

Mugen Peng

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4672325/publications.pdf>

Version: 2024-02-01

461
papers

13,711
citations

29994

54
h-index

28224

105
g-index

468
all docs

468
docs citations

468
times ranked

9175
citing authors

#	ARTICLE	IF	CITATIONS
1	Software defined intelligent satellite-terrestrial integrated networks: Insights and challenges. Digital Communications and Networks, 2023, 9, 1331-1339.	2.7	5
2	Virtual Reality Streaming in Blockchain-Enabled Fog Radio Access Networks. IEEE Internet of Things Journal, 2022, 9, 8067-8077.	5.5	2
3	Federated Learning With Non-IID Data in Wireless Networks. IEEE Transactions on Wireless Communications, 2022, 21, 1927-1942.	6.1	44
4	Joint Channel Estimation and Active-User Detection for Massive Access in Internet of Things—A Deep Learning Approach. IEEE Internet of Things Journal, 2022, 9, 2870-2881.	5.5	10
5	Channel Estimation for Intelligent Reflecting Surface Assisted Massive MIMO Systems—A Deep Learning Approach. IEEE Communications Letters, 2022, 26, 798-802.	2.5	17
6	Joint Communication and Computation Resource Allocation in Fog-Based Vehicular Networks. IEEE Internet of Things Journal, 2022, 9, 13195-13208.	5.5	13
7	Theory and techniques for intelligent wireless networks. Frontiers of Information Technology and Electronic Engineering, 2022, 23, 1-4.	1.5	14
8	Non-Iterative Method for Extracting Complex Permittivity and Thickness of Materials From Reflection-Only Measurements. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-8.	2.4	3
9	Collaborative multiple access and energy-efficient resource allocation in distributed maritime wireless networks. China Communications, 2022, 19, 137-153.	2.0	1
10	Adaptive Subspace Signal Detection in Structured Interference Plus Compound Gaussian Sea Clutter. Remote Sensing, 2022, 14, 2274.	1.8	3
11	Three-Dimensional Trajectory Designs for Unmanned Aerial Vehicle-Enabled Communications With Kinematic Constraints. IEEE Transactions on Vehicular Technology, 2022, 71, 10910-10922.	3.9	3
12	Communication and Computation Assisted Sensing Information Freshness Performance Analysis in Vehicular Networks. , 2022, , .		1
13	Delay-Optimized Resource Allocation in Fog-Based Vehicular Networks. IEEE Internet of Things Journal, 2021, 8, 1347-1357.	5.5	24
14	Performance analysis of diffusion-based decode-and-forward relay with depleted molecule shift keying. Digital Communications and Networks, 2021, 7, 399-409.	2.7	5
15	A Multi-Stage Stochastic Programming-Based Offloading Policy for Fog Enabled IoT-eHealth. IEEE Journal on Selected Areas in Communications, 2021, 39, 411-425.	9.7	57
16	Deep Reinforcement Learning Based Computation Offloading in Fog Enabled Industrial Internet of Things. IEEE Transactions on Industrial Informatics, 2021, 17, 4978-4987.	7.2	43
17	Resource Allocation for Energy-Efficient MEC in NOMA-Enabled Massive IoT Networks. IEEE Journal on Selected Areas in Communications, 2021, 39, 1015-1027.	9.7	129
18	Tradeoff between Model Accuracy and Cost for Federated Learning in the Mobile Edge Computing Systems. , 2021, , .		2

#	ARTICLE	IF	CITATIONS
19	ChainsFL: Blockchain-driven Federated Learning from Design to Realization. , 2021, , .		15
20	Channel estimation for reconfigurable intelligent surface assisted wireless communication systems in mobility scenarios. China Communications, 2021, 18, 29-38.	2.0	27
21	An Incentive Mechanism for Privacy-Preserving Crowdsensing via Deep Reinforcement Learning. IEEE Internet of Things Journal, 2021, 8, 8616-8631.	5.5	45
22	On the Design of Content Transmissions with Recommendation in Wireless Caching Networks. , 2021, , .		0
23	DAG-FL: Direct Acyclic Graph-based Blockchain Empowers On-Device Federated Learning. , 2021, , .		4
24	Harmonizing Artificial Intelligence with Radio Access Networks: Advances, Case Study, and Open Issues. IEEE Network, 2021, 35, 144-151.	4.9	4
25	Unintentional forking analysis in wireless blockchain networks. Digital Communications and Networks, 2021, 7, 335-341.	2.7	9
26	On the Design of Federated Learning in the Mobile Edge Computing Systems. IEEE Transactions on Communications, 2021, 69, 5902-5916.	4.9	21
27	Authorization for Access in Fog Radio Access Networks. , 2021, , .		1
28	Online 3-D Trajectory Design for UAV-Enabled Communications with User Mobility and UAV Kinematic Constraints. , 2021, , .		1
29	Free-Space Optical Communication System Using Non-mode-Selective Photonic Lantern Based Receiver With Different Number of Single-Mode Fiber Cores. , 2021, , .		0
30	Joint Sensing, Communication, and Computation Resource Allocation for Cooperative Perception in Fog-Based Vehicular Networks. , 2021, , .		6
31	Joint design of content delivery and recommendation in wireless caching networks. China Communications, 2021, 18, 61-75.	2.0	2
32	Coverage Analysis of Fog-Enabled Vehicular Networks with User Mobility. , 2021, , .		0
33	Recent advances in Industrial Internet: insights and challenges. Digital Communications and Networks, 2020, 6, 1-13.	2.7	73
34	How Does CSMA/CA Affect the Performance and Security in Wireless Blockchain Networks. IEEE Transactions on Industrial Informatics, 2020, 16, 4270-4280.	7.2	32
35	Performance analysis and comparison of PoW, PoS and DAG based blockchains. Digital Communications and Networks, 2020, 6, 480-485.	2.7	150
36	Tradeoff Between Ergodic Rate and Delivery Latency in Fog Radio Access Networks. IEEE Transactions on Wireless Communications, 2020, 19, 2240-2251.	6.1	4

#	ARTICLE	IF	CITATIONS
37	Performance Analysis of Signal Detection for Amplify-and-Forward Relay in Diffusion-Based Molecular Communication Systems. IEEE Internet of Things Journal, 2020, 7, 1401-1412.	5.5	25
38	Joint User Access Mode Selection and Content Popularity Prediction in Non-Orthogonal Multiple Access-Based F-RANs. IEEE Transactions on Communications, 2020, 68, 654-666.	4.9	14
39	DeePGA: A Privacy-Preserving Data Aggregation Game in Crowdsensing via Deep Reinforcement Learning. IEEE Internet of Things Journal, 2020, 7, 4113-4127.	5.5	39
40	Deep-Reinforcement-Learning-Based Mode Selection and Resource Allocation for Cellular V2X Communications. IEEE Internet of Things Journal, 2020, 7, 6380-6391.	5.5	134
41	Optimal Resource Allocation for Delay Minimization in NOMA-MEC Networks. IEEE Transactions on Communications, 2020, 68, 7867-7881.	4.9	117
42	Joint Optimization of Data Sampling and User Selection for Federated Learning in the Mobile Edge Computing Systems. , 2020, , .		24
43	COMP: Online Control Mechanism for Profit Maximization in Privacy-Preserving Crowdsensing. IEEE Journal on Selected Areas in Communications, 2020, 38, 1614-1628.	9.7	20
44	Intent-based networks for 6G: Insights and challenges. Digital Communications and Networks, 2020, 6, 270-280.	2.7	60
45	Analytical Modeling of NOMA-Based Mobile Edge Computing Systems With Randomly Located Users. IEEE Communications Letters, 2020, 24, 2965-2968.	2.5	6
46	Intelligent UAV Based Flexible 5G Emergency Networks: Field Trial and System Level Results. , 2020, , .		7
47	IEEE Access Special Section Editorial: Fog Radio Access Networks (F-RANS) for 5G: Recent Advances and Future Trends. IEEE Access, 2020, 8, 207008-207011.	2.6	2
48	Artificial-Intelligence-Driven Fog Radio Access Networks: Recent Advances and Future Trends. IEEE Wireless Communications, 2020, 27, 12-13.	6.6	16
49	Federated-Learning-Enabled Intelligent Fog Radio Access Networks: Fundamental Theory, Key Techniques, and Future Trends. IEEE Wireless Communications, 2020, 27, 22-28.	6.6	82
50	Performance Analysis of D-MoSK Modulation in Mobile Diffusive-Drift Molecular Communications. IEEE Internet of Things Journal, 2020, 7, 11318-11326.	5.5	9
51	Unsupervised Deep Transfer Learning for Fault Diagnosis in Fog Radio Access Networks. IEEE Internet of Things Journal, 2020, 7, 8956-8966.	5.5	13
52	Resource Allocation for Non-Orthogonal Multiple Access-Enabled Fog Radio Access Networks. IEEE Transactions on Wireless Communications, 2020, 19, 3867-3878.	6.1	15
53	Toward Edge Intelligence: Multiaccess Edge Computing for 5G and Internet of Things. IEEE Internet of Things Journal, 2020, 7, 6722-6747.	5.5	302
54	Learning Based Joint Cache and Power Allocation in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 4401-4411.	3.9	31

#	ARTICLE	IF	CITATIONS
55	Machine-Learning Approach for User Association and Content Placement in Fog Radio Access Networks. IEEE Internet of Things Journal, 2020, 7, 9413-9425.	5.5	15
56	Mode Selection and Resource Allocation in Sliced Fog Radio Access Networks: A Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2020, 69, 4271-4284.	3.9	42
57	Vision, Requirements, and Technology Trend of 6G: How to Tackle the Challenges of System Coverage, Capacity, User Data-Rate and Movement Speed. IEEE Wireless Communications, 2020, 27, 218-228.	6.6	388
58	A Realization of Fog-RAN Slicing via Deep Reinforcement Learning. IEEE Transactions on Wireless Communications, 2020, 19, 2515-2527.	6.1	42
59	Identical Code Cyclic Shift Multiple Access—A Bridge Between CDMA and NOMA. IEEE Transactions on Vehicular Technology, 2020, 69, 2878-2890.	3.9	7
60	Direct Acyclic Graph-Based Ledger for Internet of Things: Performance and Security Analysis. IEEE/ACM Transactions on Networking, 2020, 28, 1643-1656.	2.6	111
61	Architectures, Key Techniques, and Future Trends of Heterogeneous Cellular Networks. , 2020, , 46-53.		0
62	Recent Advances of Edge Cache in Radio Access Networks for Internet of Things: Techniques, Performances, and Challenges. IEEE Internet of Things Journal, 2019, 6, 1010-1028.	5.5	56
63	Deep Reinforcement Learning-Enabled Secure Visible Light Communication Against Eavesdropping. IEEE Transactions on Communications, 2019, 67, 6994-7005.	4.9	71
64	Performance Analysis of Computation Offloading in Fog-Radio Access Networks. , 2019, , .		10
65	On the Design of Computation Offloading in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 7136-7149.	3.9	70
66	When Internet of Things Meets Blockchain: Challenges in Distributed Consensus. IEEE Network, 2019, 33, 133-139.	4.9	239
67	Dynamic Power Control for NOMA Transmissions in Wireless Caching Networks. IEEE Wireless Communications Letters, 2019, 8, 1485-1488.	3.2	41
68	User Association and Power Allocation for Multi-Cell Non-Orthogonal Multiple Access Networks. IEEE Transactions on Wireless Communications, 2019, 18, 5284-5298.	6.1	56
69	Joint Resource Block-Power Allocation for NOMA-Enabled Fog Radio Access Networks. , 2019, , .		11
70	Advanced User Association in Non-Orthogonal Multiple Access-Based Fog Radio Access Networks. IEEE Transactions on Communications, 2019, 67, 8408-8421.	4.9	13
71	A Game-Theoretic Approach to Cache and Radio Resource Management in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 10145-10159.	3.9	35
72	Reinforcement Learning-Based Microgrid Energy Trading With a Reduced Power Plant Schedule. IEEE Internet of Things Journal, 2019, 6, 10728-10737.	5.5	74

#	ARTICLE	IF	CITATIONS
73	Hierarchical Radio Resource Allocation for Network Slicing in Fog Radio Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 3866-3881.	3.9	63
74	Application of Machine Learning in Wireless Networks: Key Techniques and Open Issues. IEEE Communications Surveys and Tutorials, 2019, 21, 3072-3108.	24.8	357
75	Joint Radio Communication, Caching, and Computing Design for Mobile Virtual Reality Delivery in Fog Radio Access Networks. IEEE Journal on Selected Areas in Communications, 2019, 37, 1594-1607.	9.7	99
76	Testbed Design and Performance Emulation in Fog Radio Access Networks. IEEE Network, 2019, 33, 49-57.	4.9	8
77	Content Placement with Unknown Popularity in Fog Radio Access Networks. , 2019, , .		7
78	Optimal Task Partition and Power Allocation for Mobile Edge Computing with NOMA. , 2019, , .		8
79	Dynamics of User Association in Non-Orthogonal Multiple Access Enhanced Fog Radio Access Networks. , 2019, , .		0
80	Joint Bandwidth, Caching, and Computing Resource Allocation for Mobile VR Delivery in F-RANs. , 2019, , .		5
81	Proximity detection based on mobile edge computing in time-aware road networks. , 2019, , .		3
82	Cooperative Edge Caching in Fog Radio Access Networks: A Pigeon Inspired Optimization Approach. , 2019, , .		8
83	Performance Analysis of Relay based Molecular Communication with Depleted Molecule Shift Keying. , 2019, , .		0
84	Mobile Edge Computing-Enhanced Proximity Detection in Time-Aware Road Networks. IEEE Access, 2019, 7, 167958-167972.	2.6	6
85	Joint Resource Block and Power Allocation in NOMA Based Fog Radio Access Networks. , 2019, , .		2
86	Joint Cache and Radio Resource Management in Fog Radio Access Networks: A Hierarchical Two-Timescale Optimization Perspective. , 2019, , .		1
87	A Deep Reinforcement Learning Based Content Caching and Mode Selection for Slice Instances in Fog Radio Access Networks. , 2019, , .		1
88	Joint design of coalition formation and semi-blind channel estimation in fog radio access networks. China Communications, 2019, 16, 1-15.	2.0	19
89	Enhanced Sensing-Based Resource Scheduling Algorithm for 5G V2V Communications. , 2019, , .		4
90	Impact of Network Load on Direct Acyclic Graph Based Blockchain for Internet of Things. , 2019, , .		4

#	ARTICLE	IF	CITATIONS
91	Hybrid Precoding-Based Millimeter-Wave Massive MIMO-NOMA With Simultaneous Wireless Information and Power Transfer. IEEE Journal on Selected Areas in Communications, 2019, 37, 131-141.	9.7	219
92	Deep Reinforcement Learning-Based Mode Selection and Resource Management for Green Fog Radio Access Networks. IEEE Internet of Things Journal, 2019, 6, 1960-1971.	5.5	161
93	A Game Theory Approach for Joint Access Selection and Resource Allocation in UAV Assisted IoT Communication Networks. IEEE Internet of Things Journal, 2019, 6, 1663-1674.	5.5	96
94	Probe selection for over-the-air test in 5G base stations with massive multiple-input multiple-output. China Communications, 2019, 16, 1-12.	2.0	93
95	Interference Coordination in Heterogeneous Small-Cell Networks: A Coalition Formation Game Approach. IEEE Systems Journal, 2018, 12, 604-615.	2.9	25
96	Radio Resource Allocation for Achieving Ultra-Low Latency in Fog Radio Access Networks. IEEE Access, 2018, 6, 17442-17454.	2.6	41
97	Channel Matrix Sparsity With Imperfect Channel State Information in Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 1363-1374.	3.9	1
98	Joint User-Association and Resource-Allocation in Virtualized C-RAN. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2018, , 265-275.	0.2	0
99	Coverage Performance of NOMA in Wireless Caching Networks. IEEE Communications Letters, 2018, 22, 1458-1461.	2.5	23
100	Distributed Finite-Step Iterative Algorithm for Economic Dispatch of Generation. IEEE Transactions on Industrial Informatics, 2018, 14, 5221-5232.	7.2	21
101	Spectrum Sharing Based on Overlay Cognitive Full-Duplex Two-Way OFDM Relaying: Protocol Design and Resource Allocation. IEEE Transactions on Vehicular Technology, 2018, 67, 2324-2334.	3.9	13
102	Edge computing technologies for Internet of Things: a primer. Digital Communications and Networks, 2018, 4, 77-86.	2.7	422
103	Outage Probability Analysis of Non-Orthogonal Multiple Access in Cloud Radio Access Networks. IEEE Communications Letters, 2018, 22, 149-152.	2.5	28
104	Allocating Multi-type Resources in Heterogeneous Cloud Radio Access Networks. Mobile Networks and Applications, 2018, 23, 611-623.	2.2	2
105	Joint Beamforming and Clustering Optimization of Hybrid-Energy-Powered eRRHs in F-RANs. , 2018, , .		1
106	Deep Reinforcement Learning Based Coded Caching Scheme in Fog Radio Access Networks. , 2018, , .		9
107	Optimization of Virtual Mobility Management based on NFV and SFC. , 2018, , .		0
108	Reinforcement Learning-Based Interference Control for Ultra-Dense Small Cells. , 2018, , .		12

#	ARTICLE	IF	CITATIONS
109	Regional LEO Satellite Constellation Design Based on User Requirements. , 2018, , .		11
110	Joint Resource Slicing for Uplink in OFDMA-Based Cloud RAN. , 2018, , .		0
111	Architectures, Key Techniques, and Future Trends of Heterogeneous Cellular Networks. , 2018, , 1-8.		0
112	Recent Advances of Heterogenous RadioAccess Networks: A Survey. Journal of Mobile Multimedia, 2018, 14, 345-366.	0.9	5
113	Dynamic power allocation scheme with clustering based on physical layer security. IET Communications, 2018, 12, 2546-2551.	1.5	3
114	Joint Optimization of Cache Placement and Bandwidth Allocation in Heterogeneous Networks. IEEE Access, 2018, 6, 37250-37260.	2.6	5
115	NFV and SFC: A Case Study of Optimization for Virtual Mobility Management. IEEE Journal on Selected Areas in Communications, 2018, 36, 2318-2332.	9.7	11
116	Cost-Aware Resource Allocation for Optimization of Energy Efficiency in Fog Radio Access Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2581-2590.	9.7	20
117	Joint Data-Energy Beamforming and Traffic Offloading in Cloud Radio Access Networks With Energy Harvesting-Aided D2D Communications. IEEE Transactions on Wireless Communications, 2018, 17, 8094-8107.	6.1	15
118	Embracing non-orthogonalmultiple access in future wireless networks. Frontiers of Information Technology and Electronic Engineering, 2018, 19, 322-339.	1.5	24
119	Performance Analysis of Cooperative Relaying in Diffusion-Based Molecular Communication. , 2018, , .		3
120	Performance Analysis and Evaluation of Cloud Radio Access Networks. , 2018, , .		1
121	Learning-Based Defense against Malicious Unmanned Aerial Vehicles. , 2018, , .		19
122	Modeling and Performance Analysis in UAV Assisted Ultra Dense Networks. , 2018, , .		9
123	User Access Mode Selection in Satellite-Aerial Based Emergency Communication Networks. , 2018, , .		9
124	A Distributed Approach to Improving Spectral Efficiency in Uplink Device-to-Device-Enabled Cloud Radio Access Networks. IEEE Transactions on Communications, 2018, 66, 6511-6526.	4.9	36
125	Delay-Aware Radio Resource Allocation Optimization for Network Slicing in Fog Radio Access Networks. , 2018, , .		13
126	Performance Analysis of Reversible Binding Receptor Based Decode-and-Forward Relay in Molecular Communication Systems. IEEE Wireless Communications Letters, 2018, 7, 880-883.	3.2	19

#	ARTICLE	IF	CITATIONS
127	Secrecy-Optimized Resource Allocation for Device-to-Device Communication Underlying Heterogeneous Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 1822-1834.	3.9	47
128	Power Allocation for Cache-Aided Small-Cell Networks With Limited Backhaul. IEEE Access, 2017, 5, 1272-1283.	2.6	30
129	An Evolutionary Game for User Access Mode Selection in Fog Radio Access Networks. IEEE Access, 2017, 5, 2200-2210.	2.6	53
130	Resource Allocation in Cloud Radio Access Networks With Device-to-Device Communications. IEEE Access, 2017, 5, 1250-1262.	2.6	33
131	Economical Energy Efficiency: An Advanced Performance Metric for 5G Systems. IEEE Wireless Communications, 2017, 24, 32-37.	6.6	29
132	Open access strategy in cloud computing-based heterogenous networks constrained by wireless fronthaul. China Communications, 2017, 14, 143-153.	2.0	0
133	Diffusion based molecular communication: principle, key technologies, and challenges. China Communications, 2017, 14, 1-18.	2.0	28
134	A Data Mining Approach Combining K-Means Clustering With Bagging Neural Network for Short-Term Wind Power Forecasting. IEEE Internet of Things Journal, 2017, 4, 979-986.	5.5	118
135	Cost-Efficient Resource Allocation in Cloud Radio Access Networks With Heterogeneous Fronthaul Expenditures. IEEE Transactions on Wireless Communications, 2017, 16, 4626-4638.	6.1	31
136	Delay-Aware Uplink Fronthaul Allocation in Cloud Radio Access Networks. IEEE Transactions on Wireless Communications, 2017, 16, 4275-4287.	6.1	14
137	On the Spectral Efficiency and Security Enhancements of NOMA Assisted Multicast-Unicast Streaming. IEEE Transactions on Communications, 2017, 65, 3151-3163.	4.9	179
138	Editorial: Game Theory for 5G Wireless Networks. Mobile Networks and Applications, 2017, 22, 526-528.	2.2	4
139	Cluster Formation with Data-Assisted Channel Estimation in Cloud-Radio Access Networks. , 2017, , ,		0
140	A Non-Orthogonal Multiple Access-Based Multicast Scheme in Wireless Content Caching Networks. IEEE Journal on Selected Areas in Communications, 2017, 35, 2723-2735.	9.7	57
141	IEEE Access Special Section Editorial: Recent Advances in Socially-Aware Mobile Networking. IEEE Access, 2017, 5, 12596-12600.	2.6	0
142	Fully Exploiting Cloud Computing to Achieve a Green and Flexible C-RAN. , 2017, 55, 40-46.		26
143	Network Slicing in Fog Radio Access Networks: Issues and Challenges. , 2017, 55, 110-116.		59
144	Joint resource allocation and caching placement for network slicing in fog radio access networks. , 2017, , ,		16

#	ARTICLE	IF	CITATIONS
145	Economical-energy-efficient resource allocation for cache-enabled cloud radio access networks. , 2017, , .		1
146	Energy-efficient resource allocation in delay-aware wireless virtualized networks. , 2017, , .		4
147	Resource Allocation Optimization for Delay-Sensitive Traffic in Fronthaul Constrained Cloud Radio Access Networks. IEEE Systems Journal, 2017, 11, 2267-2278.	2.9	53
148	Performance analysis for cooperative relaying in diffusion-based molecular communication. , 2017, , .		5
149	Collaborative UHF-based anti-jamming broadcast with learning. , 2017, , .		1
150	Performance analysis and optimal signal detection for amplify-and-forward relay in diffusion-based molecular communication systems. , 2017, , .		6
151	A hierarchical approach for terminal awareness in fog radio access networks. , 2017, , .		0
152	Co-channel interference in two-tier heterogeneous networks: analytical model and ergodic capacity. Transactions on Emerging Telecommunications Technologies, 2016, 27, 101-110.	2.6	16
153	Coverage and Rate Analysis in Heterogeneous Cloud Radio Access Networks With Device-to-Device Communication. IEEE Access, 2016, 4, 2357-2370.	2.6	26
154	Hierarchical content caching in fog radio access networks: ergodic rate and transmit latency. China Communications, 2016, 13, 1-14.	2.0	16
155	A Distributed Approach in Uplink Device-to-Device Enabled Cloud Radio Access Networks. , 2016, , .		4
156	Joint power allocation and subcarrier pairing for dual-hop OFDM links with full-duplex relaying. , 2016, , .		3
157	Joint Design of Iterative Training-Based Channel Estimation and Cluster Formation in Cloud-Radio Access Networks. IEEE Access, 2016, 4, 9643-9658.	2.6	5
158	Recent Advances in Cloud Radio Access Networks: System Architectures, Key Techniques, and Open Issues. IEEE Communications Surveys and Tutorials, 2016, 18, 2282-2308.	24.8	310
159	Energy-Efficient Joint Congestion Control and Resource Optimization in Heterogeneous Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9873-9887.	3.9	68
160	Wireless-Powered Cooperative Communications: Power-Splitting Relaying With Energy Accumulation. IEEE Journal on Selected Areas in Communications, 2016, 34, 969-982.	9.7	55
161	Cluster Content Caching: An Energy-Efficient Approach to Improve Quality of Service in Cloud Radio Access Networks. IEEE Journal on Selected Areas in Communications, 2016, 34, 1207-1221.	9.7	162
162	Semi-blind pilot-aided channel estimation in uplink cloud radio access networks. China Communications, 2016, 13, 72-79.	2.0	7

#	ARTICLE	IF	CITATIONS
163	Recent Advances in Fog Radio Access Networks: Performance Analysis and Radio Resource Allocation. IEEE Access, 2016, 4, 5003-5009.	2.6	110
164	A blind signal detection scheme for co-channel interference cooperative systems. , 2016, , .		1
165	Economy-efficient resource allocation in cloud radio access networks with fronthaul capacity constraints. , 2016, , .		1
166	Performance Analysis of Multicasting in Cloud-Radio Access Networks. , 2016, , .		3
167	Fog-computing-based radio access networks: issues and challenges. IEEE Network, 2016, 30, 46-53.	4.9	529
168	Optimization of Simultaneous Wireless Information and Power Transfer in Cloud Radio Access Networks. , 2016, , .		3
169	User access mode selection in fog computing based radio access networks. , 2016, , .		39
170	Performance analysis in heterogeneous cloud radio access networks with non-uniform device-to-device deployment. , 2016, , .		0
171	Resource Allocation in Multi-Carrier Full-Duplex Amplify-and-Forward Relaying Networks. , 2016, , .		4
172	Success coverage probability for dynamic resource allocation in small cell networks. , 2016, , .		1
173	Investigation of cell association techniques in uplink cloud radio access networks. Transactions on Emerging Telecommunications Technologies, 2016, 27, 1044-1054.	2.6	4
174	Cloud radio access network: Virtualizing wireless access for dense heterogeneous systems. Journal of Communications and Networks, 2016, 18, 135-149.	1.8	152
175	Optimization of Base-Station Density for High Energy-Efficient Cellular Networks With Sleeping Strategies. IEEE Transactions on Vehicular Technology, 2016, 65, 7501-7514.	3.9	38
176	Near-Optimal Modulo-and-Forward Scheme for the Untrusted Relay Channel. IEEE Transactions on Information Theory, 2016, 62, 2545-2556.	1.5	21
177	Queue-Aware Energy-Efficient Joint Remote Radio Head Activation and Beamforming in Cloud Radio Access Networks. IEEE Transactions on Wireless Communications, 2016, 15, 3880-3894.	6.1	37
178	Relay Power Control for Two-Way Full-Duplex Amplify-and-Forward Relay Networks. IEEE Signal Processing Letters, 2016, , 1-1.	2.1	18
179	Training Design for Channel Estimation in Uplink Cloud Radio Access Networks. IEEE Transactions on Signal Processing, 2016, 64, 3324-3337.	3.2	49
180	Energy-Efficient Resource Allocation Optimization for Multimedia Heterogeneous Cloud Radio Access Networks. IEEE Transactions on Multimedia, 2016, 18, 879-892.	5.2	102

#	ARTICLE	IF	CITATIONS
181	Cooperative Transmissions in 5G Large-scale Relay Systems: How to Keep a Balance Between Performance and Complexity?. Journal of Signal Processing Systems, 2016, 83, 207-223.	1.4	9
182	Throughput Optimizing for Power-Splitting Based Relaying in Wireless-Powered Cooperative Networks. , 2015, , .		1
183	Performance Analysis of Cluster Content Caching in Cloud-Radio Access Networks. , 2015, , .		4
184	Queue-Aware Joint Remote Radio Head Activation and Beamforming for Green Cloud Radio Access Networks. , 2015, , .		5
185	Full-duplex based spectrum sharing in cognitive two-way relay networks. , 2015, , .		8
186	Secrecy-Oriented Resource Sharing for Cellular Device-to-Device Underlay. , 2015, , .		8
187	Optimal resource allocation for multiple network-coded two-way relay in orthogonal frequency division multiplexing systems. Wireless Communications and Mobile Computing, 2015, 15, 30-42.	0.8	3
188	Cognitive radio networks with asynchronous spectrum sensing and access. IEEE Network, 2015, 29, 88-95.	4.9	27
189	Cooperative Non-Orthogonal Multiple Access in 5G Systems. IEEE Communications Letters, 2015, 19, 1462-1465.	2.5	1,232
190	Low-Complexity Segment Training Channel Estimation in Cloud Radio Access Networks. , 2015, , .		3
191	IEEE Access Special Section Editorial: Recent Advances in Software Defined Networking for 5G Networks. IEEE Access, 2015, 3, 3076-3078.	2.6	4
192	Ergodic Rate Analysis for User Access in Downlink Heterogeneous Cloud Radio Access Networks. , 2015, , .		3
193	Delay-optimized small world model for base station caching. , 2015, , .		4
194	3-Dimension Coverage with ultra-densely distributed antenna systems: System design and rate analysis. , 2015, , .		1
195	Average Bit Error Rate and Sum Capacity in Heterogeneous Cloud Radio Access Networks. , 2015, , .		1
196	Perron-Frobenius Theory Based Power Allocation in Heterogeneous Cloud Radio Access Networks. , 2015, , .		1
197	Inter-Tier Interference Suppression in Heterogeneous Cloud Radio Access Networks. IEEE Access, 2015, 3, 2441-2455.	2.6	63
198	Cloud computing based radio access network. China Communications, 2015, 12, 1-2.	2.0	1

#	ARTICLE	IF	CITATIONS
199	Training Design and Channel Estimation in Uplink Cloud Radio Access Networks. IEEE Signal Processing Letters, 2015, 22, 1060-1064.	2.1	56
200	Energy-Efficient Resource Assignment and Power Allocation in Heterogeneous Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2015, 64, 5275-5287.	3.9	311
201	Network Coded Multihop Wireless Communication Networks: Channel Estimation and Training Design. IEEE Journal on Selected Areas in Communications, 2015, 33, 281-294.	9.7	19
202	Energy-efficient resource allocation in heterogeneous networks with cell range expansion. IET Networks, 2015, 4, 209-219.	1.1	3
203	Superimposed Training Based Channel Estimation for Uplink Multiple Access Relay Networks. IEEE Transactions on Wireless Communications, 2015, 14, 4439-4453.	6.1	16
204	Application of smart antenna technologies in simultaneous wireless information and power transfer. , 2015, 53, 86-93.		380
205	Fronthaul-constrained cloud radio access networks: insights and challenges. IEEE Wireless Communications, 2015, 22, 152-160.	6.6	351
206	Relay Mode Selection and Power Allocation for Hybrid One-Way/Two-Way Half-Duplex/Full-Duplex Relaying. IEEE Communications Letters, 2015, 19, 1217-1220.	2.5	23
207	On the Design of Cognitive-Radio-Inspired Asymmetric Network Coding Transmissions in MIMO Systems. IEEE Transactions on Vehicular Technology, 2015, 64, 1014-1025.	3.9	11
208	System architecture and key technologies for 5G heterogeneous cloud radio access networks. IEEE Network, 2015, 29, 6-14.	4.9	380
209	Contract-Based Interference Coordination in Heterogeneous Cloud Radio Access Networks. IEEE Journal on Selected Areas in Communications, 2015, 33, 1140-1153.	9.7	72
210	Recent Advances in Underlay Heterogeneous Networks: Interference Control, Resource Allocation, and Self-Organization. IEEE Communications Surveys and Tutorials, 2015, 17, 700-729.	24.8	154
211	Resource allocation optimization for hybrid access mode in heterogeneous networks. , 2015, , .		5
212	Access Point Reselection and Adaptive Cluster Splitting-Based Indoor Localization in Wireless Local Area Networks. IEEE Internet of Things Journal, 2015, 2, 573-585.	5.5	28
213	Delay-optimal fronthaul allocation via perturbation analysis in cloud radio access networks. , 2015, , .		3
214	Segment training based channel estimation and training design in cloud radio access networks. , 2015, , .		1
215	Downlink heterogeneous small cell networks with cell associations in K-floor indoor scenarios. , 2015, , .		4
216	Cluster formation in cloud-radio access networks: Performance analysis and algorithms design. , 2015, , .		17

#	ARTICLE	IF	CITATIONS
217	Heterogeneous cloud radio access networks [Guest Editorial]. IEEE Wireless Communications, 2015, 22, 12-13.	6.6	1
218	Wireless information and power transfer design with scheduling for cooperative networks. , 2015, , .		0
219	Investigation of service success probability for downlink heterogeneous cellular networks with cell association and user scheduling. , 2015, , .		1
220	Resource allocation for multiuser two-way full-duplex relay networks. , 2015, , .		5
221	Tradeoff between energy efficiency and queues delay in heterogeneous cloud radio access networks. , 2015, , .		6
222	A full-cooperative diversity beamformingscheme in two-way amplify-and-forward relay systems. Digital Communications and Networks, 2015, 1, 57-67.	2.7	9
223	Joint Power Splitting and Antenna Selection in Energy Harvesting Relay Channels. IEEE Signal Processing Letters, 2015, 22, 823-827.	2.1	96
224	Joint Mode Selection and Resource Allocation for Downlink Fog Radio Access Networks Supported D2D. , 2015, , .		6
225	Antenna Selection in Large-Scale Multiple Antenna Systems. Lecture Notes in Computer Science, 2015, , 756-766.	1.0	0
226	Cell Outage Detection and Compensation in Two-Tier Heterogeneous Networks. International Journal of Antennas and Propagation, 2014, 2014, 1-9.	0.7	11
227	Interference coordination in small cell networks using coalition formation game. , 2014, , .		1
228	Adaptive radio resource allocation to optimize throughput in multi-cell energy harvesting wireless networks. , 2014, , .		0
229	Investigation of full-duplex relay networks with imperfect channel estimation. , 2014, , .		8
230	On the Outage Probability of Cognitive Two-Way Relaying Based on Superposition Coding. , 2014, , .		9
231	Heterogeneous cloud radio access networks: a new perspective for enhancing spectral and energy efficiencies. IEEE Wireless Communications, 2014, 21, 126-135.	6.6	390
232	A distributed coalition formation scheme for interference management in dense small cell networks. , 2014, , .		3
233	Channel Estimation for Two-Way Relay Networks in the Presence of Synchronization Errors. IEEE Transactions on Signal Processing, 2014, 62, 6235-6248.	3.2	15
234	Base station density optimization for high energy efficiency in two-tier cellular networks. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
235	Speed estimation in uplink frequency domain for mobile OFDM systems. , 2014, , .		2
236	Spectrum sharing for cognitive two-way relaying: Superposition coding versus time division. , 2014, , .		0
237	Interference Truncation for Compute-and-Forward Relaying in Multiple Access Channels. , 2014, , .		0
238	Distributed power control for device-to-device network using stackelberg game. , 2014, , .		12
239	Joint discontinuous transmission and power control for high energy efficiency in heterogeneous small cell networks. , 2014, , .		2
240	A coalitional game scheme for cooperative interference management in cloud radio access networks. Transactions on Emerging Telecommunications Technologies, 2014, 25, 954-964.	2.6	11
241	Sum Rate Balancing for OFDM-Based Cognitive Two-Way Relaying. , 2014, , .		1
242	IEEE <i>ACCESS</i> Special Section Editorial: Recent Advances in Cloud Radio Access Networks. IEEE Access, 2014, 2, 1683-1685.	2.6	12
243	Work in progress: Dynamic resource allocation and user association for heterogeneous cloud cellular networks. , 2014, , .		0
244	Dynamic resource optimization with congestion control in heterogeneous cloud radio access networks. , 2014, , .		6
245	Classification-based approach for cell outage detection in self-healing heterogeneous networks. , 2014, , .		25
246	A coalitional game based interference management in cloud small cell networks. , 2014, , .		1
247	Best relay selection with network coding in two-way relay systems. International Journal of Communication Systems, 2014, 27, 763-775.	1.6	4
248	Maximum a Posteriori Based Channel Estimation Strategy for Two-Way Relaying Channels. IEEE Transactions on Wireless Communications, 2014, 13, 450-463.	6.1	39
249	Denoise-and-Forward Network Coding for Two-Way Relay MIMO Systems. IEEE Transactions on Vehicular Technology, 2014, 63, 775-788.	3.9	67
250	Spectrum Sharing With Analog Network Coding. IEEE Transactions on Vehicular Technology, 2014, 63, 1703-1716.	3.9	29
251	Delay-aware cooperative multipoint transmission with backhaul limitation in cloud-RAN. , 2014, , .		3
252	Device-to-Device Underlaid Cellular Networks under Rician Fading Channels. IEEE Transactions on Wireless Communications, 2014, 13, 4247-4259.	6.1	118

#	ARTICLE	IF	CITATIONS
253	A Generalized Nash Equilibrium Approach for Robust Cognitive Radio Networks via Generalized Variational Inequalities. IEEE Transactions on Wireless Communications, 2014, 13, 3701-3714.	6.1	28
254	Security-reliability performance of cognitive AF relay-based wireless communication system with channel estimation error. Eurasip Journal on Advances in Signal Processing, 2014, 2014, .	1.0	4
255	Ergodic Capacity Analysis of Remote Radio Head Associations in Cloud Radio Access Networks. IEEE Wireless Communications Letters, 2014, 3, 365-368.	3.2	282
256	Queue-Aware Joint Remote Radio Head Activation and Beamforming for Green Cloud Radio Access Networks. , 2014, , .		0
257	Robust channel estimation strategy for two-way multi-antenna relay networks with asynchronous transmission. , 2014, , .		5
258	Ergodic Rate Analysis for User Access in Downlink Heterogeneous Cloud Radio Access Networks. , 2014, , .		0
259	Throughput Optimizing for Power-Splitting Based Relaying in Wireless-Powered Cooperative Networks. , 2014, , .		0
260	Secrecy-Oriented Resource Sharing for Cellular Device-to-Device Underlay. , 2014, , .		0
261	Outage performance of orthogonal space-time block code transmission in opportunistic decode-and-forward cooperative networks. Wireless Communications and Mobile Computing, 2013, 13, 700-710.	0.8	3
262	Self-configuration and self-optimization in LTE-advanced heterogeneous networks. , 2013, 51, 36-45.		170
263	A Multidimensional Resource-Allocation Optimization Algorithm for the Network-Coding-Based Multiple-Access Relay Channels in OFDM Systems. IEEE Transactions on Vehicular Technology, 2013, 62, 4069-4078.	3.9	21
264	Precoding design for denoise-and-forward network coding in MIMO two-way relay systems. , 2013, , .		1
265	Multiuser MISO beamforming and interference cancellation in two-tier femtocell networks. , 2013, , .		0
266	Stackelberg game based optimized power allocation scheme for two-tier femtocell network. , 2013, , .		9
267	Adaptive heterogeneous coordinated beamforming algorithm in LTE-advanced systems. , 2013, , .		4
268	An enhanced beamforming algorithm for three dimensional MIMO in LTE-advanced networks. , 2013, , .		14
269	Energy-efficient resource allocation in heterogeneous network with cross-tier interference constraint. , 2013, , .		22
270	Energy efficiency optimization based on interference alignment for device-to-device MIMO downlink underlying cellular network. , 2013, , .		10

#	ARTICLE	IF	CITATIONS
271	Optimal joint rate and power allocation for layered multicast with superposition coding in cellular systems. <i>Wireless Networks</i> , 2013, 19, 69-81.	2.0	5
272	Performance analysis of two-tier femtocell networks in Nakagami-m fading channels. , 2013, , .		1
273	Investigation of Interference Margin for the Co-existence of Macrocell and Femtocell in Orthogonal Frequency Division Multiple Access Systems. <i>IEEE Systems Journal</i> , 2013, 7, 59-67.	2.9	17
274	Graph theory based physical cell identity self-configuration for LTE-A network. <i>Journal of China Universities of Posts and Telecommunications</i> , 2013, 20, 101-107.	0.8	9
275	Optimal power allocation for OFDM-based two-way relaying in cognitive radio networks. , 2013, , .		6
276	A dynamic affinity propagation clustering algorithm for cell outage detection in self-healing networks. , 2013, , .		16
277	Low-Complexity Coordinated Beamforming for Downlink Multicell SDMA/OFDM Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2013, 62, 247-255.	3.9	27
278	Minimizing energy consumption based on capabilities of users for carrier aggregation in LTE-Advanced systems. , 2013, , .		0
279	Performance analysis of device-to-device underlay communication in Rician fading channels. , 2013, , .		4
280	A spectrum-efficient broadcast scheme based on network coding in cellular MIMO systems. , 2013, , .		0
281	Power allocation for cognitive D2D communication assisted by two-way relaying. , 2013, , .		10
282	Energy-efficient power allocation algorithm for heterogeneous OFDM downlink systems. , 2013, , .		1
283	Joint modulation and network coding in uplink relaying channels: A complex-valued 3-ary approach for BPSK modulation. , 2013, , .		0
284	Channel estimation for two-way relay networks with imperfect synchronization. , 2013, , .		0
285	Delay aware cell association and user scheduling in heterogeneous overlay networks. , 2013, , .		4
286	Advanced Antenna Technologies in the Beyond IMT-Advanced Systems. <i>International Journal of Antennas and Propagation</i> , 2013, 2013, 1-2.	0.7	2
287	High Energy Efficient Heterogeneous Networks: Cooperative and Cognitive Techniques. <i>International Journal of Antennas and Propagation</i> , 2013, 2013, 1-7.	0.7	7
288	Interference Coordination in Multiple Antenna Based LTE-Advanced Heterogeneous Systems. <i>International Journal of Antennas and Propagation</i> , 2013, 2013, 1-7.	0.7	2

#	ARTICLE	IF	CITATIONS
289	Resource Allocation for Vertical Sectorization in LTE-Advanced Systems. International Journal of Antennas and Propagation, 2013, 2013, 1-7.	0.7	2
290	Importance Sampling Estimation on Call Dropping Probability for a Handover Scheme Under Poisson Assumption. Information Technology Journal, 2013, 12, 3639-3644.	0.3	0
291	Advanced Self-Organizing Technologies over Distributed Wireless Networks. International Journal of Distributed Sensor Networks, 2012, 8, 821982.	1.3	6
292	Automatic Distributing Schemes of Physical Cell Identity for Self-Organizing Networks. International Journal of Distributed Sensor Networks, 2012, 8, 973713.	1.3	7
293	A resource configuration scheme in OFDMA-based cellular relay networks. , 2012, , .		3
294	Spatial modulation in two-way network coded channels: Performance and mapping optimization. , 2012, , .		24
295	A separate-SMDP approximation technique for RRM in heterogeneous wireless networks. , 2012, , .		7
296	An enhanced cell reselection mechanism and network analysis model in 3G/LTE heterogeneous system. , 2012, , .		3
297	Spectrum sharing in cognitive two-way relay networks. , 2012, , .		7
298	Adaptive heterogeneous interference coordination algorithm in uplink LTE-Advanced systems. , 2012, , .		5
299	Energy efficiency comparison between orthogonal and co-channel resource allocation schemes in distributed antenna systems. , 2012, , .		1
300	Resource allocation for OFDM multiple-access relay channels with network coding. , 2012, , .		2
301	A Network Coded Interference Coordination Scheme in Cellular Relay Systems. IEEE Communications Letters, 2012, 16, 688-690.	2.5	9
302	Improved coding-rotated-modulation orthogonal frequency division multiplexing system. IET Communications, 2012, 6, 272.	1.5	8
303	Editorial: Evolution of air-link technologies for futuristic wireless communications. IET Communications, 2012, 6, 243.	1.5	0
304	Opportunistic Decode-and-forward Cooperation in Nakagami-m Fading Channels with Relay Selection. Wireless Personal Communications, 2012, 66, 167-183.	1.8	2
305	Detection for physical-layer network coding: When perfect global CSI is not available. , 2012, , .		0
306	A gradient projection based self-optimizing algorithm for inter-cell interference coordination in downlink OFDMA networks. , 2012, , .		0

#	ARTICLE	IF	CITATIONS
307	A rank adaptive beamforming scheme for TDD LTE system with imperfect CSI. , 2012, , .		2
308	Optimal resource allocation for time sharing relaying system. , 2012, , .		0
309	Control Channel Design for Carrier Aggregation between LTE FDD and LTE TDD Systems. , 2012, , .		4
310	Multi-User Scheduling for Network Coded Two-Way Relay Channel in Cellular Systems. IEEE Transactions on Wireless Communications, 2012, 11, 2542-2551.	6.1	26
311	Optimal resource allocation for network coding in multiple two-way relay OFDM systems. , 2012, , .		8
312	A General Relaying Transmission Protocol for MIMO Secrecy Communications. IEEE Transactions on Communications, 2012, 60, 3461-3471.	4.9	66
313	A physical cell identity self-organization algorithm in LTE-advanced systems. , 2012, , .		1
314	Measurement-based optimizing algorithm for modulation and coding scheme selection in downlink LTE self-organizing networks. , 2012, , .		3
315	An adaptive energy saving mechanism in LTE-advanced relay systems. , 2012, , .		2
316	Relay self-selection for secure cooperative in Amplify-And-Forward networks. , 2012, , .		4
317	Investigation of dual-polarization antenna scheme in TD-LTE systems. , 2012, , .		6
318	On the user performance of orthogonal projection signal alignment scheme in MIMO relay systems. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	1.5	0
319	Optimized layered multicast with superposition coding in cellular systems. Wireless Communications and Mobile Computing, 2012, 12, 1147-1156.	0.8	7
320	Cooperative network coding in relay-based IMT-advanced systems. IEEE Communications Magazine, 2012, 50, 76-84.	4.9	66
321	Performance of Linear Diversity with Multiple Antenna Techniques in OFDM Systems. , 2012, , 219-277.		0
322	Network Coding Scheme Based on LDPC Product Codes in Multiple-Access Relay System. , 2011, , .		4
323	A Special Case of Multi-Way Relay Channel: When Beamforming is not Applicable. IEEE Transactions on Wireless Communications, 2011, 10, 2046-2051.	6.1	37
324	Hierarchical modulated channel and network coding scheme in the multiple-access relay system. , 2011, , .		3

#	ARTICLE	IF	CITATIONS
325	A power allocation scheme for achieving high energy efficiency in two-tier femtocell networks. , 2011, , .		7
326	Design and realization of the hierarchical broadcast system based on GNU Radio. , 2011, , .		2
327	A network coding scheme for the multiple access full-duplex relay networks. , 2011, , .		1
328	Power Provisioning and Relay Positioning for Two-Way Relay Channel With Analog Network Coding. IEEE Signal Processing Letters, 2011, 18, 517-520.	2.1	55
329	On the Design of Network Coding for Multiple Two-Way Relaying Channels. IEEE Transactions on Wireless Communications, 2011, 10, 1820-1832.	6.1	45
330	Outage performance of orthogonal space-time block codes transmission in opportunistic decode-and-forward cooperative networks with incremental relaying. IET Communications, 2011, 5, 61-70.	1.5	17
331	Performance of orthogonal and co-channel resource assignments for femto-cells in long term evolution systems. IET Communications, 2011, 5, 996-1005.	1.5	21
332	Performance of network-coding-assisted scheduling schemes and their applications in uplink time division duplexing code division multiple access systems. IET Communications, 2011, 5, 2558-2568.	1.5	0
333	Opportunistic Decode-and-Forward Cooperation in Mixed Rayleigh and Rician Fading Channels. ETRI Journal, 2011, 33, 287-290.	1.2	11
334	Performance of Dual-Polarized MIMO for TD-HSPA Evolution Systems. IEEE Systems Journal, 2011, 5, 406-416.	2.9	13
335	Hierarchical cooperative relay based heterogeneous networks. IEEE Wireless Communications, 2011, 18, 48-56.	6.6	105
336	The performance of layered broadcast with superposition coding. International Journal of Communication Systems, 2011, 24, 911-924.	1.6	5
337	A power optimization algorithm for femtocells to suppress the uplink interference in OFDMA system. , 2011, , .		1
338	Adaptive configuration of antenna down tilt for optimizing coverages in IMT-advanced systems. , 2011, , .		2
339	A nash equilibrium based fair user pairing algorithm for the cooperative network coding in multiple access relay systems. , 2011, , .		0
340	A mobility load balancing optimization method for hybrid architecture in self-organizing network. , 2011, , .		4
341	A Joint Network and Channel Coding Scheme for Cooperative Relay Networks. , 2011, , .		0
342	Handover parameter optimization in self-organizing network. , 2011, , .		1

#	ARTICLE	IF	CITATIONS
343	Limited feedback scheme based on adaptive codebook for spatially and temporally correlated MIMO channels. , 2011, , .		0
344	Performance evaluation of channel detection for the cooperative network coding in the wireless relay network. , 2011, , .		0
345	Heterogeneous cooperative relay selection with maximalâ€ratio combining for multiâ€radio access networks. International Journal of Communication Systems, 2010, 23, 732-750.	1.6	11
346	Investigation of capacity and call admission control schemes in TDâ€SCDMA uplink systems employing smart antenna techniques. Wireless Communications and Mobile Computing, 2010, 10, 241-256.	0.8	1
347	Opportunistic user cooperative relaying in TDMAâ€based wireless networks. Wireless Communications and Mobile Computing, 2010, 10, 972-985.	0.8	5
348	Multiuser Pairing-up Schemes under Power Constraints for Uplink Virtual MIMO Networks. Mobile Networks and Applications, 2010, 15, 298-309.	2.2	10
349	Performance analysis of multi-user diversity in heterogeneous cooperative communication systems. Wireless Networks, 2010, 16, 1903-1912.	2.0	3
350	Cooperative Network Coding With MIMO Transmission in Wireless Decode-and-Forward Relay Networks. IEEE Transactions on Vehicular Technology, 2010, 59, 3577-3588.	3.9	57
351	McWiLLâ€”A New Mobile Broadband Access Technology for Supporting Both Voice and Packet Services. IEEE Systems Journal, 2010, 4, 495-504.	2.9	3
352	TD-SCDMA Evolution. IEEE Vehicular Technology Magazine, 2010, 5, 28-41.	2.8	32
353	Outage probability analysis of network coded time division multiple access protocol in the relay based cellular networks. , 2010, , .		0
354	Multiuser Resource Allocation for OFDM Downlink with Terminal Bandwidth Limitation. , 2010, , .		6
355	On Performance of Cooperative Multicast System with Wireless Network Coding. , 2010, , .		1
356	Performance evaluation on coexistence of TD-SCDMA and TD-HSDPA systems. , 2010, , .		0
357	Optimal Resource Allocation and Performance Comparison of Half-Duplex Relay Strategies. , 2010, , .		0
358	On Interference Coordination for Directional Decode-And-Forward Relay in TD-LTE Systems. , 2010, , .		6
359	Outage Performance of Cooperative Protocol for Broadcast Services over Nakagami-m Fading Channel. , 2010, , .		0
360	Performance analysis for dual polarization antenna schemes in TD-HSPA+ system. , 2010, , .		1

#	ARTICLE	IF	CITATIONS
361	Performance analysis of cooperative diversity in hierarchical heterogeneous radio access networks. , 2010, , .		0
362	Performance of decode-and-forward opportunistic cooperation with theNthbest relay selected. , 2010, , .		1
363	A Software Defined Radio Scheme for the Hierarchical Modulation Based Multimedia Broadcast System Using USRP. , 2010, , .		5
364	Interference margin analysis for OFDMA cellular networks planning. , 2010, , .		2
365	Cooperative base station beamforming in WiMAX systems. IET Communications, 2010, 4, 1049.	1.5	11
366	Ergodic and Outage Capacity Analysis of Amplify-And-Forward MIMO Relay with OSTBCs. , 2010, , .		9
367	Performance of decode-and-forward opportunistic cooperation with channel estimation errors. , 2010, , .		3
368	Multi-user resource allocation for Downlink Control Channel in LTE systems. , 2010, , .		3
369	An overload indicator & high interference indicator hybrid scheme for inter-cell interference coordination in LTE system. , 2010, , .		2
370	Uplink capacity analysis of femtocell networks based on OFDM. , 2010, , .		0
371	An Adaptive Relay Selection Algorithm for Optimizing Diversity and Multiplexing Gains in Wireless Cooperative Networks. , 2010, , .		1
372	Limited feedback scheme based on zero-forcing precoding for multiuser MIMO-OFDM downlink systems. , 2010, , .		3
373	Location optimization for decode-and-forward opportunistic cooperative networks. , 2010, , .		3
374	Multiple two-way relaying channels: Precoding design and outage performance analysis. , 2010, , .		0
375	Research on key issues in future wireless network. , 2010, , .		0
376	Outage Performance of Opportunistic Decode-and-Forward Cooperation with Imperfect Channel State Information. IEICE Transactions on Communications, 2010, E93-B, 3083-3092.	0.4	4
377	Outage probability performance analysis for heterogeneous and homogeneous cooperative system over Nakagami-m model. , 2009, , .		2
378	A forwarding scheme by superposition coding for wireless relaying. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
379	Power and Location Optimization for Decode-and-Forward Opportunistic Cooperative Networks. , 2009, , .		3
380	A novel data stream selection algorithm for S-PARC in TD-SCDMA HSPA+system. , 2009, , .		0
381	Outage Probability Analysis of Linear Block Network Coding (LBNC) in Wireless Relay Networks. , 2009, , .		1
382	On Performance of Multi-Timeslots Network Coding (MTNC) in Wireless Relay Networks. , 2009, , .		2
383	A novel Virtual Hybrid ARQ mechanism for multi-cell MBMS transmission in wireless network. , 2009, , .		1
384	The performance analysis of multi-hop based broadcasting. , 2009, , .		0
385	System-level evaluation of MIMO performance in TD-HSPA+ system. , 2009, , .		0
386	Truncated ARQ based MRC over OSTBC cooperative communication for energy constrained wireless networks. , 2009, , .		0
387	Performance analysis of a random ARQ initialized cooperative communication protocol in shadowed Nakagami-m wireless channel. Science in China Series F: Information Sciences, 2009, 52, 1027-1036.	1.1	1
388	Performance evaluation of channel inversion precoding for downlink multi-user MIMO system. Journal of China Universities of Posts and Telecommunications, 2009, 16, 20-24.	0.8	1
389	Lifetime maximization of cooperative networks with mean channel gain information. Journal of China Universities of Posts and Telecommunications, 2009, 16, 98-103.	0.8	1
390	Capacity of FH wireless multi-hop networks. Journal of China Universities of Posts and Telecommunications, 2009, 16, 78-83.	0.8	2
391	Joint rate and cooperative MIMO scheme optimization for uniform energy distribution in Wireless Sensor Networks. Computer Communications, 2009, 32, 1072-1078.	3.1	12
392	Monte Carlo Simulation with Error Classification for QAM Modulation under Rayleigh Fading Channel. , 2009, , .		4
393	Participatory transportation equity mapping. , 2009, , .		1
394	A Cross-layer Relay Selection Algorithm for Infrastructure-Based Two-hop Relay Networks. , 2009, , .		5
395	Capacity Performance of Amplify-and-Forward MIMO Relay with Transmit Antenna Selection and Maximal-Ratio Combining. , 2009, , .		18
396	Subcarrier pairing for amplify-and-forward and decode-and-forward OFDM relay links. IEEE Communications Letters, 2009, 13, 209-211.	2.5	133

#	ARTICLE	IF	CITATIONS
397	Technologies and standards for TD-SCDMA evolutions to IMT-advanced. , 2009, 47, 50-58.		93
398	On the application of network coding with diversity to opportunistic scheduling. , 2009, , .		0
399	A Unified Architecture and Key Techniques for Interworking between WiMAX and Beyond 3G/4G Systems. Wireless Personal Communications, 2008, 45, 67-90.	1.8	7
400	A novel adaptive modulation and coding strategy based on partial feedback for enhanced MBMS network. Journal of China Universities of Posts and Telecommunications, 2008, 15, 48-54.	0.8	4
401	Partner selection strategies in cooperative wireless networks with optimal power distribution. Journal of China Universities of Posts and Telecommunications, 2008, 15, 47-58.	0.8	5
402	A utility-based capacity optimization framework for achieving cooperative diversity in the hierarchical converged heterogeneous wireless networks. International Journal of Communication Systems, 2008, 21, 1285-1306.	1.6	6
403	Analysis of Novel User Detection Scheme Based on Polling for E-MBMS Networks. , 2008, , .		3
404	Power Allocation and Subcarrier Pairing in OFDM-Based Relaying Networks. , 2008, , .		93
405	Uniform Energy Consumption through Adaptive Optimal Selection of Cooperative MIMO Schemes in Wireless Sensor Networks. IEEE Vehicular Technology Conference, 2008, , .	0.2	7
406	A new parity-check stopping criterion for turbo decoding. IEEE Communications Letters, 2008, 12, 304-306.	2.5	12
407	Efficient Difference-based Decoding Implementations of LDPC Codes. IEEE Communications Letters, 2008, 12, 383-385.	2.5	2
408	Cognitive spectrum access with joint opportunistic power and rate control in fading channels. , 2008, , .		4
409	Combined Proportional Fair and Maximum Rate Scheduling for Virtual MIMO. , 2008, , .		11
410	A power allocation method with maximum Effective Configuration Duration in wireless sensor networks. , 2008, , .		1
411	Robust Linear Processing for Downlink Multiuser MIMO System with Imperfectly Known Channel. , 2008, , .		3
412	Evaluating of Capacities in TD-SCDMA Systems When Employing Smart Antenna and Multi-User Detection Techniques. , 2008, , .		4
413	An Adaptive Energy Saving Mechanism in the Wireless Packet Access Network. , 2008, , .		15
414	Fractional Frequency Reuse in mobile WiMAX. , 2008, , .		6

#	ARTICLE	IF	CITATIONS
415	Network coding in cooperative relay networks. , 2008, , .		6
416	Space-Time Codes Versus Random Beamforming in Cooperative Multi-Hop Wireless Networks. , 2008, , .		0
417	Joint optimisation for power control, scheduling and routing algorithms in the infrastructure wireless mesh network. International Journal of Ad Hoc and Ubiquitous Computing, 2008, 3, 122.	0.3	4
418	Optimum Transmit Power for Maximal Connectivity and Increased Network Lifetime in WSNs. , 2007, , .		5
419	Node Selection in Relay-based Cellular Networks. , 2007, , .		1
420	Advanced Scheduling Algorithms for Supporting Diverse Quality of Services in IEEE 802.16 Wireless Metropolitan Area Networks. , 2007, , .		0
421	Optimal Deployment of Relay Stations in Fixed Relay Network Employing Spatial Reuse. , 2007, , .		1
422	Frequency Allocation in Two-Hop Cellular Relaying Networks. , 2007, , .		6
423	Minimization of BER and Interference Power through Optimal Deployment of WSNs. , 2007, , .		0
424	Performance Evaluation of the Cooperative Multimedia Broadcast Network. , 2007, , .		2
425	Uniform Energy Consumption through Adaptive Rate Communications in Cooperative MIMO based Wireless Sensor Networks. , 2007, , .		0
426	Cross-layer design for tree-type routing and level-based centralised scheduling in IEEE 802.16 based wireless mesh networks. IET Communications, 2007, 1, 999.	1.5	11
427	Channel Aware Adaptive Resource Allocation in Two-Hop Wireless Relay Networks. , 2007, , .		8
428	Optimal Number of Energy Efficient Cooperative Nodes Selection in Wireless Sensor Networks- In Ricean Fading Environment. , 2007, , .		1
429	Capacity Analysis for Cooperative Two-Relay Channel. , 2007, , .		1
430	Efficient delay based scheduling with fairness in multi-hop wireless mesh networks. Journal of China Universities of Posts and Telecommunications, 2007, 14, 82-87.	0.8	0
431	Distributed scheduling based on polling policy with maximal spatial reuse in multi-hop WMNs. Journal of China Universities of Posts and Telecommunications, 2007, 14, 22-27.	0.8	8
432	Key techniques and radio network planning in TD-SCDMA systems. International Journal of Mobile Network Design and Innovation, 2006, 1, 258.	0.1	0

#	ARTICLE	IF	CITATIONS
433	Dynamic Resource Allocation with Guaranteed Diverse QoS for WiMAX System. , 2006, , .		5
434	Centralized Spatial Reuse Designing for Fixed Multihop Relay Wireless Access Networks. , 2006, , .		0
435	Performance of Wireless Mesh Networks with Centralized Multihop Scheduling for Intelligent Transportation Systems. , 2006, , .		0
436	Adaptive Traffic Multiplexing for MBMS in the UMTS System Based on the Scalable Coding. , 2006, , .		2
437	A framework for investigating radio resource management algorithms in TD-SCDMA systems. , 2005, 43, S12-S18.		23
438	Investigation of uplink admission control schemes for TDD-CDMA systems. , 2004, , .		0
439	An analysis of resource allocation and management in TDD-CDMA systems employing smart antennas. , 2004, , .		0
440	Handover performance analysis in TDD-CDMA cellular network. , 0, , .		4
441	A novel dynamic channel allocation scheme to support asymmetrical services in TDD-CDMA systems. , 0, , .		14
442	On the capacity of a cellular TDD-CDMA system employing frequency channel assignment schemes. , 0, , .		1
443	Novel approaches for downlink performance analysis in CDMA networks. , 0, , .		6
444	Investigation of hybrid ARQ performance for TDD CDMA HSDPA. , 0, , .		5
445	Advanced HARQ and scheduler schemes in TDD-CDMA HSDPA systems. , 0, , .		5
446	Investigation of TDD and FDD CDMA coexistence in the macro environment employing smart antenna techniques. , 0, , .		1
447	Investigation of uplink capacity based on the background noise floor in TDD-CDMA systems. , 0, , .		1
448	TDD-CDMA uplink capacity investigation in the background noise floor. , 0, , .		5
449	Joint an advanced proportionally fair scheduling and rate adaptation for multi-services in TDD-CDMA systems. , 0, , .		2
450	Comparison of Capacity between Adaptive Tracking and Switched Beam Smart Antenna Techniques in TDD-CDMA Systems. , 0, , .		12

#	ARTICLE	IF	CITATIONS
451	Massive MIMO in C-RANs. , 0, , 117-148.		0
452	Mobility Management for C-RANs. , 0, , 397-406.		0
453	Training Design and Channel Estimation in C-RANs. , 0, , 82-116.		0
454	Large-Scale Convex Optimization for C-RANs. , 0, , 149-178.		0
455	Adaptive Compression in C-RANs. , 0, , 200-224.		0
456	Resource Management of Heterogeneous C-RANs. , 0, , 227-254.		0
457	Delay-Aware Radio Resource Allocation Optimization in Heterogeneous C-RANs. , 0, , 282-313.		0
458	C-RAN Using Wireless Fronthaul: Fast Admission Control and Large System Analysis. , 0, , 314-346.		0
459	Optimal Repeated Spectrum Sharing by Delay-Sensitive Users. , 0, , 377-394.		0
460	Caching in C-RAN. , 0, , 407-430.		0
461	Game Theory-Based Radio Resource Optimization in Heterogeneous Small Cell Networks (HSCNs). Advances in Wireless Technologies and Telecommunication Book Series, 0, , 137-183.	0.3	1