

Kan Zheng

List of Publications by Year in descending order

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247
papers

7,409
citations

71102

41
h-index

71685

76
g-index

251
all docs

251
docs citations

251
times ranked

7245
citing authors

#	ARTICLE	IF	CITATIONS
1	Blockchain-Based Decentralized Trust Management in Vehicular Networks. IEEE Internet of Things Journal, 2019, 6, 1495-1505.	8.7	610
2	Heterogeneous Vehicular Networking: A Survey on Architecture, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2015, 17, 2377-2396.	39.4	425
3	An IoT-cloud Based Wearable ECG Monitoring System for Smart Healthcare. Journal of Medical Systems, 2016, 40, 286.	3.6	351
4	Radio resource allocation in LTE-advanced cellular networks with M2M communications. , 2012, 50, 184-192.		281
5	Survey of Large-Scale MIMO Systems. IEEE Communications Surveys and Tutorials, 2015, 17, 1738-1760.	39.4	249
6	Big data-driven optimization for mobile networks toward 5G. IEEE Network, 2016, 30, 44-51.	6.9	243
7	An SMDP-Based Resource Allocation in Vehicular Cloud Computing Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 7920-7928.	7.9	206
8	Deep Reinforcement Learning for Autonomous Internet of Things: Model, Applications and Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 1722-1760.	39.4	159
9	Design and Implementation of LPWA-Based Air Quality Monitoring System. IEEE Access, 2016, 4, 3238-3245.	4.2	158
10	Resource Allocation Based on Deep Reinforcement Learning in IoT Edge Computing. IEEE Journal on Selected Areas in Communications, 2020, 38, 1133-1146.	14.0	158
11	Low power wide area machine-to-machine networks: key techniques and prototype. , 2015, 53, 64-71.		154
12	Challenges on wireless heterogeneous networks for mobile cloud computing. IEEE Wireless Communications, 2013, 20, 34-44.	9.0	135
13	A Latency and Reliability Guaranteed Resource Allocation Scheme for LTE V2V Communication Systems. IEEE Transactions on Wireless Communications, 2018, 17, 3850-3860.	9.2	134
14	Soft-defined heterogeneous vehicular network: architecture and challenges. IEEE Network, 2016, 30, 72-80.	6.9	131
15	Challenges of massive access in highly dense LTE-advanced networks with machine-to-machine communications. IEEE Wireless Communications, 2014, 21, 12-18.	9.0	127
16	A Survey of Collaborative Filtering-Based Recommender Systems for Mobile Internet Applications. IEEE Access, 2016, 4, 3273-3287.	4.2	116
17	Toward 5G densenets: architectural advances for effective machine-type communications over femtocells. , 2015, 53, 134-141.		114
18	Stochastic Performance Analysis of a Wireless Finite-State Markov Channel. IEEE Transactions on Wireless Communications, 2013, 12, 782-793.	9.2	113

#	ARTICLE	IF	CITATIONS
19	Internet of Things Cloud: Architecture and Implementation. IEEE Communications Magazine, 2016, 54, 32-39.	6.1	113
20	Delay-Optimal Virtualized Radio Resource Scheduling in Software-Defined Vehicular Networks via Stochastic Learning. IEEE Transactions on Vehicular Technology, 2016, 65, 7857-7867.	6.3	112
21	An Efficient and Fine-Grained Big Data Access Control Scheme With Privacy-Preserving Policy. IEEE Internet of Things Journal, 2017, 4, 563-571.	8.7	112
22	10 Gb/s hetsnets with millimeter-wave communications: access and networking - challenges and protocols. , 2015, 53, 222-231.		111
23	Massive MIMO Channel Models: A Survey. International Journal of Antennas and Propagation, 2014, 2014, 1-10.	1.2	110
24	A blockchain-based reputation system for data credibility assessment in vehicular networks. , 2017, , .		104
25	Design and Performance Analysis of An Energy-Efficient Uplink Carrier Aggregation Scheme. IEEE Journal on Selected Areas in Communications, 2014, 32, 197-207.	14.0	103
26	Joint Computation Offloading and Multiuser Scheduling Using Approximate Dynamic Programming in NB-IoT Edge Computing System. IEEE Internet of Things Journal, 2019, 6, 5345-5362.	8.7	94
27	Design and Implementation of Open LoRa for IoT. IEEE Access, 2019, 7, 100649-100657.	4.2	83
28	Energy-Efficient Localization and Tracking of Mobile Devices in Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2714-2726.	6.3	82
29	Intelligent Network Slicing for V2X Services Toward 5G. IEEE Network, 2019, 33, 196-204.	6.9	82
30	Quality-of-experience assessment and its application to video services in lte networks. IEEE Wireless Communications, 2015, 22, 70-78.	9.0	75
31	Joint Radio Resource Allocation and Control for Vehicle Platooning in LTE-V2V Network. IEEE Transactions on Vehicular Technology, 2018, 67, 12218-12230.	6.3	73
32	A Graph-Based Cooperative Scheduling Scheme for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1450-1458.	6.3	72
33	Reliable and efficient autonomous driving: the need for heterogeneous vehicular networks. , 2015, 53, 72-79.		68
34	Downlink Hybrid Information and Energy Transfer With Massive MIMO. IEEE Transactions on Wireless Communications, 2016, 15, 1309-1322.	9.2	68
35	A Q\$ -Learning-Based Proactive Caching Strategy for Non-Safety Related Services in Vehicular Networks. IEEE Internet of Things Journal, 2019, 6, 4512-4520.	8.7	61
36	Intelligent Radio Access Network Slicing for Service Provisioning in 6G: A Hierarchical Deep Reinforcement Learning Approach. IEEE Transactions on Communications, 2021, 69, 6063-6078.	7.8	59

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37	A driving intention prediction method based on hidden Markov model for autonomous driving. Computer Communications, 2020, 157, 143-149.	5.1	53
38	Multihop cellular networks toward LTE-advanced. IEEE Vehicular Technology Magazine, 2009, 4, 40-47.	3.4	51
39	Interference coordination for OFDM-based multihop LTE-advanced networks. IEEE Wireless Communications, 2011, 18, 54-63.	9.0	50
40	Multiuser Resource Control With Deep Reinforcement Learning in IoT Edge Computing. IEEE Internet of Things Journal, 2019, 6, 10119-10133.	8.7	50
41	Energy Efficient Power Allocation Algorithm for Downlink Massive MIMO with MRT Precoding. , 2013, , .		48
42	Software Defined Radio Implementation of a Non-Orthogonal Multiple Access System Towards 5G. IEEE Access, 2016, 4, 9604-9613.	4.2	48
43	Design and Implementation on Hyperledger-Based Emission Trading System. IEEE Access, 2019, 7, 6109-6116.	4.2	47
44	Performance analysis for downlink massive MIMO system with ZF precoding. Transactions on Emerging Telecommunications Technologies, 2014, 25, 1219-1230.	3.9	46
45	An open source SDR-based NOMA system for 5G networks. IEEE Wireless Communications, 2015, 22, 24-32.	9.0	46
46	Energy-efficient wireless in-home: the need for interference-controlled femtocells. IEEE Wireless Communications, 2011, 18, 36-44.	9.0	45
47	Dynamic Energy Dispatch Based on Deep Reinforcement Learning in IoT-Driven Smart Isolated Microgrids. IEEE Internet of Things Journal, 2021, 8, 7938-7953.	8.7	45
48	Dynamic Performance Analysis of Uplink Transmission in Cluster-Based Heterogeneous Vehicular Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5584-5595.	6.3	43
49	A Reinforcement Learning-Based Resource Allocation Scheme for Cloud Robotics. IEEE Access, 2018, 6, 17215-17222.	4.2	42
50	An Analysis of the Tradeoff Between the Energy and Spectrum Efficiencies in an Uplink Massive MIMO-OFDM System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2015, 62, 291-295.	3.0	41
51	Performance modeling and analysis of a Hyperledger-based system using GSPN. Computer Communications, 2020, 153, 117-124.	5.1	37
52	Distributed Clock Synchronization Based on Intelligent Clustering in Local Area Industrial IoT Systems. IEEE Transactions on Industrial Informatics, 2020, 16, 3697-3707.	11.3	31
53	Joint user pairing and power allocation for downlink non-orthogonal multiple access systems. , 2016, , .		30
54	Patent Analytics Based on Feature Vector Space Model: A Case of IoT. IEEE Access, 2019, 7, 45705-45715.	4.2	27

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55	Joint Frame Design and Resource Allocation for Ultra-Reliable and Low-Latency Vehicular Networks. IEEE Transactions on Wireless Communications, 2020, 19, 3607-3622.	9.2	27
56	Performance Analysis for OFDM-CDMA With Joint Frequency-Time Spreading. IEEE Transactions on Broadcasting, 2005, 51, 144-148.	3.2	26
57	Twin-Timescale Radio Resource Management for Ultra-Reliable and Low-Latency Vehicular Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 1023-1036.	6.3	26
58	Editorial: IEEE Communications Surveys & Tutorials – Machine-to-Machine Technologies & Architectures. IEEE Communications Surveys and Tutorials, 2014, 16, 1-3.	39.4	25
59	Cooperative heterogeneous framework for spectrum harvesting in cognitive cellular network. , 2015, 53, 60-67.		25
60	SDN Enabled Dual Cluster Head Selection and Adaptive Clustering in 5G-VANET. , 2016, , .		25
61	A utility-based resource allocation scheme in cloud-assisted vehicular network architecture. , 2015, , .		23
62	TD-CDM-OFDM: Evolution of TD-SCDMA toward 4G. , 2005, 43, 45-52.		22
63	SMDP-Based Radio Resource Allocation Scheme in Software-Defined Internet of Things Networks. IEEE Sensors Journal, 2016, 16, 7304-7314.	4.7	22
64	Collaborative Edge Caching through Service Function Chaining: Architecture and Challenges. IEEE Wireless Communications, 2018, 25, 94-102.	9.0	22
65	Ultra-Reliable and Low-Latency Communications for Connected Vehicles: Challenges and Solutions. IEEE Network, 2020, 34, 92-100.	6.9	22
66	Performance Evaluation of Carrier Aggregation for Elastic Traffic in LTE-Advanced Systems. IEICE Transactions on Communications, 2009, E92-B, 3516-3519.	0.7	22
67	Short-Term Traffic Prediction Based on DeepCluster in Large-Scale Road Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 12301-12313.	6.3	21
68	A Novel Classifier Exploiting Mobility Behaviors for Sybil Detection in Connected Vehicle Systems. IEEE Internet of Things Journal, 2019, 6, 2626-2636.	8.7	21
69	Performance analysis for downlink massive multiple-input multiple-output system with channel state information delay under maximum ratio transmission precoding. IET Communications, 2014, 8, 390-398.	2.2	20
70	Energy efficiency optimization of simultaneous wireless information and power transfer system with power splitting receiver. , 2014, , .		19
71	A Continuous-Time Markov decision process-based resource allocation scheme in vehicular cloud for mobile video services. Computer Communications, 2018, 118, 140-147.	5.1	18
72	Spatial Multi-User Pairing for Uplink Virtual-MIMO Systems with Linear Receiver. , 2009, , .		17

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73	A Distributed Resource Allocation Scheme in Femtocell Networks. , 2011, , .		17
74	Dynamic downlink aggregation carrier scheduling scheme for wireless networks. IET Communications, 2014, 8, 114-123.	2.2	17
75	Beyond 3G Evolution. IEEE Vehicular Technology Magazine, 2008, 3, 30-36.	3.4	16
76	Content-Aware Traffic Data Completion in ITS Based on Generative Adversarial Nets. IEEE Transactions on Vehicular Technology, 2020, 69, 11950-11962.	6.3	16
77	A Novel QoE-Based Carrier Scheduling Scheme in LTE-Advanced Networks with Multi-Service. , 2012, , .		15
78	Design and Prototype Implementation of a Blockchain-Enabled LoRa System With Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2419-2430.	8.7	15
79	An Intelligent Transaction Migration Scheme for RAFT-Based Private Blockchain in Internet of Things Applications. IEEE Communications Letters, 2021, 25, 2753-2757.	4.1	15
80	A novel uplink channel estimation in OFDM-CDMA systems. IEEE Transactions on Consumer Electronics, 2004, 50, 125-129.	3.6	14
81	Interference coordination between femtocells in LTE-advanced networks with carrier aggregation. , 2010, , .		14
82	Advances in Massive MIMO Antenna Design, Channel Modeling, and System Technologies. International Journal of Antennas and Propagation, 2014, 2014, 1-1.	1.2	14
83	A high energy efficient scheme with Selecting Sub-Carriers Modulation in OFDM system. , 2012, , .		13
84	A two-stage allocation scheme for delay-sensitive services in dense vehicular networks. , 2017, , .		13
85	Design and implementation of application programming interface for Internet of things cloud. International Journal of Network Management, 2017, 27, e1936.	2.2	13
86	Design and Performance of a Novel Interference-Free GFDM Transceiver With Dual Filter. IEEE Transactions on Vehicular Technology, 2019, 68, 4695-4706.	6.3	13
87	Open Wireless Software Radio on Common PC. , 2006, , .		12
88	Performance analysis of the unicasting mode in multi-relay systems. International Journal of Communication Systems, 2011, 24, 513-525.	2.5	12
89	Beamformer Design and Utility Optimization for Hybrid Information and Energy Transfer With Massive MIMO. IEEE Systems Journal, 2018, 12, 1981-1992.	4.6	12
90	Design and Implementation of a 5G NR System Based on LDPC in Open Source SDR. , 2018, , .		12

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91	A Decentralized Car-Sharing Control Scheme Based on Smart Contract in Internet-of-Vehicles. , 2020, , .		12
92	Performance Analysis of HARQ Transmission in Cooperative DF Relaying Systems. Wireless Personal Communications, 2010, 55, 441-455.	2.7	11
93	Analysis of Conditional Error Rate and Combining Schemes in HARQ. IEEE Transactions on Signal Processing, 2012, 60, 2677-2682.	5.3	11
94	Joint optimization of link scheduling and resource allocation in cooperative vehicular networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	11
95	LSTM-Based Anomaly Detection for Non-Linear Dynamical System. IEEE Access, 2020, 8, 103301-103308.	4.2	11
96	A DQN-Based Consensus Mechanism for Blockchain in IoT Networks. IEEE Internet of Things Journal, 2022, 9, 11962-11973.	8.7	11
97	Deep Reinforcement Learning Aided Platoon Control Relying on V2X Information. IEEE Transactions on Vehicular Technology, 2022, 71, 5811-5826.	6.3	11
98	A Distributed Inter-Cell Interference Coordination Scheme between Femtocells in LTE-Advanced Networks. , 2011, , .		10
99	Adaptive Spectrum Sharing of LTE Co-Existing with WLAN in Unlicensed Frequency Bands. , 2015, , .		10
100	A novel link allocation method for vehicle-to-vehicle-based relaying networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 64-73.	3.9	10
101	Radio resource allocation for D2D-based V2V communications with Lyapunov optimization. , 2017, , .		10
102	Cooperative V2X for High Definition Map Transmission Based on Vehicle Mobility. , 2019, , .		10
103	A Hierarchical Selective CQI Feedback Scheme for 3GPP Long-Term Evolution System. , 2007, , .		9
104	Distributed spatial-temporal precoding with limited feedback in MIMO multi-relay systems. International Journal of Communication Systems, 2010, 23, 1334-1352.	2.5	9
105	Implementation and performance evaluation of LECIM for 5G M2M applications with SDR. , 2014, , .		9
106	A Interference-Free Transmission Scheme for GFDM System. , 2016, , .		9
107	Guest Editorial Special Issue on 5G Wireless Systems With Massive MIMO. IEEE Systems Journal, 2017, 11, 4-6.	4.6	9
108	A Portable SDR Non-Orthogonal Multiple Access Testbed for 5G Networks. , 2017, , .		9

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109	A Novel Rate and Channel Control Scheme Based on Data Extraction Rate for LoRa Networks. , 2019, , .		9
110	An Improved Secure Key Management Scheme for LoRa System. , 2019, , .		9
111	Joint Optimization of Communication and Traffic Efficiency in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 2014-2018.	6.3	9
112	Leveraging Linear Quadratic Regulator Cost and Energy Consumption for Ultrareliable and Low-Latency IoT Control Systems. IEEE Internet of Things Journal, 2020, 7, 8356-8371.	8.7	9
113	Approximate Performance Analysis of the Incremental Relaying Protocol and Modification. , 2009, , .		8
114	Performance analysis and comparison of GPP-based SDR systems. , 2017, , .		8
115	Design and Implementation on a LoRa System with Edge Computing. , 2020, , .		8
116	DFT-Based Channel Estimation in Comb-Type Pilot-Aided OFDM Systems with Virtual Carriers. , 2007, , .		7
117	Group-based user pairing for virtual MIMO in LTE. Journal of China Universities of Posts and Telecommunications, 2007, 14, 38-42.	0.8	7
118	Route Selection Strategies in Cellular Networks with Two-Hop Relaying. , 2009, , .		7
119	Performance analysis of device-to-device communications underlying cellular networks. Telecommunication Systems, 2015, 60, 29-41.	2.5	7
120	Design and Implementation of an LTE System with Multi-Thread Parallel Processing on OpenAirInterface Platform. , 2016, , .		7
121	Clustering Based Resource Management Scheme for Latency and Sum Rate Optimization in V2X Networks. , 2019, , .		7
122	Patent Analytic Citation-Based VSM: Challenges and Applications. IEEE Access, 2020, 8, 17464-17476.	4.2	7
123	A Dynamic Resource Allocation Scheme Based on Soft Frequency Reuse for OFDMA Systems. , 2007, , .		6
124	Adaptive Spatial Channel Mapping in MIMO Relay Systems: A Unified Framework. IEEE Signal Processing Letters, 2010, 17, 257-260.	3.6	6
125	Improved Wideband Precoding with Arbitrary Subcarrier Grouping in MIMO-OFDM Systems. ETRI Journal, 2012, 34, 9-16.	2.0	6
126	Resource allocation schemes in multi-vehicle cooperation systems. Journal of Communications and Information Networks, 2017, 2, 113-125.	5.2	6

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127	Linear Space-Time Precoder with Hybrid ARQ Transmission. , 2007, , .		5
128	Design and Performance of Space–Time Precoder With Hybrid ARQ Transmission. IEEE Transactions on Vehicular Technology, 2009, 58, 1816-1822.	6.3	5
129	Successive Phase Sharing and Distributed Multiuser Precoding in Multirelay Systems. IEEE Signal Processing Letters, 2010, 17, 859-862.	3.6	5
130	Design and prototyping of lowâ€power wide area networks for critical infrastructure monitoring. IET Communications, 2017, 11, 823-830.	2.2	5
131	Design on Publish/Subscribe Message Dissemination for Vehicular Networks with Mobile Edge Computing. , 2017, , .		5
132	Performance Analysis of Complementary GFDM in IoT Communications. , 2019, , .		5
133	Intelligent Prediction of Mobile Vehicle Trajectory Based on Space-Time Information. , 2019, , .		5
134	Channel Estimation Based on Delay-Subspace Filter for Uplink of CDM-OFDMA System. , 0, , .		4
135	Multiuser beamforming based on max SINR for downlink spatial multiplexing MIMO. Journal of China Universities of Posts and Telecommunications, 2007, 14, 28-33.	0.8	4
136	Performance analysis on conditional error ratio in HARQ transmission. , 2009, , .		4
137	Joint subcarrier and power allocation for uplink relayâ€enhanced OFDM systems. International Journal of Communication Systems, 2010, 23, 1366-1381.	2.5	4
138	A novel codebook design with the LBG algorithm in precoding systems under spatial correlated channel. , 2010, , .		4
139	Semi-persistent scheduling for VoIP service in the LTE-Advanced relaying networks. , 2010, , .		4
140	QoE-Based Scheduling for Mobile Cloud Services via Stochastic Learning. , 2014, , .		4
141	Research & standards: advanced cloud & virtualization techniques for 5G networks [Guest Editorial]. , 2015, 53, 16-17.		4
142	A novel multi-user grouping scheme for downlink non-orthogonal multiple access systems. , 2016, , .		4
143	Cooperative Energy Broadcasting System With Massive MIMO. IEEE Communications Letters, 2016, 20, 1247-1250.	4.1	4
144	Joint allocation of uplink and downlink resources for interactive mobile cloud applications. Transactions on Emerging Telecommunications Technologies, 2016, 27, 316-327.	3.9	4

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145	Energy-efficient dual-layer coordinated beamforming scheme in multi-cell massive multiple-input-multiple-output systems. IET Communications, 2017, 11, 30-38.	2.2	4
146	Resource Optimization of Wireless Information and Energy Supply Control Systems With Massive MIMO. IEEE Communications Letters, 2017, 21, 2734-2737.	4.1	4
147	Design and implementation of a LTE-WiFi aggregation system based on SDR. , 2017, , .		4
148	Design and implementation of a novel real-time unmanned aerial vehicle localization scheme based on received signal strength. Transactions on Emerging Telecommunications Technologies, 0, , e4350.	3.9	4
149	Performance of 3GPP LTE-Advanced networks with Type I relay nodes. , 2010, , .		4
150	A New Vision-Aided Beam Prediction Scheme for mmWave Wireless Communications. , 2020, , .		4
151	Iterative DFT-based Channel Estimation for MIMO-OFDM Systems. , 2006, , .		3
152	Impacts of amplifier nonlinearities on uplink performance in 3G LTE systems. , 2009, , .		3
153	Distributed Spatial-Temporal Precoding and Power Allocation in MIMO Relay Systems with Limited Feedback. , 2009, , .		3
154	Trade-off of average area spectrum efficiency and energy efficiency. , 2013, , .		3
155	IEEE Access Special Section Editorial: Communication, Control, and Computation Issues in Heterogeneous Vehicular Networks. IEEE Access, 2018, 6, 79285-79287.	4.2	3
156	QAM Signal Transmission Based on Matrix Model in Filter-Bank Multicarrier Systems. IEEE Access, 2018, 6, 63987-63998.	4.2	3
157	Performance of SCMA with GFDM and FBMC in Uplink IoT Communications. , 2019, , .		3
158	A Distributed Driving Decision Scheme Based on Reinforcement Learning for Autonomous Driving Vehicles. , 2020, , .		3
159	Semi-Decentralized Network Slicing for Reliable V2V Service Provisioning: A Model-Free Deep Reinforcement Learning Approach. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 12108-12120.	8.0	3
160	Flow-Level Performance of Device-to-Device Overlaid OFDM Cellular Networks. Lecture Notes in Computer Science, 2015, , 305-314.	1.3	3
161	Time and frequency synchronization for uplink OFDM-CDMA. , 2004, , .		2
162	Optimization method of spanning tree aggregation for hierarchical QoS routing. , 2005, , .		2

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163	Downlink Resource Management for Packet Transmission in MIMO-OFDM Wireless Communication Systems. , 2006, , .		2
164	Timing Performance Analysis in an Open Software Radio System. , 2006, , .		2
165	Iterative Partial-Interference-Cancellation-based Detector for OFDM Systems over Doubly-Selective Rayleigh Fading Channels. , 2007, , .		2
166	Practical Frequency Synchronization Scheme in an Open Software Radio TD-SCDMA System. , 2007, , .		2
167	A Weighted-Selective Scheduling Scheme in an Open Software Radio Environment. , 2007, , .		2
168	Two modified L2S interface methods for mixed modulation scheme. , 2008, , .		2
169	Permutation Optimization in QRD Based Multi-Relay Systems. , 2009, , .		2
170	Selective fractional incremental relaying protocol in cooperative systems. , 2010, , .		2
171	A cooperative hierarchical transmission scheme in railway wireless communication networks. , 2011, , .		2
172	Multi-User Precoding and Energy-Efficient Relaying Scheme in Multi-Relay Systems. , 2011, , .		2
173	A new queue-status resource allocation scheme for backhaul link in relay enhanced networks. , 2012, , .		2
174	Flow-Level Analysis of Energy Efficiency Performance for Device-to-Device Communications in OFDM Cellular Networks. Computer Journal, 2013, 56, 1001-1009.	2.4	2
175	Performance analysis of cooperative virtual multipleâ€œinputâ€œmultipleâ€œoutput in smallâ€œcell networks. IET Communications, 2013, 7, 1729-1738.	2.2	2
176	A novel beamforming scheme in FD-MIMO systems with spatial correlation. , 2014, , .		2
177	Research and standards: advanced cloud and virtualization techniques for 5G networks (part II) [Guest Editorial]. , 2015, 53, 51-52.		2
178	Stochastic delay analysis of an architecture integrating VANET with LTE networks. , 2015, , .		2
179	Flow-level performance analysis of random wireless network using stochastic Petri Nets. , 2016, , .		2
180	Hybrid information and energy transfer in ultra-dense HetNets. Computer Networks, 2017, 129, 502-509.	5.1	2

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181	Traffic-aware resource allocation schemes for HetNet based on CDSA. IET Communications, 2017, 11, 942-950.	2.2	2
182	Retransmission scheme for contention-based data transmission systems. IET Communications, 2018, 12, 144-151.	2.2	2
183	Secure Edge Caching Placement and Delivery for Ultra-Reliable and Low-Latency Vehicular Networks. , 2019, , .		2
184	Successive Interference Cancellation-Based Weighted Least-Squares Estimation of Carrier and Sampling Frequency Offsets for WLANs. IEEE Access, 2020, 8, 210678-210684.	4.2	2
185	Min-Max Latency Optimization Based on Sensed Position State Information in Internet of Vehicles. IEEE Transactions on Vehicular Technology, 2022, 71, 7985-7990.	6.3	2
186	Analysis and optimization of pilot-symbol-assisted MC-CDMA systems. , 2004, , .		1
187	Hybrid ARQ Scheme with Antenna Permutation for MIMO Systems in Slow Fading Channels. Lecture Notes in Computer Science, 2006, , 1222-1227.	1.3	1
188	A Transmit Diversity Scheme with Hierarchical Transmission for Broadcast in Cellular Systems. , 2007, , .		1
189	Joint linear precoder and power allocation design for uplink MIMO systems with limited feedback. Journal of China Universities of Posts and Telecommunications, 2009, 16, 14-18.	0.8	1
190	Two effective unicast modes in MIMO multi-relay systems. , 2009, , .		1
191	Precoder design in cooperative systems with amplify-and-forward relaying. , 2009, , .		1
192	Distributed Spatial-Temporal Precoding with Limited Feedback. IEICE Transactions on Communications, 2010, E93-B, 407-410.	0.7	1
193	A novel location-based channel congestion control scheme in V2I networks. , 2013, , .		1
194	Performance analysis of user association policies in small cell networks using Stochastic Petri Nets. , 2013, , .		1
195	Advances in New Signal Processing Techniques for 5G. International Journal of Antennas and Propagation, 2016, 2016, 1-1.	1.2	1
196	Mobile big data [Guest editorial]. IEEE Network, 2016, 30, 4-5.	6.9	1
197	A Joint Allocation Scheme of Control Tasks and Communication Resources in Cyber-Physical Systems. , 2018, , .		1
198	Decentralised resource allocation of position-based and full-duplex-based all-cell broadcasting. IET Communications, 2019, 13, 2254-2260.	2.2	1

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199	Design and Implementation of a Low-Latency and High-Reliability System Based on Software-Defined Radio (SDR). , 2019, , .		1
200	An In-Vehicle Keyword Spotting System with Multi-Source Fusion for Vehicle Applications. , 2019, , .		1
201	Implementation and Demonstration of WAVE Networking Services for Intelligent Transportation Systems. Lecture Notes in Computer Science, 2014, , 130-139.	1.3	1
202	Blockchain-Based Decentralized Trust Management in Vehicular Networks. , 0, .		1
203	Design on Precoder in Cooperative Spatial Multiplexing Systems with Amplify-and-Forward Relaying. IEICE Transactions on Communications, 2011, E94-B, 1405-1415.	0.7	1
204	Improved Weighted Least Square Phase Estimation for OFDM-Based WLANs. IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences, 2019, E102.A, 2027-2030.	0.3	1
205	A Real-time LoRa-based IoT System for Intelligent Meteorological Monitoring. , 2020, , .		1
206	Optimization of the Power-to-Velocity Ratio in the Downlink of Vehicular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 557-570.	6.3	1
207	Performance comparison of interleaving methods in joint frequency-time spreading OFDM-CDMA. , 2004, , .		0
208	Channel estimation for OFDM in mobile communication systems. , 2004, 5284, 21.		0
209	Uplink performance of MC-CDMA/TDD systems with pre-compensation. , 0, , .		0
210	Diversity Gainâ€™s Influence on MIMOâ€™s Detection. , 0, , .		0
211	A Roadside Downlink Wireless Transmission Scheme Using OFDM and Virtual MIMO. , 2006, , .		0
212	Improved Interference Cancellation in CDM-FH-OFDMA Systems. , 2006, , .		0
213	Performance analysis of uplink MC-CDMA/TDD systems with pre-compensation. , 2006, , .		0
214	Multi-Service Access Capacities Analysis of TDDCDMA System with Soft Blocking. , 2007, , .		0
215	Resource Allocation Optimization for OFDM-Based Amplify-And-Forward Multi-Relay System. , 2009, , .		0
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