

Sheng Zhou

List of Publications by Year in Descending Order

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Version: 2024-04-27

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

193
papers

4,136
citations

38
h-index

56
g-index

229
ext. papers

5,225
ext. citations

6.7
avg, IF

6.29
L-index

#	Paper	IF	Citations
193	A Predictive Frame Transmission Scheme for Cloud Gaming in Mobile Edge Cloudlet Systems. <i>IEEE Transactions on Mobile Computing</i> , 2022 , 1-1	4.6	
192	Dynamic Scheduling for Over-the-Air Federated Edge Learning With Energy Constraints. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 40, 227-242	14.2	4
191	Coverage analyses on directional transmissions ultra-dense networks with imperfect beam alignment. <i>China Communications</i> , 2022 , 19, 318-328	3	
190	Greening 6G 2021 , 39-53		1
189	. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 2136-2149	9.6	
188	Age-Optimal Scheduling for Heterogeneous Traffic With Timely Throughput Constraints. <i>IEEE Journal on Selected Areas in Communications</i> , 2021 , 39, 1485-1498	14.2	3
187	Distributed Task Replication for Vehicular Edge Computing: Performance Analysis and Learning-Based Algorithm. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 1138-1151	9.6	13
186	Joint Device Scheduling and Resource Allocation for Latency Constrained Wireless Federated Learning. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 453-467	9.6	60
185	Coded Computation Over Heterogeneous Workers With Random Task Arrivals. <i>IEEE Communications Letters</i> , 2021 , 25, 2338-2342	3.8	0
184	AoI-Delay Tradeoff in Mobile Edge Caching With Freshness-Aware Content Refreshing. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 5329-5342	9.6	2
183	SMART: Situationally-Aware Multi-Agent Reinforcement Learning-Based Transmissions. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 1-1	6.6	1
182	1 A Deep Reinforcement Learning Framework to Combat Dynamic Blockage in mmWave V2X Networks 2020 ,		3
181	Beyond Age: Urgency of Information for Timeliness Guarantee in Status Update Systems 2020 ,		3
180	AI-Assisted Low Information Latency Wireless Networking. <i>IEEE Wireless Communications</i> , 2020 , 27, 108-114	13.5	23
179	Latency Guaranteed Edge Inference via Dynamic Compression Ratio Selection 2020 ,		1
178	Dynamic Compression Ratio Selection for Edge Inference Systems With Hard Deadlines. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 8800-8810	10.7	5
177	SENATE: A Permissionless Byzantine Consensus Protocol in Wireless Networks for Real-Time Internet-of-Things Applications. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6576-6588	10.7	4

176	Fractional Dynamic Caching: A Collaborative Design of Storage and Backhaul. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4194-4206	6.8	2
175	Flexible Functional Split and Power Control for Energy Harvesting Cloud Radio Access Networks. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1535-1548	9.6	5
174	. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 573-588	4.8	18
173	SFC-Based Service Provisioning for Reconfigurable Space-Air-Ground Integrated Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2020 , 38, 1478-1489	14.2	29
172	Edge Learning with Timeliness Constraints: Challenges and Solutions. <i>IEEE Communications Magazine</i> , 2020 , 58, 27-33	9.1	8
171	Cluster-Based Cooperative Digital Over-the-Air Aggregation for Wireless Federated Edge Learning 2020 ,		3
170	Energy-Efficient Massive MIMO With Decentralized Precoder Design. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 15370-15384	6.8	2
169	On the Coverage and Capacity of Ultra-Dense Networks With Directional Transmissions. <i>IEEE Wireless Communications Letters</i> , 2020 , 9, 271-275	5.9	2
168	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1025-1037	9.6	13
167	Channel Fingerprint Based Beam Tracking for Millimeter Wave Communications. <i>IEEE Communications Letters</i> , 2020 , 24, 639-643	3.8	2
166	Deep LearningBased Coverage and Capacity Optimization 2020 , 63-83		1
165	. <i>IEEE Journal of Solid-State Circuits</i> , 2020 , 55, 505-519	5.5	5
164	Device Scheduling with Fast Convergence for Wireless Federated Learning 2020 ,		41
163	Adaptive Transmission for Edge Learning via Training Loss Estimation 2020 ,		1
162	Closed-Form Whittle Index-Enabled Random Access for Timely Status Update. <i>IEEE Transactions on Communications</i> , 2020 , 68, 1538-1551	6.9	29
161	Energy-Aware Analog Aggregation for Federated Learning with Redundant Data 2020 ,		31
160	Urgency of Information for Context-Aware Timely Status Updates in Remote Control Systems. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 7237-7250	9.6	7
159	Distributed Policy Learning Based Random Access for Diversified QoS Requirements 2019 ,		7

158	Scalable Multi-Agent Learning for Situationally-Aware Multiple-Access and Grant-Free Transmissions 2019 ,		5
157	Adaptive Learning-Based Task Offloading for Vehicular Edge Computing Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 3061-3074	6.8	119
156	Only Those Requested Count: Proactive Scheduling Policies for Minimizing Effective Age-of-Information 2019 ,		20
155	Learning-Based Remote Channel Inference: Feasibility Analysis and Case Study. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 3554-3568	9.6	8
154	Exploiting Moving Intelligence: Delay-Optimized Computation Offloading in Vehicular Fog Networks. <i>IEEE Communications Magazine</i> , 2019 , 57, 49-55	9.1	38
153	Bidirectional Mission Offloading for Agile Space-Air-Ground Integrated Networks. <i>IEEE Wireless Communications</i> , 2019 , 26, 38-45	13.4	43
152	Intermittent CSI Update for Massive MIMO Systems With Heterogeneous User Mobility. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4811-4824	6.9	7
151	Exploiting Wireless Channel State Information Structures Beyond Linear Correlations: A Deep Learning Approach. <i>IEEE Communications Magazine</i> , 2019 , 57, 28-34	9.1	24
150	Joint Optimization of Scheduling and Power Control in Wireless Networks: Multi-Dimensional Modeling and Decomposition. <i>IEEE Transactions on Mobile Computing</i> , 2019 , 18, 1585-1600	4.6	9
149	A Unified Sampling and Scheduling Approach for Status Update in Multiaccess Wireless Networks 2019 ,		28
148	Closed-Form Analysis of Non-Linear Age of Information in Status Updates With an Energy Harvesting Transmitter. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 4129-4142	9.6	45
147	Status from a Random Field: How Densely Should One Update? 2019 ,		8
146	Optimizing Information Freshness in Broadcast Network with Unreliable Links and Random Arrivals: An Approximate Index Policy 2019 ,		9
145	Context-Aware Information Lapse for Timely Status Updates in Remote Control Systems 2019 ,		5
144	Heterogeneous Coded Computation across Heterogeneous Workers 2019 ,		8
143	Age of Information and Delay Tradeoff with Freshness-Aware Mobile Edge Cache Update 2019 ,		3
142	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 3885-3898	10.7	46
141	Security Analysis of Mobile Device-to-Device Network Applications. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 2922-2932	10.7	10

140	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 2190-2204	9.6	23
139	On the Time Scales of Energy Arrival and Channel Fading in Energy Harvesting Communications. <i>IEEE Transactions on Green Communications and Networking</i> , 2018 , 2, 482-492	4	11
138	. <i>IEEE Wireless Communications</i> , 2018 , 25, 186-192	13.4	22
137	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 1717-1730	3.9	23
136	Algorithm and Architecture of a Low-Complexity and High-Parallelism Preprocessing-Based K-Best Detector for Large-Scale MIMO Systems. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 1860-1875	4.8	21
135	Task Replication for Deadline-Constrained Vehicular Cloud Computing: Optimal Policy, Performance Analysis, and Implications on Road Traffic. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 93-107	10.7	45
134	Towards Service-Oriented 5G: Virtualizing the Networks for Everything-as-a-Service. <i>IEEE Access</i> , 2018 , 6, 1480-1489	3.5	16
133	Optimal Discrete Spatial Compression for BeamSpace Massive MIMO Signals. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 2480-2493	4.8	4
132	Computation Peer Offloading for Energy-Constrained Mobile Edge Computing in Small-Cell Networks. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 1619-1632	3.8	170
131	Flexible Functional Split in C-RAN with Renewable Energy Powered Remote Radio Units 2018 ,		6
130	Learning-Based Task Offloading for Vehicular Cloud Computing Systems 2018 ,		55
129	DeepNap: Data-Driven Base Station Sleeping Operations Through Deep Reinforcement Learning. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 4273-4282	10.7	38
128	Task Replication for Vehicular Edge Computing: A Combinatorial Multi-Armed Bandit Based Approach 2018 ,		26
127	Learning Based Security for VANET with Blockchain 2018 ,		15
126	TIME-SEQUENCE CHANNEL INFERENCE FOR BEAM ALIGNMENT IN VEHICULAR NETWORKS 2018 ,		5
125	Improved Scaling Law for Status Update Timeliness in Massive IoT by Elastic Spatial Multiplexing 2018 ,		4
124	2018 ,		9
123	Can Decentralized Status Update Achieve Universally Near-Optimal Age-of-Information in Wireless Multiaccess Channels? 2018 ,		50

122	A Two-Step Learning and Interpolation Method for Location-Based Channel Database Construction 2018,		6
121	Joint Optimization of Cache Allocation and Content Placement in Urban Vehicular Networks 2018,		3
120	Mode Selection in UAV-aided Vehicular Network: an Evolutionary Game Approach 2018,		2
119	Power Allocation for Point-to-Point Energy Harvesting Channels 2018, 5-73		
118	Cross-Layer Design for Energy Harvesting Links 2018, 127-165		
117	Energy Harvesting in Next-Generation Cellular Networks 2018, 239-286		
116	Data-Driven User Complaint Prediction for Mobile Access Networks. <i>Journal of Communications and Information Networks</i> , 2018, 3, 9-19		0
115	Energy-Efficient UAV Deployment with Flexible Functional Split Selection 2018,		6
114	Optimal Sleeping Mechanism for Multiple Servers With MMPP-Based Bursty Traffic Arrival. <i>IEEE Wireless Communications Letters</i> , 2018, 7, 436-439	5.9	5
113	On the Fronthaul Statistical Multiplexing Gain. <i>IEEE Communications Letters</i> , 2017, 21, 1099-1102	3.8	14
112	Energy Management for Energy Internet: A Combination of Game Theory and Big Data-Based Renewable Power Forecasting 2017,		2
111	Robust Energy Scheduling in Vehicle-to-Grid Networks. <i>IEEE Network</i> , 2017, 31, 30-37	11.4	36
110	Pilot-Data Superposition for Beam-Based FDD Massive MIMO Downlinks. <i>IEEE Communications Letters</i> , 2017, 21, 1357-1360	3.8	6
109	EMM: Energy-Aware Mobility Management for Mobile Edge Computing in Ultra Dense Networks. <i>IEEE Journal on Selected Areas in Communications</i> , 2017, 35, 2637-2646	14.2	233
108	Proactive Content Push in Heterogeneous Networks with Multiple Energy Harvesting Small Cells 2017,		1
107	Computation Peer Offloading in Mobile Edge Computing with Energy Budgets 2017,		17
106	Tasks scheduling and resource allocation in heterogeneous cloud for delay-bounded mobile edge computing 2017,		62
105	Deep learning based optimization in wireless network 2017,		28

104	Antenna-beam spatial transformation in c-RAN with large antenna arrays 2017 ,		4
103	Mobility-aware coded-caching scheme for small cell network 2017 ,		6
102	Energy efficient mobile edge computing in dense cellular networks 2017 ,		37
101	Impact of mobile instant messaging applications on signaling load and UE energy consumption. <i>Wireless Networks</i> , 2017 , 23, 1645-1654	2.5	2
100	Policy Optimization for Content Push via Energy Harvesting Small Cells in Heterogeneous Networks. <i>IEEE Transactions on Wireless Communications</i> , 2017 , 16, 717-729	9.6	28
99	E2M2: Energy efficient mobility management in dense small cells with mobile edge computing 2017 ,		9
98	Energy-Sustainable Traffic Steering for 5G Mobile Networks 2017 , 55, 54-60		22
97	Analysis and optimization of wireless transmissions over fast fading channels with slow time-varying energy arrival 2017 ,		3
96	How Often Should CSI Be Updated for Massive MIMO Systems with Massive Connectivity? 2017 ,		4
95	A block coordinated update method for beam-based massive MIMO downlink scheduling based on statistical CSI 2017 ,		2
94	Remote Channel Inference for Beamforming in Ultra-Dense Hyper-Cellular Network 2017 ,		5
93	Networked MIMO With Fractional Joint Transmission in Energy Harvesting Systems. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3323-3336	6.9	12
92	Simultaneous Information and Energy Flow for IoT Relay Systems with Crowd Harvesting 2016 , 54, 143-149		48
91	Pricing policy and computational resource provisioning for delay-aware mobile edge computing 2016 ,		22
90	Statistical Multiplexing Gain Analysis of Heterogeneous Virtual Base Station Pools in Cloud Radio Access Networks. <i>IEEE Transactions on Wireless Communications</i> , 2016 , 15, 5681-5694	9.6	34
89	Wireless Traffic Steering For Green Cellular Networks 2016 ,		1
88	. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 1116-1129	14.2	123
87	Software-defined hyper-cellular architecture for green and elastic wireless access 2016 , 54, 12-19		42

86	Delay-Constrained Energy-Optimal Base Station Sleeping Control. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 1073-1085	14.2	54
85	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 3657-3675	6.8	53
84	Dynamic Network Planning with Intra-Tier Traffic Steering 2016 , 35-55		
83	Literature Review on Green Communications 2016 , 19-33		
82	Inter-Tier Traffic Steering with Renewable Energy Harvesting 2016 , 91-125		
81	Dynamic Network Planning with Inter-Tier Traffic Steering 2016 , 57-90		
80	Scalable Non-Orthogonal Pilot Design for Massive MIMO Systems with Massive Connectivity 2016 ,		8
79	On the online minimization of completion time in an energy harvesting system 2016 ,		4
78	Joint optimization of content caching and push in renewable energy powered small cells 2016 ,		7
77	Outage Minimization for a Fading Wireless Link With Energy Harvesting Transmitter and Receiver. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 496-511	14.2	45
76	. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 641-650	14.2	47
75	Optimal power allocation on discrete energy harvesting model. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015 , 2015,	3.2	14
74	Game-theoretical energy management design for smart cyber-physical power systems. <i>Cyber-Physical Systems</i> , 2015 , 1, 24-45	1.1	14
73	GreenDelivery: proactive content caching and push with energy-harvesting-based small cells 2015 , 53, 142-149		91
72	Redesigning fronthaul for next-generation networks: beyond baseband samples and point-to-point links. <i>IEEE Wireless Communications</i> , 2015 , 22, 90-97	13.4	28
71	HyCell: Enabling GREEN base station operations in software-defined radio access networks 2015 ,		1
70	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5440-5453	9.6	59
69	Energy-efficient task offloading for multiuser mobile cloud computing 2015 ,		17

68	Seeing the Unobservable: Channel Learning for Wireless Communication Networks 2015 ,		15
67	Proactive push with energy harvesting based small cells in heterogeneous networks 2015 ,		9
66	Topic model based behaviour modeling and clustering analysis for wireless network users 2015 ,		4
65	A block regression model for short-term mobile traffic forecasting 2015 ,		11
64	Optimal Recursive Power Allocation for Energy Harvesting System With Multiple Antennas. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 4525-4536	6.8	6
63	A Cooperative Scheduling Scheme of Local Cloud and Internet Cloud for Delay-Aware Mobile Cloud Computing 2015 ,		70
62	On the Spatial Distribution of Base Stations and Its Relation to the Traffic Density in Cellular Networks. <i>IEEE Access</i> , 2015 , 3, 998-1010	3.5	38
61	An energy-efficient system signaling control method based on mobile application traffic 2015 ,		1
60	Bayesian mechanism based inter-operator base station sharing for energy saving 2015 ,		7
59	Graph-based framework for flexible baseband function splitting and placement in C-RAN 2015 ,		38
58	Optimal Green Energy Utilization in MIMO Systems With Hybrid Energy Supplies. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 3675-3688	6.8	19
57	Spatial modeling of the traffic density in cellular networks. <i>IEEE Wireless Communications</i> , 2014 , 21, 80-88	3.4	121
56	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 1232-1241	6.8	42
55	Power control policies for a wireless link with energy harvesting transmitter and receiver 2014 ,		5
54	Seeing the Unobservable: Channel Learning for Wireless Communication Networks 2014 ,		2
53	CONCERT: a cloud-based architecture for next-generation cellular systems. <i>IEEE Wireless Communications</i> , 2014 , 21, 14-22	13.4	60
52	Energy-delay tradeoffs of virtual base stations with a computational-resource-aware energy consumption model 2014 ,		26
51	On the statistical multiplexing gain of virtual base station pools 2014 ,		21

50	Energy-efficiency and spectrum-efficiency tradeoff in coordinated small-cell networks 2014 ,		1
49	Energy-efficient antenna selection and power allocation for large-scale multiple antenna systems with hybrid energy supply 2014 ,		14
48	Traffic aware offloading for BS sleeping in heterogeneous networks 2014 ,		2
47	Optimal Antenna Cluster Size in Cell-Free Distributed Large-Scale Antenna Systems with Imperfect CSI and Inter-Cluster Interference. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 1-1	6.8	4
46	Base Station Sleeping and Resource Allocation in Renewable Energy Powered Cellular Networks. <i>IEEE Transactions on Communications</i> , 2014 , 62, 3801-3813	6.9	108
45	Dynamic Channel Acquisition in MU-MIMO. <i>IEEE Transactions on Communications</i> , 2014 , 62, 4336-4348	6.9	4
44	Solar radiation prediction and energy allocation for energy harvesting base stations 2014 ,		14
43	A practical channel allocation scheme based on the weighted conflict graph in heterogeneous networks 2014 ,		1
42	2014 ,		16
41	Traffic-Aware Network Planning and Green Operation with BS Sleeping and Cell Zooming. <i>IEICE Transactions on Communications</i> , 2014 , E97.B, 2337-2346	0.5	7
40	RRM in Wireless Communications with Energy Harvest Technology. <i>SpringerBriefs in Computer Science</i> , 2014 , 63-74	0.4	
39	Geometric Water-Filling in RRM. <i>SpringerBriefs in Computer Science</i> , 2014 , 5-14	0.4	
38	On precoding for overlapped clustering in a measured urban macrocellular environment. <i>Science China Information Sciences</i> , 2013 , 56, 1-10	3.4	2
37	Improving the Energy Efficiency of Two-Tier Heterogeneous Cellular Networks through Partial Spectrum Reuse. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4129-4141	9.6	47
36	Energy-Aware Resource Allocation for Energy Harvesting Wireless Communication Systems 2013 ,		13
35	Optimal wake-up mechanism for single base station with sleep mode 2013 ,		16
34	Optimal Combination of Base Station Densities for Energy-Efficient Two-Tier Heterogeneous Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4350-4362	9.6	101
33	Spatial-Temporal Water-Filling power allocation in MIMO systems with harvested energy 2013 ,		4

32	. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2327-2338	6.8	23
31	Software defined radio implementation of signaling splitting in hyper-cellular network 2013 ,		6
30	Recursive Geometric Water-filling for wireless links with hybrid energy systems 2013 ,		3
29	. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 3637-3647	9.6	99
28	An energy-efficient user scheduling scheme for multiuser MIMO systems with RF chain sleeping 2013 ,		7
27	Optimal Power Allocation for Energy Harvesting and Power Grid Coexisting Wireless Communication Systems. <i>IEEE Transactions on Communications</i> , 2013 , 61, 3040-3049	6.9	70
26	Traffic-Aware Base Station Sleeping Control and Power Matching for Energy-Delay Tradeoffs in Green Cellular Networks. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 4196-4209	9.6	95
25	CHORUS: a framework for scalable collaboration in heterogeneous networks with cognitive synergy. <i>IEEE Wireless Communications</i> , 2013 , 20, 133-139	13.4	11
24	Sleep control for base stations powered by heterogeneous energy sources 2013 ,		22
23	A Novel Precoding Scheme for Dynamic Base Station Cooperation with Overlapped Clusters. <i>IEICE Transactions on Communications</i> , 2013 , E96.B, 656-659	0.5	7
22	A Leakage-Aware CS/CB Scheme for Heterogeneous CoMP Networks with Layered Limited Feedback. <i>IEICE Transactions on Communications</i> , 2013 , E96.B, 363-366	0.5	4
21	An energy-efficient client pre-caching scheme with wireless multicast for video-on-demand services 2012 ,		17
20	2012 ,		10
19	Energy-efficient multicast with deadlines in wireless networks via lazy rate scheduling 2012 ,		2
18	Improving network throughput in 60GHz WLANs via multi-AP diversity 2012 ,		18
17	Energy-Aware Network Planning for Wireless Cellular System with Inter-Cell Cooperation. <i>IEEE Transactions on Wireless Communications</i> , 2012 , 11, 1412-1423	9.6	39
16	Optimal base station density for energy-efficient heterogeneous cellular networks 2012 ,		53
15	?????????????????????????????????. <i>Scientia Sinica Informationis</i> , 2012 , 42, 1191-1203	2.3	15

14	A Dynamic Programming Approach for Base Station Sleeping in Cellular Networks. <i>IEICE Transactions on Communications</i> , 2012 , E95-B, 551-562	0.5	19
13	Distributed Adaptation of Quantized Feedback for Downlink Network MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 61-67	9.6	19
12	Multi-Hop Relay Network for Base Station Energy Saving and Its Performance Evaluation 2011 ,		1
11	Queuing on Energy-Efficient Wireless Transmissions with Adaptive Modulation and Coding 2011 ,		6
10	Joint Scheduling and Dynamic Clustering in Downlink Cellular Networks 2011 ,		3
9	On Optimal Relay Placement and Sleep Control to Improve Energy Efficiency in Cellular Networks 2011 ,		26
8	Energy Saving Performance Comparison of Coordinated Multi-Point Transmission and Wireless Relaying 2010 ,		47
7	Traffic-aware base station sleeping in dense cellular networks 2010 ,		35
6	A Decentralized Clustering Scheme for Dynamic Downlink Base Station Cooperation. <i>IEICE Transactions on Communications</i> , 2010 , E93-B, 3656-3659	0.5	3
5	Distributed Medium Access Control with SDMA Support for WLANs. <i>IEICE Transactions on Communications</i> , 2010 , E93-B, 961-970	0.5	8
4	A Decentralized Framework for Dynamic Downlink Base Station Cooperation 2009 ,		23
3	Interference-aware relay selection for multiple source-destination cooperative networks 2009 ,		7
2	An Uplink Medium Access Protocol with SDMA Support for Multiple-Antenna WLANs 2008 ,		7
1	Energy-Efficient Operation and Management for Mobile Networks 135-178		