

Kan Zheng

List of Publications by Year in descending order

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247
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times ranked

7245
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	A DQN-Based Consensus Mechanism for Blockchain in IoT Networks. IEEE Internet of Things Journal, 2022, 9, 11962-11973.	8.7	11
3	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
4	Deep Reinforcement Learning Aided Platoon Control Relying on V2X Information. IEEE Transactions on Vehicular Technology, 2022, 71, 5811-5826.	6.3	11
5	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
6	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
7	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
8	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
9	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
10	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
11	Content-Aware Traffic Data Completion in ITS Based on Generative Adversarial Nets. IEEE Transactions on Vehicular Technology, 2020, 69, 11950-11962.	6.3	16
12	A Distributed Driving Decision Scheme Based on Reinforcement Learning for Autonomous Driving Vehicles. , 2020, , .		3
13	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
14	Ultra-Reliable and Low-Latency Communications for Connected Vehicles: Challenges and Solutions. IEEE Network, 2020, 34, 92-100.	6.9	22
15	LSTM-Based Anomaly Detection for Non-Linear Dynamical System. IEEE Access, 2020, 8, 103301-103308.	4.2	11
16	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
17	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
18	A Decentralized Car-Sharing Control Scheme Based on Smart Contract in Internet-of-Vehicles. , 2020, , .		12

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19	Design and Implementation on a LoRa System with Edge Computing. , 2020, , .		8
20	Patent Analytic Citation-Based VSM: Challenges and Applications. IEEE Access, 2020, 8, 17464-17476.	4.2	7
21	Performance modeling and analysis of a Hyperledger-based system using GSPN. Computer Communications, 2020, 153, 117-124.	5.1	37
22	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
23	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
24	A driving intention prediction method based on hidden Markov model for autonomous driving. Computer Communications, 2020, 157, 143-149.	5.1	53
25	Deep Reinforcement Learning for Autonomous Internet of Things: Model, Applications and Challenges. IEEE Communications Surveys and Tutorials, 2020, 22, 1722-1760.	39.4	159
26	A New Vision-Aided Beam Prediction Scheme for mmWave Wireless Communications. , 2020, , .		4
27	A Real-time LoRa-based IoT System for Intelligent Meteorological Monitoring. , 2020, , .		1
28	Blockchain-Based Decentralized Trust Management in Vehicular Networks. IEEE Internet of Things Journal, 2019, 6, 1495-1505.	8.7	610
29	Multiuser Resource Control With Deep Reinforcement Learning in IoT Edge Computing. IEEE Internet of Things Journal, 2019, 6, 10119-10133.	8.7	50
30	Clustering Based Resource Management Scheme for Latency and Sum Rate Optimization in V2X Networks. , 2019, , .		7
31	Performance of SCMA with GFDM and FBMC in Uplink IoT Communications. , 2019, , .		3
32	Performance Analysis of Complementary GFDM in IoT Communications. , 2019, , .		5
33	Intelligent Prediction of Mobile Vehicle Trajectory Based on Space-Time Information. , 2019, , .		5
34	Design and Implementation of Open LoRa for IoT. IEEE Access, 2019, 7, 100649-100657.	4.2	83
35	Cooperative V2X for High Definition Map Transmission Based on Vehicle Mobility. , 2019, , .		10
36	Short-Term Traffic Prediction Based on DeepCluster in Large-Scale Road Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 12301-12313.	6.3	21

#	ARTICLE	IF	CITATIONS
37	Simplified pilot-aided weighted least square phase estimation method for OFDM-based WLANs. IEICE Electronics Express, 2019, 16, 20190248-20190248.	0.8	0
38	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
39	Patent Analytics Based on Feature Vector Space Model: A Case of IoT. IEEE Access, 2019, 7, 45705-45715.	4.2	27
40	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
41	Secure Edge Caching Placement and Delivery for Ultra-Reliable and Low-Latency Vehicular Networks. , 2019, , .		2
42	Design and Implementation of a High-Accuracy Positioning System Using RTK on Smartphones. , 2019, , .		0
43	Decentralised resource allocation of position-based and full-duplex-based all-traffic broadcasting. IET Communications, 2019, 13, 2254-2260.	2.2	1
44	Design and Implementation of a Low-Latency and High-Reliability System Based on Software-Defined Radio (SDR). , 2019, , .		1
45	A Novel Rate and Channel Control Scheme Based on Data Extraction Rate for LoRa Networks. , 2019, , .		9
46	Intelligent Network Slicing for V2X Services Toward 5G. IEEE Network, 2019, 33, 196-204.	6.9	82
47	An In-Vehicle Keyword Spotting System with Multi-Source Fusion for Vehicle Applications. , 2019, , .		1
48	An Improved Secure Key Management Scheme for LoRa System. , 2019, , .		9
49	Design and Implementation on Hyperledger-Based Emission Trading System. IEEE Access, 2019, 7, 6109-6116.	4.2	47
50	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
51	Joint Optimization of Communication and Traffic Efficiency in Vehicular Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 2014-2018.	6.3	9
52	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
53	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
54	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

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55	Retransmission scheme for contention-based data transmission systems. IET Communications, 2018, 12, 144-151.	2.2	2
56	Massive MIMO-Assisted Energy Transfer Technology. Springer Briefs in Electrical and Computer Engineering, 2018, , 57-90.	0.5	0
57	A Reinforcement Learning-Based Resource Allocation Scheme for Cloud Robotics. IEEE Access, 2018, 6, 17215-17222.	4.2	42
58	Beamformer Design and Utility Optimization for Hybrid Information and Energy Transfer With Massive MIMO. IEEE Systems Journal, 2018, 12, 1981-1992.	4.6	12
59	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
60	Design and Implementation of a 5G NR System Based on LDPC in Open Source SDR. , 2018, , .		12
61	A CNN-based Feature Extraction Scheme for Patent Analysis. , 2018, , .		0
62	A Fuzzy Logic Based Warning Scheme of Monitoring Systems for IoT Cloud Services. , 2018, , .		0
63	A Joint Allocation Scheme of Control Tasks and Communication Resources in Cyber-Physical Systems. , 2018, , .		1
64	IEEE Access Special Section Editorial: Communication, Control, and Computation Issues in Heterogeneous Vehicular Networks. IEEE Access, 2018, 6, 79285-79287.	4.2	3
65	QAM Signal Transmission Based on Matrix Model in Filter-Bank Multicarrier Systems. IEEE Access, 2018, 6, 63987-63998.	4.2	3
66	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
67	Collaborative Edge Caching through Service Function Chaining: Architecture and Challenges. IEEE Wireless Communications, 2018, 25, 94-102.	9.0	22
68	Energy-Efficient Localization and Tracking of Mobile Devices in Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 2714-2726.	6.3	82
69	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
70	Editorial of ETT Special Issue: emerging topics in device to device communications as enabling technology for 5G systems. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3023.	3.9	0
71	Guest Editorial Special Issue on 5G Wireless Systems With Massive MIMO. IEEE Systems Journal, 2017, 11, 4-6.	4.6	9
72	Hybrid information and energy transfer in ultra-dense HetNets. Computer Networks, 2017, 129, 502-509.	5.1	2

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73	Traffic-aware resource allocation schemes for HetNet based on CDSA. IET Communications, 2017, 11, 942-950.	2.2	2
74	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
75	A two-stage allocation scheme for delay-sensitive services in dense vehicular networks. , 2017, , .		13
76	Resource allocation schemes in multi-vehicle cooperation systems. Journal of Communications and Information Networks, 2017, 2, 113-125.	5.2	6
77	Design and prototyping of low-power wide area networks for critical infrastructure monitoring. IET Communications, 2017, 11, 823-830.	2.2	5
78	Design and implementation of application programming interface for Internet of things cloud. International Journal of Network Management, 2017, 27, e1936.	2.2	13
79	Resource Optimization of Wireless Information and Energy Supply Control Systems With Massive MIMO. IEEE Communications Letters, 2017, 21, 2734-2737.	4.1	4
80	Performance analysis and comparison of GPP-based SDR systems. , 2017, , .		8
81	A Portable SDR Non-Orthogonal Multiple Access Testbed for 5G Networks. , 2017, , .		9
82	Design and implementation of a LTE-WiFi aggregation system based on SDR. , 2017, , .		4
83	Design on Publish/Subscribe Message Dissemination for Vehicular Networks with Mobile Edge Computing. , 2017, , .		5
84	A blockchain-based reputation system for data credibility assessment in vehicular networks. , 2017, , .		104
85	Radio resource allocation for D2D-based V2V communications with Lyapunov optimization. , 2017, , .		10
86	Advances in New Signal Processing Techniques for 5G. International Journal of Antennas and Propagation, 2016, 2016, 1-1.	1.2	1
87	A Survey of Collaborative Filtering-Based Recommender Systems for Mobile Internet Applications. IEEE Access, 2016, 4, 3273-3287.	4.2	116
88	A Interference-Free Transmission Scheme for GFDM System. , 2016, , .		9
89	SDN Enabled Dual Cluster Head Selection and Adaptive Clustering in 5G-VANET. , 2016, , .		25
90	A Software Defined Radio Based IEEE 802.15.4k Testbed for M2M Applications. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
91	Design and Implementation of an LTE System with Multi-Thread Parallel Processing on OpenAirInterface Platform. , 2016, , .		7
92	Software Defined Radio Implementation of a Non-Orthogonal Multiple Access System Towards 5G. IEEE Access, 2016, 4, 9604-9613.	4.2	48
93	Internet of Things Cloud: Architecture and Implementation. IEEE Communications Magazine, 2016, 54, 32-39.	6.1	113
94	Efficient MAC Mechanisms for Heterogeneous Vehicular Networks. Springer Briefs in Electrical and Computer Engineering, 2016, , 25-46.	0.5	0
95	Mobile big data [Guest editorial]. IEEE Network, 2016, 30, 4-5.	6.9	1
96	A novel multi-user grouping scheme for downlink non-orthogonal multiple access systems. , 2016, , .		4
97	Flow-level performance analysis of random wireless network using stochastic Petri Nets. , 2016, , .		2
98	A novel link allocation method for vehicle-to-vehicle-based relaying networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 64-73.	3.9	10
99	Joint user pairing and power allocation for downlink non-orthogonal multiple access systems. , 2016, , .		30
100	Soft-defined heterogeneous vehicular network: architecture and challenges. IEEE Network, 2016, 30, 72-80.	6.9	131
101	Design and Implementation of LPWA-Based Air Quality Monitoring System. IEEE Access, 2016, 4, 3238-3245.	4.2	158
102	An IoT-cloud Based Wearable ECG Monitoring System for Smart Healthcare. Journal of Medical Systems, 2016, 40, 286.	3.6	351
103	SMDP-Based Radio Resource Allocation Scheme in Software-Defined Internet of Things Networks. IEEE Sensors Journal, 2016, 16, 7304-7314.	4.7	22
104	Cooperative Energy Broadcasting System With Massive MIMO. IEEE Communications Letters, 2016, 20, 1247-1250.	4.1	4
105	Joint allocation of uplink and downlink resources for interactive mobile cloud applications. Transactions on Emerging Telecommunications Technologies, 2016, 27, 316-327.	3.9	4
106	Big data-driven optimization for mobile networks toward 5G. IEEE Network, 2016, 30, 44-51.	6.9	243
107	Resource Allocation in Heterogeneous Vehicular Networks. Springer Briefs in Electrical and Computer Engineering, 2016, , 47-77.	0.5	0
108	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

#	ARTICLE	IF	CITATIONS
109	Downlink Hybrid Information and Energy Transfer With Massive MIMO. IEEE Transactions on Wireless Communications, 2016, 15, 1309-1322.	9.2	68
110	An indoor localization scheme based on data fusion in wireless networks. , 2015, , .		0
111	Adaptive Spectrum Sharing of LTE Co-Existing with WLAN in Unlicensed Frequency Bands. , 2015, , .		10
112	Research & standards: advanced cloud & virtualization techniques for 5G networks [Guest Editorial]. , 2015, 53, 16-17.		4
113	Heterogeneous Vehicular Networking: A Survey on Architecture, Challenges, and Solutions. IEEE Communications Surveys and Tutorials, 2015, 17, 2377-2396.	39.4	425
114	Research and standards: advanced cloud and virtualization techniques for 5G networks (part II) [Guest Editorial]. , 2015, 53, 51-52.		2
115	Reliable and efficient autonomous driving: the need for heterogeneous vehicular networks. , 2015, 53, 72-79.		68
116	An open source SDR-based NOMA system for 5G networks. IEEE Wireless Communications, 2015, 22, 24-32.	9.0	46
117	Toward 5G densenets: architectural advances for effective machine-type communications over femtocells. , 2015, 53, 134-141.		114
118	10 Gb/s hetsnets with millimeter-wave communications: access and networking - challenges and protocols. , 2015, 53, 222-231.		111
119	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
120	Quality-of-experience assessment and its application to video services in lte networks. IEEE Wireless Communications, 2015, 22, 70-78.	9.0	75
121	Stochastic delay analysis of an architecture integrating VANET with LTE networks. , 2015, , .		2
122	Survey of Large-Scale MIMO Systems. IEEE Communications Surveys and Tutorials, 2015, 17, 1738-1760.	39.4	249
123	Cooperative heterogeneous framework for spectrum harvesting in cognitive cellular network. , 2015, 53, 60-67.		25
124	Low power wide area machine-to-machine networks: key techniques and prototype. , 2015, 53, 64-71.		154
125	An SMDP-Based Resource Allocation in Vehicular Cloud Computing Systems. IEEE Transactions on Industrial Electronics, 2015, 62, 7920-7928.	7.9	206
126	Dynamic Performance Analysis of Uplink Transmission in Cluster-Based Heterogeneous Vehicular Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5584-5595.	6.3	43

#	ARTICLE	IF	CITATIONS
127	Joint optimization of link scheduling and resource allocation in cooperative vehicular networks. Eurasip Journal on Wireless Communications and Networking, 2015, 2015, .	2.4	11
128	A utility-based resource allocation scheme in cloud-assisted vehicular network architecture. , 2015, , .		23
129	Performance analysis of device-to-device communications underlying cellular networks. Telecommunication Systems, 2015, 60, 29-41.	2.5	7
130	Flow-Level Performance of Device-to-Device Overlaid OFDM Cellular Networks. Lecture Notes in Computer Science, 2015, , 305-314.	1.3	3
131	Advances in Massive MIMO Antenna Design, Channel Modeling, and System Technologies. International Journal of Antennas and Propagation, 2014, 2014, 1-1.	1.2	14
132	Massive MIMO Channel Models: A Survey. International Journal of Antennas and Propagation, 2014, 2014, 1-10.	1.2	110
133	Performance analysis for downlink massive MIMO system with ZF precoding. Transactions on Emerging Telecommunications Technologies, 2014, 25, 1219-1230.	3.9	46
134	QoE-Based Scheduling for Mobile Cloud Services via Stochastic Learning. , 2014, , .		4
135	A novel beamforming scheme in FD-MIMO systems with spatial correlation. , 2014, , .		2
136	Energy efficiency optimization of simultaneous wireless information and power transfer system with power splitting receiver. , 2014, , .		19
137	Implementation and performance evaluation of LECIM for 5G M2M applications with SDR. , 2014, , .		9
138	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
139	Dynamic downlink aggregation carrier scheduling scheme for wireless networks. IET Communications, 2014, 8, 114-123.	2.2	17
140	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
141	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
142	Editorial: IEEE Communications Surveys & Tutorials — Machine-to-Machine Technologies & Architectures. IEEE Communications Surveys and Tutorials, 2014, 16, 1-3.	39.4	25
143	Implementation and Demonstration of WAVE Networking Services for Intelligent Transportation Systems. Lecture Notes in Computer Science, 2014, , 130-139.	1.3	1
144	Challenges on wireless heterogeneous networks for mobile cloud computing. IEEE Wireless Communications, 2013, 20, 34-44.	9.0	135

#	ARTICLE	IF	CITATIONS
145	Energy Efficient Power Allocation Algorithm for Downlink Massive MIMO with MRT Precoding. , 2013, , .		48
146	An efficient resource allocation scheme for vehicle-to-infrastructure communications. , 2013, , .		0
147	Energy efficient power allocation strategy for downlink MU-MIMO with massive antennas. Journal of China Universities of Posts and Telecommunications, 2013, 20, 1-7.	0.8	0
148	A Graph-Based Cooperative Scheduling Scheme for Vehicular Networks. IEEE Transactions on Vehicular Technology, 2013, 62, 1450-1458.	6.3	72
149	Stochastic Performance Analysis of a Wireless Finite-State Markov Channel. IEEE Transactions on Wireless Communications, 2013, 12, 782-793.	9.2	113
150	A novel location-based channel congestion control scheme in V2I networks. , 2013, , .		1
151	Performance analysis of user association policies in small cell networks using Stochastic Petri Nets. , 2013, , .		1
152	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
153	ETT special issue on "Quality of Experience in Wireless Multimedia Systems"™. Transactions on Emerging Telecommunications Technologies, 2013, 24, 257-258.	3.9	0
154	Trade-off of average area spectrum efficiency and energy efficiency. , 2013, , .		3
155	Performance analysis of cooperative virtual multiple-input-output in small cell networks. IET Communications, 2013, 7, 1729-1738.	2.2	2
156	Analysis of Conditional Error Rate and Combining Schemes in HARQ. IEEE Transactions on Signal Processing, 2012, 60, 2677-2682.	5.3	11
157	A new queue-status resource allocation scheme for backhaul link in relay enhanced networks. , 2012, , .		2
158	PNN-based QoE measuring model for video applications over LTE system. , 2012, , .		0
159	A novel interference cancellation receiver in DS-CDMA-MIMO system. , 2012, , .		0
160	A Novel QoE-Based Carrier Scheduling Scheme in LTE-Advanced Networks with Multi-Service. , 2012, , .		15
161	A novel scheduling scheme for finite buffer service in time-varying channels. , 2012, , .		0
162	A high energy efficient scheme with Selecting Sub-Carriers Modulation in OFDM system. , 2012, , .		13

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163	Improved Wideband Precoding with Arbitrary Subcarrier Grouping in MIMO-OFDM Systems. ETRI Journal, 2012, 34, 9-16.	2.0	6
164	Radio resource allocation in LTE-advanced cellular networks with M2M communications. , 2012, 50, 184-192.		281
165	Utility-based Resource Allocation with Bipartite Matching in OFDMA-based Wireless Systems. KSII Transactions on Internet and Information Systems, 2012, , .	0.3	0
166	A cooperative hierarchical transmission scheme in railway wireless communication networks. , 2011, , .		2
167	A Distributed Resource Allocation Scheme in Femtocell Networks. , 2011, , .		17
168	A Distributed Inter-Cell Interference Coordination Scheme between Femtocells in LTE-Advanced Networks. , 2011, , .		10
169	Multi-User Precoding and Energy-Efficient Relaying Scheme in Multi-Relay Systems. , 2011, , .		2
170	Energy-efficient wireless in-home: the need for interference-controlled femtocells. IEEE Wireless Communications, 2011, 18, 36-44.	9.0	45
171	Interference coordination for OFDM-based multihop LTE-advanced networks. IEEE Wireless Communications, 2011, 18, 54-63.	9.0	50
172	Performance analysis of the unicasting mode in multi-relay systems. International Journal of Communication Systems, 2011, 24, 513-525.	2.5	12
173	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
174	Distributed Spatial-Temporal Precoding with Limited Feedback. IEICE Transactions on Communications, 2010, E93-B, 407-410.	0.7	1
175	Adaptive Modulation in Coded Cooperation under Rayleigh Fading Channels. IEICE Transactions on Communications, 2010, E93-B, 82-89.	0.7	0
176	Interference coordination between femtocells in LTE-advanced networks with carrier aggregation. , 2010, , .		14
177	Proportional Fair Based Subcarrier Allocation for OFDMA System with DF Relay. IEICE Transactions on Communications, 2010, E93-B, 187-191.	0.7	0
178	Performance Analysis of HARQ Transmission in Cooperative DF Relaying Systems. Wireless Personal Communications, 2010, 55, 441-455.	2.7	11
179	Distributed spatial-temporal precoding with limited feedback in MIMO multi-relay systems. International Journal of Communication Systems, 2010, 23, 1334-1352.	2.5	9
180	Joint subcarrier and power allocation for uplink relay-enhanced OFDM systems. International Journal of Communication Systems, 2010, 23, 1366-1381.	2.5	4

#	ARTICLE	IF	CITATIONS
181	A novel codebook design with the LBG algorithm in precoding systems under spatial correlated channel. , 2010, , .		4
182	Adaptive Spatial Channel Mapping in MIMO Relay Systems: A Unified Framework. IEEE Signal Processing Letters, 2010, 17, 257-260.	3.6	6
183	Two novel noise estimation methods with low complexity for the OFDM system. , 2010, , .		0
184	Selective fractional incremental relaying protocol in cooperative systems. , 2010, , .		2
185	Successive Phase Sharing and Distributed Multiuser Precoding in Multirelay Systems. IEEE Signal Processing Letters, 2010, 17, 859-862.	3.6	5
186	Semi-persistent scheduling for VoIP service in the LTE-Advanced relaying networks. , 2010, , .		4
187	Distributed temporal precoding with a novel power allocation scheme in cooperative systems. , 2010, , .		0
188	Performance of 3GPP LTE-Advanced networks with Type I relay nodes. , 2010, , .		4
189	Design and Analysis on Macro Diversity Scheme for Broadcast Services in Mobile Cellular Systems. IEICE Transactions on Communications, 2010, E93-B, 3113-3120.	0.7	0
190	An uplink hybrid multiple access scheme for wireless communication systems. , 2010, , .		0
191	Performance analysis on conditional error ratio in HARQ transmission. , 2009, , .		4
192	Permutation Optimization in QRD Based Multi-Relay Systems. , 2009, , .		2
193	Resource Allocation Optimization for OFDM-Based Amplify-And-Forward Multi-Relay System. , 2009, , .		0
194	Impacts of amplifier nonlinearities on uplink performance in 3G LTE systems. , 2009, , .		3
195	Distributed power control for OFDMA based spatial multiplexing multi-hop systems. , 2009, , .		0
196	Multihop cellular networks toward LTE-advanced. IEEE Vehicular Technology Magazine, 2009, 4, 40-47.	3.4	51
197	Design and Performance of Space-Time Precoder With Hybrid ARQ Transmission. IEEE Transactions on Vehicular Technology, 2009, 58, 1816-1822.	6.3	5
198	Performance analysis of amplify-and-forward relaying with hybrid-ARQ in Rayleigh fading channels. Journal of China Universities of Posts and Telecommunications, 2009, 16, 32-37.	0.8	0

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199	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
200	Adaptive modulation for SVD-based MIMO systems with outdated CSI. Journal of China Universities of Posts and Telecommunications, 2009, 16, 78-83.	0.8	0
201	Cooperative HARQ protocol and diversity analysis of systems with multiple incremental relays. Journal of China Universities of Posts and Telecommunications, 2009, 16, 8-13.	0.8	0
202	Approximate Performance Analysis of the Incremental Relaying Protocol and Modification. , 2009, , .		8
203	Spatial Multi-User Pairing for Uplink Virtual-MIMO Systems with Linear Receiver. , 2009, , .		17
204	Route Selection Strategies in Cellular Networks with Two-Hop Relaying. , 2009, , .		7
205	A Novel Observe-and-Forward Scheme in Wireless Cooperative Relaying Systems. , 2009, , .		0
206	Distributed Spatial-Temporal Precoding and Power Allocation in MIMO Relay Systems with Limited Feedback. , 2009, , .		3
207	Two effective unicast modes in MIMO multi-relay systems. , 2009, , .		1
208	Resource Allocation for Dual-Hop OFDM Systems with Multiple Decode-and-Forward Relays. , 2009, , .		0
209	Performance enhancement in TDD-HSUPA with subarray beamforming. , 2009, , .		0
210	Precoder design in cooperative systems with amplify-and-forward relaying. , 2009, , .		1
211	Linear Transceiver Processing in Non-Regenerative MIMO Relay Systems with Multiuser. , 2009, , .		0
212	Performance Evaluation of Carrier Aggregation for Elastic Traffic in LTE-Advanced Systems. IEICE Transactions on Communications, 2009, E92-B, 3516-3519.	0.7	22
213	Beyond 3G Evolution. IEEE Vehicular Technology Magazine, 2008, 3, 30-36.	3.4	16
214	Two modified L2S interface methods for mixed modulation scheme. , 2008, , .		2
215	Iterative Partial-Interference-Cancellation-based Detector for OFDM Systems over Doubly-Selective Rayleigh Fading Channels. , 2007, , .		2
216	Practical Frequency Synchronization Scheme in an Open Software Radio TD-SCDMA System. , 2007, , .		2

#	ARTICLE	IF	CITATIONS
217	A Hierarchical Selective CQI Feedback Scheme for 3GPP Long-Term Evolution System. , 2007, , .		9
218	A Transmit Diversity Scheme with Hierarchical Transmission for Broadcast in Cellular Systems. , 2007, , .		1
219	A Weighted-Selective Scheduling Scheme in an Open Software Radio Environment. , 2007, , .		2
220	Linear Space-Time Precoder with Hybrid ARQ Transmission. , 2007, , .		5
221	DFT-Based Channel Estimation in Comb-Type Pilot-Aided OFDM Systems with Virtual Carriers. , 2007, , .		7
222	Multi-Service Access Capacities Analysis of TDDCDMA System with Soft Blocking. , 2007, , .		0
223	A Dynamic Resource Allocation Scheme Based on Soft Frequency Reuse for OFDMA Systems. , 2007, , .		6
224	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
225	Group-based user pairing for virtual MIMO in LTE. Journal of China Universities of Posts and Telecommunications, 2007, 14, 38-42.	0.8	7
226	A Roadside Downlink Wireless Transmission Scheme Using OFDM and Virtual MIMO. , 2006, , .		0
227	Iterative DFT-based Channel Estimation for MIMO-OFDM Systems. , 2006, , .		3
228	Improved Interference Cancellation in CDM-FH-OFDMA Systems. , 2006, , .		0
229	Downlink Resource Management for Packet Transmission in MIMO-OFDM Wireless Communication Systems. , 2006, , .		2
230	Hybrid ARQ Scheme with Antenna Permutation for MIMO Systems in Slow Fading Channels. Lecture Notes in Computer Science, 2006, , 1222-1227.	1.3	1
231	Open Wireless Software Radio on Common PC. , 2006, , .		12
232	Performance analysis of uplink MC-CDMA/TDD systems with pre-compensation. , 2006, , .		0
233	Timing Performance Analysis in an Open Software Radio System. , 2006, , .		2
234	Performance and Analysis of CDM-FH-OFDMA for Broadband Wireless Systems. Lecture Notes in Computer Science, 2006, , 978-989.	1.3	0

#	ARTICLE	IF	CITATIONS
235	Performance Analysis for OFDM-CDMA With Joint Frequency-Time Spreading. IEEE Transactions on Broadcasting, 2005, 51, 144-148.	3.2	26
236	Optimization method of spanning tree aggregation for hierarchical QoS routing. , 2005, , .		2
237	TD-CDM-OFDM: Evolution of TD-SCDMA toward 4G. , 2005, 43, 45-52.		22
238	Performance comparison of interleaving methods in joint frequency-time spreading OFDM-CDMA. , 2004, , .		0
239	A novel uplink channel estimation in OFDM-CDMA systems. IEEE Transactions on Consumer Electronics, 2004, 50, 125-129.	3.6	14
240	Channel estimation for OFDM in mobile communication systems. , 2004, 5284, 21.		0
241	Analysis and optimization of pilot-symbol-assisted MC-CDMA systems. , 2004, , .		1
242	Time and frequency synchronization for uplink OFDM-CDMA. , 2004, , .		2
243	Uplink performance of MC-CDMA/TDD systems with pre-compensation. , 0, , .		0
244	Channel Estimation Based on Delay-Subspace Filter for Uplink of CDM-OFDMA System. , 0, , .		4
245	Diversity Gainâ€™s Influence on MIMOâ€™s Detection. , 0, , .		0
246	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
247	Blockchain-Based Decentralized Trust Management in Vehicular Networks. , 0, .		1