Source and Relay Precoder Design for Two-Way MIMO-AF Relay Systems. IEEE Transactions on Green Communications and Networking, 2020, 4, 759-773.	5.5	3
49	Polarization Modulation Design for Reduced RF Chain Wireless. IEEE Transactions on Communications, 2020, 68, 3890-3907.	7.8	10
50	Cooperative Spectrum Sharing in a Co-existing LEO-GEO Satellite System. , 2020, , .		4
51	A Tight Upper Bound for Enhanced DCT-OFDM With Index Modulation. IEEE Transactions on Vehicular Technology, 2020, 69, 16213-16217.	6.3	5
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53	Opportunistic Spectrum Sharing for D2D-Based URLLC. IEEE Transactions on Vehicular Technology, 2019, 68, 8995-9006.	6.3	14
54	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

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55	A New Dimension to Spectrum Management in IoT Empowered 5G Networks. IEEE Network, 2019, 33, 186-193.	6.9	12
56	A Load-Aware Clustering Model for Coordinated Transmission in Future Wireless Networks. IEEE Access, 2019, 7, 92693-92708.	4.2	14
57	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
58	Cell Fault Management Using Machine Learning Techniques. IEEE Access, 2019, 7, 124514-124539.	4.2	30
59	Game theoretic efficient radio resource allocation in 5G resilient networks: A data driven approach. Transactions on Emerging Telecommunications Technologies, 2019, 30, e3582.	3.9	2
60	Spectrum Sharing With Decentralized Occupation Control in Rule Regulated Networks. IEEE Transactions on Cognitive Communications and Networking, 2019, 5, 281-294.	7.9	3
61	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
62	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
63	Context-Aware Service Chaining Framework for Over-the-Top Applications in 5G Networks. , 2019, , .		2
64	SWORD: Towards a Soft and Open Radio Design for Rapid Development, Profiling, Validation and Testing. IEEE Access, 2019, 7, 186017-186040.	4.2	9
65	Preamble Barring: A Novel Random Access Scheme for Machine Type Communications with Unpredictable Traffic Bursts. , 2019, , .		5
66	Massively Parallel Tree Search for High-Dimensional Sphere Decoders. IEEE Transactions on Parallel and Distributed Systems, 2019, 30, 2309-2325.	5.6	20
67	Wireless Backhaul: Performance Modeling and Impact on User Association for 5G. IEEE Transactions on Wireless Communications, 2018, 17, 3095-3110.	9.2	41
68	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
69	Memory-Full Context-Aware Predictive Mobility Management in Dual Connectivity 5G Networks. IEEE Access, 2018, 6, 9655-9666.	4.2	16
70	Achieving Robust Mobile Web Content Delivery Performance Based on Multiple Coordinated QUIC Connections. IEEE Access, 2018, 6, 11313-11328.	4.2	19
71	Dynamic Preamble Subset Allocation for RAN Slicing in 5G Networks. IEEE Access, 2018, 6, 13015-13032.	4.2	18
72	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

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74	Energy-Aware Radio Resource Management in D2D-Enabled Multi-Tier HetNets. IEEE Access, 2018, 6, 16610-16622.	4.2	31
75	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
76	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
77	Performance Evaluation of a Virtualized 5G Core Network in Indoor Environments. , 2018, , .		3
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80	The Race to 5G Era; LTE and Wi-Fi. IEEE Access, 2018, 6, 56598-56636.	4.2	44
81	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
82	Computationally Intelligent Techniques for Resource Management in MmWave Small Cell Networks. IEEE Wireless Communications, 2018, 25, 32-39.	9.0	47
83	Intracell Interference Characterization and Cluster Interference for D2D Communication. IEEE Transactions on Vehicular Technology, 2018, 67, 8536-8548.	6.3	4
84	A Realâ€"Complex Hybrid Modulation Approach for Scaling Up Multiuser MIMO Detection. IEEE Transactions on Communications, 2018, 66, 3916-3929.	7.8	2
85	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
86	Full-Duplex Wireless-Powered Relay in Two Way Cooperative Networks. IEEE Access, 2017, 5, 1548-1558.	4.2	59
87	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
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89	Modular Approach for Modelling the Hybrid Multi-Hop Backhaul Performance. IEEE Wireless Communications Letters, 2017, 6, 262-265.	5.0	4
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91	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
92	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
93	Channel Equalization and Interference Analysis for Uplink Narrowband Internet of Things (NB-IoT). IEEE Communications Letters, 2017, 21, 2206-2209.	4.1	47
94	Multi-Service System: An Enabler of Flexible 5G Air Interface. , 2017, 55, 152-159.		65
95	Virtualising and orchestrating a 5G evolved packet core network. , 2017, , .		6
96	Caching Transient Data in Internet Content Routers. IEEE/ACM Transactions on Networking, 2017, 25, 1048-1061.	3.8	70
97	Success Probability of Multiple-Preamble-Based Single-Attempt Random Access to Mobile Networks. IEEE Communications Letters, 2017, 21, 1755-1758.	4.1	16
98	Performance Analysis and Optimal Cooperative Cluster Size for Randomly Distributed Small Cells Under Cloud RAN. IEEE Access, 2016, 4, 1925-1939.	4.2	9
99	A survey on clustering techniques for cooperative wireless networks. Ad Hoc Networks, 2016, 47, 53-81.	5.5	63
100	5G Backhaul Challenges and Emerging Research Directions: A Survey. IEEE Access, 2016, 4, 1743-1766.	4.2	558
101	Optimal Energy-Efficient Joint Resource Allocation for Multi-Hop MIMO-AF Systems. IEEE Transactions on Communications, 2016, 64, 3655-3668.	7.8	10
102	Enabling technologies for beyond TD-LTE-Advanced and 5G wireless communications. China Communications, 2016, 13, iv-v.	3.2	7
103	Enabling Massive IoT in 5G and Beyond Systems: PHY Radio Frame Design Considerations. IEEE Access, 2016, 4, 3322-3339.	4.2	182
104	A Cognitive Self-Organising Clustering Algorithm for Urban Scenarios. Wireless Personal Communications, 2016, 90, 1763-1798.	2.7	1
105	Interference Mitigation in D2D Communication Underlaying LTE-A Network. IEEE Access, 2016, 4, 7967-7987.	4.2	57
106	Fronthaul data compression for Uplink CoMP in cloud radio access network (Câ€RAN). Transactions on Emerging Telecommunications Technologies, 2016, 27, 1409-1425.	3.9	3
107	Spectral and energy efficient cognitive radioâ€aided heterogeneous cellular network with uplink power adaptation. Wireless Communications and Mobile Computing, 2016, 16, 2144-2162.	1.2	2
108	Dual Antenna Selection in Self-Backhauling Multiple Small Cell Networks. IEEE Communications Letters, 2016, 20, 1611-1614.	4.1	14

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109	A Distributed SON-Based User-Centric Backhaul Provisioning Scheme. IEEE Access, 2016, 4, 2314-2330.	4.2	37
110	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
111	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
112	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
113	HARQ in Relay-Assisted Transmission for Machine Type Communications. IEEE Wireless Communications Letters, 2016, 5, 172-175.	5.0	7
114	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
115	Energy Efficient Inter-Frequency Small Cell Discovery in Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 7122-7135.	6.3	25
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117	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
118	Multiâ€device selection scheduling in nonâ€identically distributed fading channels. IET Communications, 2016, 10, 1758-1768.	2.2	1
119	Optimum user selection for hybrid-duplex device-to-device in cellular networks. , 2015, , .		0
120	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
121	Signalling method for mobile communications network. Journal of Engineering, 2015, 2015, 59-67.	1.1	0
122	Accurate and Efficient Algorithms for Cognitive Radio Modeling Applications Under the i.n.i.d. Paradigm. IEEE Transactions on Vehicular Technology, 2015, 64, 1750-1765.	6.3	12
123	Enabling 5G: energy and spectrally efficient communication systems. Transactions on Emerging Telecommunications Technologies, 2015, 26, 1-2.	3.9	5
124	Hybrid-ARQ-Aided Short Fountain Codes Designed for Block-Fading Channels. IEEE Transactions on Vehicular Technology, 2015, 64, 5701-5712.	6.3	8
125	Joint TDD Backhaul and Access Optimization in Dense Small-Cell Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5288-5299.	6.3	57
126	The Cognitive Interference Channel With a Causal Relay in Very Strong Interference. IEEE Communications Letters, 2015, 19, 593-596.	4.1	0

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127	Coverage Gain and Device-to-Device User Density: Stochastic Geometry Modeling and Analysis. IEEE Communications Letters, 2015, 19, 1742-1745.	4.1	30
128	Semi-Persistent RRC Protocol for Machine-Type Communication Devices in LTE Networks. IEEE Access, 2015, 3, 864-874.	4.2	56
129	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
130	Graph-Based Multicell Scheduling in OFDMA-Based Small Cell Networks. IEEE Access, 2014, 2, 897-908.	4.2	19
131	Green Inter-Cluster Interference Management in Uplink of Multi-Cell Processing Systems. IEEE Transactions on Wireless Communications, 2014, 13, 6580-6592.	9.2	11
132	Frequency offset estimation based on PRACH preambles in LTE. , 2014, , .		8
133	Self Organization of Tilts in Relay Enhanced Networks: A Distributed Solution. IEEE Transactions on Wireless Communications, 2014, 13, 764-779.	9.2	25
134	On the Cognitive Interference Channel With Causal Unidirectional Destination Cooperation. IEEE Communications Letters, 2014, 18, 1123-1126.	4.1	0
135	Reduced-Complexity Coordinated Beamforming for Multicell Downlink Maxâ€"Min SINR Problem. IEEE Wireless Communications Letters, 2014, 3, 353-356.	5.0	5
136	Improved High Resolution TOA Estimation for OFDM-WLAN Based Indoor Ranging. IEEE Wireless Communications Letters, 2013, 2, 163-166.	5.0	37
137	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
138	Dynamic Clustering Framework for Multi-Cell Scheduling in Dense Small Cell Networks. IEEE Communications Letters, 2013, 17, 1802-1805.	4.1	51
139	Transmission Range Assignment for Backbone Connectivity in Clustered Wireless Networks. IEEE Wireless Communications Letters, 2013, 2, 46-49.	5.0	5
140	A Fast Calibration Method for Triaxial Magnetometers. IEEE Transactions on Instrumentation and Measurement, 2013, 62, 2929-2937.	4.7	36
141	Energy-efficient resource allocation for orthogonal multi-antenna multi-carrier channel. , 2013, , .		4
142	Network Coding Theory: A Survey. IEEE Communications Surveys and Tutorials, 2013, 15, 1950-1978.	39.4	106
143	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
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146	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
147	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
148	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
149	Energy Efficiency Contours for Broadcast Channels Using Realistic Power Models. IEEE Transactions on Wireless Communications, 2012, 11, 4017-4025.	9.2	1
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155	Energy-Efficiency Based Resource Allocation for the Orthogonal Multi-User Channel. , 2012, , .		11
156	Seamless Handover for LTE Macro-Femto Networks Based on Reactive Data Bicasting. IEEE Communications Letters, 2012, 16, 1788-1791.	4.1	21
157	Cluster-Based Differential Energy Detection for Spectrum Sensing in Multi-Carrier Systems. IEEE Transactions on Signal Processing, 2012, 60, 6450-6464.	5.3	10
158	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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163	CLWPR &#x2014; A novel cross-layer optimized position based routing protocol for VANETs. , 2011, , .		58
164	An Energy-Efficient Clustering Solution for Wireless Sensor Networks. IEEE Transactions on Wireless Communications, 2011, 10, 3973-3983.	9.2	245
165	Adaptive Modulation for Opportunistic Decode-and-Forward Relaying. IEEE Transactions on Wireless Communications, 2011, 10, 2017-2022.	9.2	24
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167	H2-ARQ-Relaying: Spectrum and Energy Efficiency Perspectives. IEEE Journal on Selected Areas in Communications, 2011, 29, 1547-1558.	14.0	17
168	Energy Efficiency Contours for Single-Carrier Downlink Channels. IEEE Communications Letters, 2011, 15, 1307-1309.	4.1	8
169	Relay Station Access Link Spectral Efficiency Optimization Through SO of Macro BS Tilts. IEEE Communications Letters, 2011, 15, 1326-1328.	4.1	12
170	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
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173	Using formal verification methods and tools for protocol profiling and performance assessment in mobile and wireless environments. , 2010, , .		2
174	Blind CFO Estimation for Linearly Precoded OFDMA Uplink. IEEE Transactions on Signal Processing, 2010, 58, 4698-4710.	5.3	19
175	Power allocation for bidirectional AF relaying over rayleigh fading channels. IEEE Communications Letters, 2010, 14, 145-147.	4.1	58
176	Subcarrier and Power Allocation with Multiple Power Constraints in OFDMA Systems. IEEE Communications Letters, 2010, 14, 644-646.	4.1	18
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