

Sheng Zhou

List of Publications by Citations

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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	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
192	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
191	. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 1116-1129	14.2	123
190	Spatial modeling of the traffic density in cellular networks. <i>IEEE Wireless Communications</i> , 2014 , 21, 80-88	3.4	121
189	Adaptive Learning-Based Task Offloading for Vehicular Edge Computing Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2019 , 68, 3061-3074	6.8	119
188	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
187	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
186	. <i>IEEE Transactions on Wireless Communications</i> , 2013 , 12, 3637-3647	9.6	99
185	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
184	GreenDelivery: proactive content caching and push with energy-harvesting-based small cells 2015 , 53, 142-149		91
183	A Cooperative Scheduling Scheme of Local Cloud and Internet Cloud for Delay-Aware Mobile Cloud Computing 2015 ,		70
182	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
181	Tasks scheduling and resource allocation in heterogeneous cloud for delay-bounded mobile edge computing 2017 ,		62
180	CONCERT: a cloud-based architecture for next-generation cellular systems. <i>IEEE Wireless Communications</i> , 2014 , 21, 14-22	13.4	60
179	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
178	. <i>IEEE Transactions on Wireless Communications</i> , 2015 , 14, 5440-5453	9.6	59
177	Learning-Based Task Offloading for Vehicular Cloud Computing Systems 2018 ,		55

176	Delay-Constrained Energy-Optimal Base Station Sleeping Control. <i>IEEE Journal on Selected Areas in Communications</i> , 2016 , 34, 1073-1085	14.2	54
175	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 3657-3675	6.8	53
174	Optimal base station density for energy-efficient heterogeneous cellular networks 2012 ,		53
173	Can Decentralized Status Update Achieve Universally Near-Optimal Age-of-Information in Wireless Multiaccess Channels? 2018 ,		50
172	Simultaneous Information and Energy Flow for IoT Relay Systems with Crowd Harvesting 2016 , 54, 143-149		48
171	. <i>IEEE Journal on Selected Areas in Communications</i> , 2015 , 33, 641-650	14.2	47
170	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
169	Energy Saving Performance Comparison of Coordinated Multi-Point Transmission and Wireless Relaying 2010 ,		47
168	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 3885-3898	10.7	46
167	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
166	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
165	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
164	Bidirectional Mission Offloading for Agile Space-Air-Ground Integrated Networks. <i>IEEE Wireless Communications</i> , 2019 , 26, 38-45	13.4	43
163	Software-defined hyper-cellular architecture for green and elastic wireless access 2016 , 54, 12-19		42
162	. <i>IEEE Transactions on Vehicular Technology</i> , 2014 , 63, 1232-1241	6.8	42
161	Device Scheduling with Fast Convergence for Wireless Federated Learning 2020 ,		41
160	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
159	Exploiting Moving Intelligence: Delay-Optimized Computation Offloading in Vehicular Fog Networks. <i>IEEE Communications Magazine</i> , 2019 , 57, 49-55	9.1	38

158	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
157	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
156	Graph-based framework for flexible baseband function splitting and placement in C-RAN 2015 ,		38
155	Energy efficient mobile edge computing in dense cellular networks 2017 ,		37
154	Robust Energy Scheduling in Vehicle-to-Grid Networks. <i>IEEE Network</i> , 2017 , 31, 30-37	11.4	36
153	Traffic-aware base station sleeping in dense cellular networks 2010 ,		35
152	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
151	Energy-Aware Analog Aggregation for Federated Learning with Redundant Data 2020 ,		31
150	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
149	Closed-Form Whittle Index-Enabled Random Access for Timely Status Update. <i>IEEE Transactions on Communications</i> , 2020 , 68, 1538-1551	6.9	29
148	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
147	A Unified Sampling and Scheduling Approach for Status Update in Multiaccess Wireless Networks 2019 ,		28
146	Deep learning based optimization in wireless network 2017 ,		28
145	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
144	Energy-delay tradeoffs of virtual base stations with a computational-resource-aware energy consumption model 2014 ,		26
143	On Optimal Relay Placement and Sleep Control to Improve Energy Efficiency in Cellular Networks 2011 ,		26
142	Task Replication for Vehicular Edge Computing: A Combinatorial Multi-Armed Bandit Based Approach 2018 ,		26
141	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

140	AI-Assisted Low Information Latency Wireless Networking. <i>IEEE Wireless Communications</i> , 2020 , 27, 108-115	11.5	23
139	. <i>IEEE Transactions on Wireless Communications</i> , 2018 , 17, 2190-2204	9.6	23
138	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 1717-1730	3.9	23
137	. <i>IEEE Transactions on Vehicular Technology</i> , 2013 , 62, 2327-2338	6.8	23
136	A Decentralized Framework for Dynamic Downlink Base Station Cooperation 2009 ,		23
135	. <i>IEEE Wireless Communications</i> , 2018 , 25, 186-192	13.4	22
134	Pricing policy and computational resource provisioning for delay-aware mobile edge computing 2016 ,		22
133	Energy-Sustainable Traffic Steering for 5G Mobile Networks 2017 , 55, 54-60		22
132	Sleep control for base stations powered by heterogeneous energy sources 2013 ,		22
131	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
130	On the statistical multiplexing gain of virtual base station pools 2014 ,		21
129	Only Those Requested Count: Proactive Scheduling Policies for Minimizing Effective Age-of-Information 2019 ,		20
128	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
127	Distributed Adaptation of Quantized Feedback for Downlink Network MIMO Systems. <i>IEEE Transactions on Wireless Communications</i> , 2011 , 10, 61-67	9.6	19
126	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
125	. <i>IEEE Transactions on Signal Processing</i> , 2020 , 68, 573-588	4.8	18
124	Improving network throughput in 60GHz WLANs via multi-AP diversity 2012 ,		18
123	Computation Peer Offloading in Mobile Edge Computing with Energy Budgets 2017 ,		17

122	Energy-efficient task offloading for multiuser mobile cloud computing 2015,		17
121	An energy-efficient client pre-caching scheme with wireless multicast for video-on-demand services 2012,		17
120	Towards Service-Oriented 5G: Virtualizing the Networks for Everything-as-a-Service. <i>IEEE Access</i> , 2018 , 6, 1480-1489	3.5	16
119	Optimal wake-up mechanism for single base station with sleep mode 2013,		16
118	2014,		16
117	Seeing the Unobservable: Channel Learning for Wireless Communication Networks 2015,		15
116	?????????????????????????????????????. <i>Scientia Sinica Informationis</i> , 2012 , 42, 1191-1203	2.3	15
115	Learning Based Security for VANET with Blockchain 2018,		15
114	On the Fronthaul Statistical Multiplexing Gain. <i>IEEE Communications Letters</i> , 2017 , 21, 1099-1102	3.8	14
113	Optimal power allocation on discrete energy harvesting model. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2015 , 2015,	3.2	14
112	Game-theoretical energy management design for smart cyber-physical power systems. <i>Cyber-Physical Systems</i> , 2015 , 1, 24-45	1.1	14
111	Energy-efficient antenna selection and power allocation for large-scale multiple antenna systems with hybrid energy supply 2014,		14
110	Solar radiation prediction and energy allocation for energy harvesting base stations 2014,		14
109	Energy-Aware Resource Allocation for Energy Harvesting Wireless Communication Systems 2013,		13
108	. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 1025-1037	9.6	13
107	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
106	Networked MIMO With Fractional Joint Transmission in Energy Harvesting Systems. <i>IEEE Transactions on Communications</i> , 2016 , 64, 3323-3336	6.9	12
105	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

104	A block regression model for short-term mobile traffic forecasting 2015 ,		11
103	CHORUS: a framework for scalable collaboration in heterogeneous networks with cognitive synergy. <i>IEEE Wireless Communications</i> , 2013 , 20, 133-139	13.4	11
102	2012 ,		10
101	Security Analysis of Mobile Device-to-Device Network Applications. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 2922-2932	10.7	10
100	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
99	E2M2: Energy efficient mobility management in dense small cells with mobile edge computing 2017 ,		9
98	Proactive push with energy harvesting based small cells in heterogeneous networks 2015 ,		9
97	Optimizing Information Freshness in Broadcast Network with Unreliable Links and Random Arrivals: An Approximate Index Policy 2019 ,		9
96	2018 ,		9
95	Learning-Based Remote Channel Inference: Feasibility Analysis and Case Study. <i>IEEE Transactions on Wireless Communications</i> , 2019 , 18, 3554-3568	9.6	8
94	Edge Learning with Timeliness Constraints: Challenges and Solutions. <i>IEEE Communications Magazine</i> , 2020 , 58, 27-33	9.1	8
93	Distributed Medium Access Control with SDMA Support for WLANs. <i>IEICE Transactions on Communications</i> , 2010 , E93-B, 961-970	0.5	8
92	Scalable Non-Orthogonal Pilot Design for Massive MIMO Systems with Massive Connectivity 2016 ,		8
91	Status from a Random Field: How Densely Should One Update? 2019 ,		8
90	Heterogeneous Coded Computation across Heterogeneous Workers 2019 ,		8
89	Distributed Policy Learning Based Random Access for Diversified QoS Requirements 2019 ,		7
88	Intermittent CSI Update for Massive MIMO Systems With Heterogeneous User Mobility. <i>IEEE Transactions on Communications</i> , 2019 , 67, 4811-4824	6.9	7
87	Bayesian mechanism based inter-operator base station sharing for energy saving 2015 ,		7

86	An energy-efficient user scheduling scheme for multiuser MIMO systems with RF chain sleeping 2013,		7
85	Interference-aware relay selection for multiple source-destination cooperative networks 2009,		7
84	An Uplink Medium Access Protocol with SDMA Support for Multiple-Antenna WLANs 2008,		7
83	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
82	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
81	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
80	Joint optimization of content caching and push in renewable energy powered small cells 2016,		7
79	Pilot-Data Superposition for Beam-Based FDD Massive MIMO Downlinks. <i>IEEE Communications Letters</i> , 2017 , 21, 1357-1360	3.8	6
78	Flexible Functional Split in C-RAN with Renewable Energy Powered Remote Radio Units 2018,		6
77	Mobility-aware coded-caching scheme for small cell network 2017,		6
76	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
75	Software defined radio implementation of signaling splitting in hyper-cellular network 2013,		6
74	Queuing on Energy-Efficient Wireless Transmissions with Adaptive Modulation and Coding 2011,		6
73	A Two-Step Learning and Interpolation Method for Location-Based Channel Database Construction 2018,		6
72	Energy-Efficient UAV Deployment with Flexible Functional Split Selection 2018,		6
71	Scalable Multi-Agent Learning for Situationally-Aware Multiple-Access and Grant-Free Transmissions 2019,		5
70	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
69	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

68	Power control policies for a wireless link with energy harvesting transmitter and receiver 2014,		5
67	Remote Channel Inference for Beamforming in Ultra-Dense Hyper-Cellular Network 2017,		5
66	. <i>IEEE Journal of Solid-State Circuits</i> , 2020 , 55, 505-519	5.5	5
65	Context-Aware Information Lapse for Timely Status Updates in Remote Control Systems 2019,		5
64	TIME-SEQUENCE CHANNEL INFERENCE FOR BEAM ALIGNMENT IN VEHICULAR NETWORKS 2018,		5
63	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
62	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
61	Optimal Discrete Spatial Compression for Beam-space Massive MIMO Signals. <i>IEEE Transactions on Signal Processing</i> , 2018 , 66, 2480-2493	4.8	4
60	Spatial-Temporal Water-Filling power allocation in MIMO systems with harvested energy 2013,		4
59	Antenna-beam spatial transformation in c-RAN with large antenna arrays 2017,		4
58	How Often Should CSI Be Updated for Massive MIMO Systems with Massive Connectivity? 2017,		4
57	Topic model based behaviour modeling and clustering analysis for wireless network users 2015,		4
56	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
55	Dynamic Channel Acquisition in MU-MIMO. <i>IEEE Transactions on Communications</i> , 2014 , 62, 4336-4348	6.9	4
54	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
53	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
52	On the online minimization of completion time in an energy harvesting system 2016,		4
51	Improved Scaling Law for Status Update Timeliness in Massive IoT by Elastic Spatial Multiplexing 2018,		4

50	1 A Deep Reinforcement Learning Framework to Combat Dynamic Blockage in mmWave V2X Networks 2020 ,		3
49	Beyond Age: Urgency of Information for Timeliness Guarantee in Status Update Systems 2020 ,		3
48	Analysis and optimization of wireless transmissions over fast fading channels with slow time-varying energy arrival 2017 ,		3
47	Recursive Geometric Water-filling for wireless links with hybrid energy systems 2013 ,		3
46	Joint Scheduling and Dynamic Clustering in Downlink Cellular Networks 2011 ,		3
45	A Decentralized Clustering Scheme for Dynamic Downlink Base Station Cooperation. <i>IEICE Transactions on Communications</i> , 2010 , E93-B, 3656-3659	0.5	3
44	Cluster-Based Cooperative Digital Over-the-Air Aggregation for Wireless Federated Edge Learning 2020 ,		3
43	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
42	Age of Information and Delay Tradeoff with Freshness-Aware Mobile Edge Cache Update 2019 ,		3
41	Joint Optimization of Cache Allocation and Content Placement in Urban Vehicular Networks 2018 ,		3
40	Energy Management for Energy Internet: A Combination of Game Theory and Big Data-Based Renewable Power Forecasting 2017 ,		2
39	Fractional Dynamic Caching: A Collaborative Design of Storage and Backhaul. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 4194-4206	6.8	2
38	Seeing the Unobservable: Channel Learning for Wireless Communication Networks 2014 ,		2
37	On precoding for overlapped clustering in a measured urban macrocellular environment. <i>Science China Information Sciences</i> , 2013 , 56, 1-10	3.4	2
36	Impact of mobile instant messaging applications on signaling load and UE energy consumption. <i>Wireless Networks</i> , 2017 , 23, 1645-1654	2.5	2
35	A block coordinated update method for beam-based massive MIMO downlink scheduling based on statistical CSI 2017 ,		2
34	Traffic aware offloading for BS sleeping in heterogeneous networks 2014 ,		2
33	Energy-efficient multicast with deadlines in wireless networks via lazy rate scheduling 2012 ,		2

32	Energy-Efficient Massive MIMO With Decentralized Precoder Design. <i>IEEE Transactions on Vehicular Technology</i> , 2020 , 69, 15370-15384	6.8	2
31	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
30	Channel Fingerprint Based Beam Tracking for Millimeter Wave Communications. <i>IEEE Communications Letters</i> , 2020 , 24, 639-643	3.8	2
29	Mode Selection in UAV-aided Vehicular Network: an Evolutionary Game Approach 2018 ,		2
28	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
27	HyCell: Enabling GREEN base station operations in software-defined radio access networks 2015 ,		1
26	Latency Guaranteed Edge Inference via Dynamic Compression Ratio Selection 2020 ,		1
25	Proactive Content Push in Heterogeneous Networks with Multiple Energy Harvesting Small Cells 2017 ,		1
24	Wireless Traffic Steering For Green Cellular Networks 2016 ,		1
23	An energy-efficient system signaling control method based on mobile application traffic 2015 ,		1
22	Energy-efficiency and spectrum-efficiency tradeoff in coordinated small-cell networks 2014 ,		1
21	A practical channel allocation scheme based on the weighted conflict graph in heterogeneous networks 2014 ,		1
20	Multi-Hop Relay Network for Base Station Energy Saving and Its Performance Evaluation 2011 ,		1
19	Greening 6G 2021 , 39-53		1
18	Deep LearningBased Coverage and Capacity Optimization 2020 , 63-83		1
17	Adaptive Transmission for Edge Learning via Training Loss Estimation 2020 ,		1
16	SMART: Situationally-Aware Multi-Agent Reinforcement Learning-Based Transmissions. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 1-1	6.6	1
15	Data-Driven User Complaint Prediction for Mobile Access Networks. <i>Journal of Communications and Information Networks</i> , 2018 , 3, 9-19		0

14	Coded Computation Over Heterogeneous Workers With Random Task Arrivals. <i>IEEE Communications Letters</i> , 2021 , 25, 2338-2342	3.8	0
13	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	
12	Energy-Efficient Operation and Management for Mobile Networks 135-178		
11	Dynamic Network Planning with Intra-Tier Traffic Steering 2016 , 35-55		
10	Literature Review on Green Communications 2016 , 19-33		
9	Inter-Tier Traffic Steering with Renewable Energy Harvesting 2016 , 91-125		
8	Dynamic Network Planning with Inter-Tier Traffic Steering 2016 , 57-90		
7	RRM in Wireless Communications with Energy Harvest Technology. <i>SpringerBriefs in Computer Science</i> , 2014 , 63-74	0.4	
6	Geometric Water-Filling in RRM. <i>SpringerBriefs in Computer Science</i> , 2014 , 5-14	0.4	
5	. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 2136-2149	9.6	
4	Power Allocation for Point-to-Point Energy Harvesting Channels 2018 , 5-73		
3	Cross-Layer Design for Energy Harvesting Links 2018 , 127-165		
2	Energy Harvesting in Next-Generation Cellular Networks 2018 , 239-286		
1	Coverage analyses on directional transmissions ultra-dense networks with imperfect beam alignment. <i>China Communications</i> , 2022 , 19, 318-328	3	