Weisi Guo

List of Publications by Year in descending order

191 papers	3,961 citations	236925 25 h-index	197818 49 g-index
192 all docs	192 docs citations	192 times ranked	2851 citing authors

#	Article	IF	Citations
1	A Comprehensive Survey of Recent Advancements in Molecular Communication. IEEE Communications Surveys and Tutorials, 2016, 18, 1887-1919.	39.4	681
2	Coexistence of Wi-Fi and heterogeneous small cell networks sharing unlicensed spectrum. , 2015, 53, 158-164.		360
3	Tabletop Molecular Communication: Text Messages through Chemical Signals. PLoS ONE, 2013, 8, e82935.	2.5	202
4	Molecular communications: channel model and physical layer techniques. IEEE Wireless Communications, 2016, 23, 120-127.	9.0	89
5	Automated small-cell deployment for heterogeneous cellular networks. , 2013, 51, 46-53.		72
6	Molecular Versus Electromagnetic Wave Propagation Loss in Macro-Scale Environments. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2015, 1, 18-25.	2.1	64
7	Analyzing Large-Scale Multiuser Molecular Communication via 3-D Stochastic Geometry. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2017, 3, 118-133.	2.1	62
8	A Survey of Online Data-Driven Proactive 5G Network Optimisation Using Machine Learning. IEEE Access, 2020, 8, 35606-35637.	4.2	61
9	Simultaneous Information and Energy Flow for IoT Relay Systems with Crowd Harvesting. , 2016, 54, 143-149.		60
10	Relay Deployment in Cellular Networks: Planning and Optimization. IEEE Journal on Selected Areas in Communications, 2013, 31, 1597-1606.	14.0	57
11	Device-to-device meets LTE-unlicensed. , 2016, 54, 154-159.		57
12	Performance analysis of micro unmanned airborne communication relays for cellular networks. , 2014, , .		53
13	RACH Preamble Repetition in NB-IoT Network. IEEE Communications Letters, 2018, 22, 1244-1247.	4.1	52
14	Three-dimensional SOlar RAdiation Model (SORAM) and its application to 3-D urban planning. Solar Energy, 2014, 101, 63-73.	6.1	50
15	Local Convexity Inspired Low-Complexity Noncoherent Signal Detector for Nanoscale Molecular Communications. IEEE Transactions on Communications, 2016, 64, 2079-2091.	7.8	50
16	Transposition Errors in Diffusion-Based Mobile Molecular Communication. IEEE Communications Letters, 2017, 21, 1973-1976.	4.1	50
17	Google Trends can improve surveillance of Type 2 diabetes. Scientific Reports, 2017, 7, 4993.	3.3	50
18	Low-Complexity Noncoherent Signal Detection for Nanoscale Molecular Communications. IEEE Transactions on Nanobioscience, 2016, 15, 3-10.	3.3	47

#	Article	IF	Citations
19	Learning-Based Spectrum Sharing and Spatial Reuse in mm-Wave Ultradense Networks. IEEE Transactions on Vehicular Technology, 2018, 67, 4954-4968.	6.3	47
20	Dynamic Cell Expansion with Self-Organizing Cooperation. IEEE Journal on Selected Areas in Communications, 2013, 31, 851-860.	14.0	45
21	Resilience or robustness: identifying topological vulnerabilities in rail networks. Royal Society Open Science, 2019, 6, 181301.	2.4	40
22	Outage Probability for Multi-Hop D2D Communications With Shortest Path Routing. IEEE Communications Letters, 2015, 19, 1997-2000.	4.1	39
23	LSTM-CRF Neural Network With Gated Self Attention for Chinese NER. IEEE Access, 2019, 7, 136694-136703.	4.2	37
24	Stable Distributions as Noise Models for Molecular Communication. , 2015, , .		35
25	User data traffic analysis for 3G cellular networks. , 2013, , .		33
26	Estimating Mobile Traffic Demand Using Twitter. IEEE Wireless Communications Letters, 2016, 5, 380-383.	5.0	33
27	One Symbol Blind Synchronization in SIMO Molecular Communication Systems. IEEE Wireless Communications Letters, 2018, 7, 530-533.	5.0	32
28	Kalman Prediction-Based Neighbor Discovery and Its Effect on Routing Protocol in Vehicular Ad Hoc Networks. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 159-169.	8.0	32
29	Green cellular network: Deployment solutions, sensitivity and tradeoffs. , 2011, , .		31
30	Trustworthy Deep Learning in 6G-Enabled Mass Autonomy: From Concept to Quality-of-Trust Key Performance Indicators. IEEE Vehicular Technology Magazine, 2020, 15, 112-121.	3.4	30
31	Emergency route selection for D2D cellular communications during an urban terrorist attack. , 2014, , .		29
32	Interference-Aware Self-Deploying Femto-Cell. IEEE Wireless Communications Letters, 2012, 1, 609-612.	5.0	28
33	Enabling Energy Efficient Molecular Communication via Molecule Energy Transfer. IEEE Communications Letters, 2017, 21, 254-257.	4.1	27
34	Eavesdropper Localization in Random Walk Channels. IEEE Communications Letters, 2016, 20, 1776-1779.	4.1	26
35	SMIET: Simultaneous Molecular Information and Energy Transfer. IEEE Wireless Communications, 2018, 25, 106-113.	9.0	25
36	Data-Driven Deployment and Cooperative Self-Organization in Ultra-Dense Small Cell Networks. IEEE Access, 2018, 6, 22839-22848.	4.2	24

#	Article	IF	Citations
37	On Flow-Induced Diffusive Mobile Molecular Communication: First Hitting Time and Performance Analysis. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 195-207.	2.1	24
38	Initial Distance Estimation and Signal Detection for Diffusive Mobile Molecular Communication. IEEE Transactions on Nanobioscience, 2020, 19, 422-433.	3.3	24
39	Network coding in device-to-device (D2D) communications underlaying cellular networks. , 2015, , .		23
40	Bacterial Relay for Energy-Efficient Molecular Communications. IEEE Transactions on Nanobioscience, 2017, 16, 555-562.	3.3	23
41	Retool AI to forecast and limit wars. Nature, 2018, 562, 331-333.	27.8	23
42	Spectral- and energy-efficient antenna tilting in a HetNet using reinforcement learning. , 2013, , .		22
43	Capacity-Energy-Cost Tradeoff in Small Cell Networks. , 2012, , .		21
44	Understanding happiness in cities using Twitter: Jobs, children, and transport. , 2016, , .		20
45	Ant-Behavior Inspired Intelligent NanoNet for Targeted Drug Delivery in Cancer Therapy. IEEE Transactions on Nanobioscience, 2020, 19, 323-332.	3.3	20
46	Experimental molecular communications in obstacle rich fluids. , 2018, , .		20
47	Mobile Crowd-Sensing Wireless Activity with Measured Interference Power. IEEE Wireless Communications Letters, 2013, 2, 539-542.	5.0	19
48	Transmit pulse shaping for molecular communications. , 2014, , .		19
49	Mapping Consumer Sentiment Toward Wireless Services Using Geospatial Twitter Data. IEEE Access, 2019, 7, 113726-113739.	4.2	19
50	High-Dimensional Metric Combining for Non-Coherent Molecular Signal Detection. IEEE Transactions on Communications, 2020, 68, 1479-1493.	7.8	19
51	Green Deep Reinforcement Learning for Radio Resource Management: Architecture, Algorithm Compression, and Challenges. IEEE Vehicular Technology Magazine, 2021, 16, 29-39.	3.4	19
52	Communication System Design and Analysis for Asynchronous Molecular Timing Channels. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2017, 3, 239-253.	2.1	18
53	Frequency Domain Analysis and Equalization for Molecular Communication. IEEE Transactions on Signal Processing, 2021, 69, 1952-1967.	5.3	18
54	A Review of Methods to Study Resilience of Complex Engineering and Engineered Systems. IEEE Access, 2020, 8, 87775-87799.	4.2	18

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55	Reliable communication envelopes of molecular diffusion channels. Electronics Letters, 2013, 49, 1248-1249.	1.0	17
56	3D Stochastic Geometry Model for Large-Scale Molecular Communication Systems. , 2016, , .		17
57	Effective Enzyme Deployment for Degradation of Interference Molecules in Molecular Communication. , 2017, , .		17
58	Mutual Information and Noise Distributions of Molecular Signals Using Laser Induced Fluorescence. , 2019, , .		17
59	Node-Level Resilience Loss in Dynamic Complex Networks. Scientific Reports, 2020, 10, 3599.	3.3	17
60	Capacity expression and power allocation for arbitrary modulation and coding rates. , 2013, , .		16
61	Partially Explainable Big Data Driven Deep Reinforcement Learning for Green 5G UAV. , 2020, , .		16
62	Interferenceâ€aware multiâ€hop path selection for deviceâ€toâ€device communications in a cellular interference environment. IET Communications, 2017, 11, 1741-1750.	2.2	15
63	Programmable Wireless Channel for Multi-User MIMO Transmission Using Meta-Surface. , 2019, , .		15
64	Quantifying Resilience via Multiscale Feedback Loops in Water Distribution Networks. Journal of Water Resources Planning and Management - ASCE, 2020, 146, .	2.6	15
65	Exact and Asymptotic Outage Probability Analysis for Decode-and-Forward Networks. IEEE Transactions on Communications, 2011, 59, 376-381.	7.8	14
66	Iunius: A Cross-Layer Peer-to-Peer System With Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2016, 15, 7005-7017.	9.2	14
67	Toward High Capacity Molecular Communications Using Sequential Vortex Rings. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 39-42.	2.1	14
68	Optimal Sampling of Water Distribution Network Dynamics Using Graph Fourier Transform. IEEE Transactions on Network Science and Engineering, 2020, 7, 1570-1582.	6.4	14
69	CSI-Independent Non-Linear Signal Detection in Molecular Communications. IEEE Transactions on Signal Processing, 2020, 68, 97-112.	5.3	14
70	An Integrated Framework on Autonomous-EV Charging and Autonomous Valet Parking (AVP) Management System. IEEE Transactions on Transportation Electrification, 2022, 8, 2836-2852.	7.8	14
71	Interference reduction via enzyme deployment for molecular communication. Electronics Letters, 2016, 52, 1094-1096.	1.0	13
72	Attention-Based LSTM with Filter Mechanism for Entity Relation Classification. Symmetry, 2020, 12, 1729.	2.2	13

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73	Performance of macro-scale molecular communications with sensor cleanse time. , 2014, , .		12
74	Molecular communication link. , 2014, , .		12
75	Long Range and Long Duration Underwater Localization Using Molecular Messaging. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2015, 1, 363-370.	2.1	12
76	Global air transport complex network: multi-scale analysis. SN Applied Sciences, 2019, 1, 1.	2.9	12
77	Signal Detection for Molecular Communication: Model-Based vs. Data-Driven Methods. IEEE Communications Magazine, 2021, 59, 47-53.	6.1	12
78	Energy efficient coordinated radio resource management: a two player sequential game modelling for the long-term evolution downlink. IET Communications, 2012, 6, 2239.	2.2	11
79	DYNAMIC BASESTATION ANTENNA DESIGN FOR LOW ENERGY NETWORKS. Progress in Electromagnetics Research C, 2012, 31, 153-168.	0.9	11
80	Smartphone data usage: downlink and uplink asymmetry. Electronics Letters, 2016, 52, 243-245.	1.0	11
81	On the Impact of Transposition Errors in Diffusion-Based Channels. IEEE Transactions on Communications, 2019, 67, 364-374.	7.8	11
82	Secure Internet-of-Nano Things for Targeted Drug Delivery: Distance-based Molecular Cipher Keys. , 2020, , .		11
83	Radiation Absorption Noise for Molecular Information Transfer. IEEE Access, 2020, 8, 6379-6387.	4.2	11
84	Long Term Evolution Downlink Packet Scheduling Using a Novel Proportional-Fair-Energy Policy. , 2012, , .		10
85	Capacity-Outage-Tradeoff (COT) for Cooperative Networks. IEEE Journal on Selected Areas in Communications, 2012, 30, 1641-1648.	14.0	10
86	Optimising Femtocell Placement in an Interference Limited Network: Theory and Simulation. , 2012, , .		10
87	Stable Distributions as Noise Models for Molecular Communication. , 2014, , .		10
88	Spectrum Detection and Link Quality Assessment for Heterogeneous Shared Access Networks. IEEE Transactions on Vehicular Technology, 2019, 68, 1431-1445.	6.3	10
89	Radioâ€frequency energy harvesting potential: a stochastic analysis. Transactions on Emerging Telecommunications Technologies, 2013, 24, 453-457.	3.9	9
90	Molecular barcodes: Information transmission via persistent chemical tags. , 2015, , .		9

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91	Mobile molecular communications: Positional-distance codes. , 2016, , .		9
92	Uncovering wireless blackspots using Twitter data. Electronics Letters, 2017, 53, 814-816.	1.0	9
93	Asynchronous Device Detection for Cognitive Device-to-Device Communications. IEEE Transactions on Wireless Communications, 2018, 17, 2443-2456.	9.2	9
94	Twitter Usage Across Industry: A Spatiotemporal Analysis. , 2018, , .		9
95	Metric combinations in non-coherent signal detection for molecular communication. Nano Communication Networks, 2019, 20, 1-10.	2.9	9
96	Common statistical patterns in urban terrorism. Royal Society Open Science, 2019, 6, 190645.	2.4	9
97	Organisational Social Influence on Directed Hierarchical Graphs, from Tyranny to Anarchy. Scientific Reports, 2020, 10, 4388.	3.3	9
98	Dynamic Complex Network Analysis of PM2.5 Concentrations in the UK, Using Hierarchical Directed Graphs (V1.0.0). Sustainability, 2021, 13, 2201.	3.2	9
99	Graph hierarchy: a novel framework to analyse hierarchical structures in complex networks. Scientific Reports, 2021, 11, 13943.	3.3	9
100	Two-tier Cellular Networks with Frequency Selective Surface. , 2012, , .		8
101	Dynamic Cell Expansion: Traffic Aware Low Energy Cellular Network. , 2012, , .		8
102	Low energy indoor network: deployment optimisation. Eurasip Journal on Wireless Communications and Networking, 2012, 2012, .	2.4	8
103	Downlink interference estimation without feedback for heterogeneous network interference avoidance. , 2014, , .		8
104	Under-water molecular signalling: A hidden transmitter and absent receivers problem. , 2015, , .		8
105	Deep learning for bridge load capacity estimation in post-disaster and -conflict zones. Royal Society Open Science, 2019, 6, 190227.	2.4	8
106	Molecular Communication via Subdiffusion With a Spherical Absorbing Receiver. IEEE Wireless Communications Letters, 2020, 9, 1682-1686.	5.0	8
107	Error Performance and Mutual Information for IoNT Interface System. IEEE Internet of Things Journal, 2022, 9, 9831-9842.	8.7	8
108	Comparison of cooperative schemes using joint channel coding and high-order modulation. , 2008, , .		7

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109	Energy Consumption of 4G Cellular Networks: A London Case Study. , 2013, , .		7
110	On the Impact of Time-Synchronization in Molecular Timing Channels. , 2016, , .		7
111	Molecular Channel Fading Due to Diffusivity Fluctuations. IEEE Communications Letters, 2017, 21, 676-679.	4.1	7
112	Linearity of Sequential Molecular Signals in Turbulent Diffusion Channels. , 2019, , .		7
113	Analytical Evaluation of Cellular Network Uplink Communications With Higher Order Sectorization Deployments. IEEE Transactions on Vehicular Technology, 2019, 68, 12179-12189.	6.3	7
114	Signal Detection for Molecular MIMO Communications With Asymmetrical Topology. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2020, 6, 60-70.	2.1	7
115	Partner Selection and Power Control for Asymmetrical Collaborative Networks. , 2010, , .		6
116	Energy and cost implications of a traffic aware and qualityâ€ofâ€service constrained sleep mode mechanism. IET Communications, 2013, 7, 2092-2101.	2.2	6
117	Optimal resource management for device-to-device communications underlaying SC-FDMA systems. , 2014, , .		6
118	Molecular Communications With Longitudinal Carrier Waves: Baseband to Passband Modulation. IEEE Communications Letters, 2015, 19, 1512-1515.	4.1	6
119	Effective interâ€symbol interference mitigation with a limited amount of enzymes in molecular communications. Transactions on Emerging Telecommunications Technologies, 2017, 28, e3106.	3.9	6
120	Global network centrality of university rankings. Royal Society Open Science, 2017, 4, 171172.	2.4	6
121	5G Multiscale Mobility : A Look at Current and Upcoming Models in the Next Technology Era. IEEE Vehicular Technology Magazine, 2018, 13, 120-129.	3.4	6
122	Uncertainty Quantification in Molecular Signals Using Polynomial Chaos Expansion. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 248-256.	2.1	6
123	Optimal Sampling for Dynamic Complex Networks With Graph-Bandlimited Initialization. IEEE Access, 2019, 7, 150294-150305.	4.2	6
124	A Multi-Eavesdropper Scheme Against RIS Secured LoS-Dominated Channel. IEEE Communications Letters, 2022, 26, 1221-1225.	4.1	6
125	Energy Efficiency Evaluation of SISO and MIMO between LTE-Femtocells and 802.11n Networks. , 2012, , .		5
126	A molecular communication link for monitoring in confined environments. , 2014, , .		5

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127	Distance distributions for real cellular networks. , 2014, , .		5
128	Fuzzy partition technique for clustering Big Urban dataset. , 2016, , .		5
129	Non-Linear Signal Detection for Molecular Communications. , 2017, , .		5
130	Text Classification Based on Conditional Reflection. IEEE Access, 2019, 7, 76712-76719.	4.2	5
131	Geo-Tagging Quality-of-Experience Self-Reporting on Twitter to Mobile Network Outage Events. , 2019, , .		5
132	Molecular Signal Tracking and Detection Methods in Fluid Dynamic Channels. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2020, 6, 151-159.	2.1	5
133	Robust Fuzzy Learning for Partially Overlapping Channels Allocation in UAV Communication Networks. IEEE Transactions on Mobile Computing, 2022, 21, 1388-1401.	5.8	5
134	Inference in Turbulent Molecular Information Channels Using Support Vector Machine. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2020, 6, 25-35.	2.1	5
135	Error Probability Analysis of Unselfish Cooperation over Quasi-Static Fading Channels. , 2010, , .		4
136	Interference Allocation Scheduler for Green Multimedia Delivery. IEEE Transactions on Vehicular Technology, 2014, 63, 2059-2070.	6.3	4
137	Experimental Nakagami distributed noise model for molecular communication channels with no drift. Electronics Letters, 2015, 51, 611-613.	1.0	4
138	Device-to-Device communications in LTE-Unlicensed heterogeneous network. , 2016, , .		4
139	Normal Inverse Gaussian Approximation for Arrival Time Difference in Flow-Induced Molecular Communications. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2017, 3, 259-264.	2.1	4
140	Impact of Cooperation in Flow-Induced Diffusive Mobile Molecular Communication. , 2018, , .		4
141	HS2 railway embankment monitoring: effect of soil condition on underground signals. SN Applied Sciences, 2019, 1, 1.	2.9	4
142	Probabilistic Stability of Traffic Load Balancing on Wireless Complex Networks. IEEE Systems Journal, 2020, 14, 2551-2556.	4.6	4
143	Sampling and Inference of Networked Dynamics Using Log-Koopman Nonlinear Graph Fourier Transform. IEEE Transactions on Signal Processing, 2020, 68, 6187-6197.	5.3	4
144	Vertical Underwater Molecular Communications via Buoyancy: Gaussian Velocity Distribution of Signal. , 2020, , .		4

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145	Forecasting Wireless Demand with Extreme Values using Feature Embedding in Gaussian Processes. , 2021, , .		4
146	Signal Transmission Through Human Body Via Engineered Nervous System. , 2020, , .		4
147	Performance analysis and adaptive power control for block coded collaborative networks. , 2009, , .		3
148	Integrated cross-layer energy savings in a smart and flexible cellular network. , 2012, , .		3
149	D2D multi-hop routing: Collision probability and routing strategy with limited location information. , 2015, , .		3
150	London underground: Neighbourhood centrality and relation to urban geography. , 2016, , .		3
151	Molecular Information Delivery in Porous Media. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2018, 4, 257-262.	2.1	3
152	Initial Distance Estimation for Diffusive Mobile Molecular Communication Systems. , 2019, , .		3
153	Monitoring Networked Infrastructure with Minimum Data via Sequential Graph Fourier Transforms. , 2019, , .		3
154	Sequential Bayesian Detection of Spike Activities From Fluorescence Observations. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2019, 5, 3-18.	2.1	3
155	Kolmogorov Turbulence and Information Dissipation in Molecular Communication. IEEE Transactions on Molecular, Biological, and Multi-Scale Communications, 2021, 7, 262-270.	2.1	3
156	Uncertainty of Resilience in Complex Networks With Nonlinear Dynamics. IEEE Systems Journal, 2021, 15, 4687-4695.	4.6	3
157	Graph Layer Security: Encrypting Information via Common Networked Physics. Sensors, 2022, 22, 3951.	3.8	3
158	Ubiquitous monitoring of human sunlight exposure in cities. , 2015, , .		2
159	Dynamic Spatial Cluster Process Model of Geo-Tagged Tweets in London. , 2019, , .		2
160	On the Stability of the Foschini-Miljanic Algorithm with Uncertainty over Channel Gains. , 2019, , .		2
161	Hammingâ€"Luby rateless codes for molecular erasure channels. Nano Communication Networks, 2020, 23, 100280.	2.9	2
162	Monitoring Embedded Flow Networks Using Graph Fourier Transform Enabled Sparse Molecular Relays. IEEE Communications Letters, 2020, 24, 986-990.	4.1	2

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163	Low‑complexity energy‑efficient resource allocation for delay‑tolerant two‑way orthogonal frequency‑division multiplexing relays. IET Communications, 2016, 10, 2488-2495.	2.2	2
164	Conflict Detection in Linguistically Diverse On-line Social Networks. , 2019, , .		2
165	Small-Net vs. Relays in a Heterogeneous Low Energy LTE Architecture. Journal of Communications, 2012, 7, .	1.6	2
166	Survey and analysis of power control for collaborative networks. , 2010, , .		1
167	Evolution Game Theoretic Optimization of Realistic Cooperative Networks Using Power Control with Imperfect Feedback. , 2011, , .		1
168	A robust wide-area wireless sensor network for GNSS monitoring of flowing glaciers. , 2012, , .		1
169	Core identification and attack strategies against regenerative complex networks. Electronics Letters, 2016, 52, 450-452.	1.0	1
170	Cascade decode-and-forward: spatial diversity reuse in sensor networks. International Journal of Sensor Networks, 2016, 20, 219.	0.4	1
171	Swarm UAV Communications with Diversity and Delay Trade-off using Mobile Caching. , 2019, , .		1
172	Gang confrontation: The case of Medellin (Colombia). PLoS ONE, 2019, 14, e0225689.	2.5	1
173	Editorial: Biologically Inspired Computing and Networking. Mobile Networks and Applications, 2021, 26, 1344-1346.	3.3	1
174	Nanoparticle communications: from chemical signals in nature to wireless sensor networks. Nanotechnology Perceptions, 2014, 10, . 29-41.	0.2	1
175	Automatic Quantification of Settlement Damage using Deep Learning of Satellite Images. , 2021, , .		1
176	Sustainable Growth for Cellular Wireless Networks. Advances in Wireless Technologies and Telecommunication Book Series, 2014, , 18-43.	0.4	1
177	Synchronization with Molecular Signals on Spatial-Temporal Complex Networks. , 2019, , .		1
178	Robust satellite antenna fingerprinting under degradation using recurrent neural network. Modern Physics Letters B, 0, , .	1.9	1
179	Analysing region of attraction of load balancing on complex network. Journal of Complex Networks, 2022, 10, .	1.8	1
180	Power control for turbo coded symmetrical collaborative networks. , 2010, , .		0

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181	Power-Capacity-Tradeoff for Low Energy Interference Limited Cellular Networks. , 2012, , .		0
182	Energy-efficient architectures and techniques. , 0, , 426-452.		0
183	Assessing Simulations of Imperial Dynamics and Conflict in the Ancient World. Cliodynamics, 2019, 10, .	0.1	0
184	A Tale of Two Cities: Multiplexed Banking Access in Birmingham and London. , 2019, , .		0
185	Discovering Latent Spatial Invariance of Urban Wireless Data using Compression and Deep Learning. , 2020, , .		0
186	A Frequency Domain View on Diffusion-based Molecular Communication Channels. , 2021, , .		0
187	Neural Network Approximation of Graph Fourier Transform for Sparse Sampling of Networked Dynamics. ACM Transactions on Internet Technology, 2022, 22, 1-18.	4.4	0
188	Infection and Re-Infection: Stability of Complex Air Transport Network. , 2021, , .		0
189	Multi-Scale Energy Harvesting. , 2018, , 157-185.		0
190	Heterogeneous Small Cell Networks. , 2018, , 1-10.		0
191	Heterogeneous Small Cell Networks. , 2020, , 561-571.		0