Kaishun Wu

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8242008/publications.pdf

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229	6,329	147801	118850
papers	citations	31 h-index	62 g-index

236	236	236	5232
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	WiFall: Device-Free Fall Detection by Wireless Networks. IEEE Transactions on Mobile Computing, 2017, 16, 581-594.	5.8	559
2	CSI-Based Indoor Localization. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1300-1309.	5.6	382
3	Artificial-Intelligence-Enabled Intelligent 6G Networks. IEEE Network, 2020, 34, 272-280.	6.9	271
4	FILA: Fine-grained indoor localization. , 2012, , .		262
5	From QoS to QoE: A Tutorial on Video Quality Assessment. IEEE Communications Surveys and Tutorials, 2015, 17, 1126-1165.	39.4	246
6	We Can Hear You with Wi-Fi!. IEEE Transactions on Mobile Computing, 2016, 15, 2907-2920.	5.8	207
7	FIFS: Fine-Grained Indoor Fingerprinting System. , 2012, , .		200
8	Pilot: Passive Device-Free Indoor Localization Using Channel State Information. , 2013, , .		194
9	WiFall: Device-free fall detection by wireless networks. , 2014, , .		186
10	We can hear you with Wi-Fi!. , 2014, , .		172
11	Narrowband Internet of Things: Evolutions, Technologies, and Open Issues. IEEE Internet of Things Journal, 2018, 5, 1449-1462.	8.7	160
12	GRfid: A Device-Free RFID-Based Gesture Recognition System. IEEE Transactions on Mobile Computing, 2017, 16, 381-393.	5.8	124
13	WiG: WiFi-Based Gesture Recognition System. , 2015, , .		118
14	Urban Traffic Prediction from Mobility Data Using Deep Learning. IEEE Network, 2018, 32, 40-46.	6.9	113
15	FIMD: Fine-grained Device-free Motion Detection. , 2012, , .		107
16	Software-Defined Architectures and Technologies for Underwater Wireless Sensor Networks: A Survey. IEEE Communications Surveys and Tutorials, 2018, 20, 2855-2888.	39.4	92
17	Energy Balanced Strategies for Maximizing the Lifetime of Sparsely Deployed Underwater Acoustic Sensor Networks. Sensors, 2009, 9, 6626-6651.	3.8	69
18	Multiple Access MmWave Design for UAV-Aided 5G Communications. IEEE Wireless Communications, 2019, 26, 64-71.	9.0	67

#	Article	IF	Citations
19	Side Channel: Bits over Interference. IEEE Transactions on Mobile Computing, 2012, 11, 1317-1330.	5.8	64
20	Combating Hidden and Exposed Terminal Problems in Wireless Networks. IEEE Transactions on Wireless Communications, 2012, 11, 4204-4213.	9.2	60
21	Simulation and Experimentation Platforms for Underwater Acoustic Sensor Networks. ACM Computing Surveys, 2018, 50, 1-44.	23.0	59
22	Chip Error Pattern Analysis in IEEE 802.15.4. IEEE Transactions on Mobile Computing, 2012, 11, 543-552.	5.8	58
23	Performance Analysis of Downlink NOMA Systems Over $kappa$-mu Shadowed Fading Channels. IEEE Transactions on Vehicular Technology, 2020, 69, 1046-1050.	6.3	56
24	Enhanced Uplink Resource Allocation in Non-Orthogonal Multiple Access Systems. IEEE Transactions on Wireless Communications, 2018, 17, 1432-1444.	9.2	53
25	Physical-Layer Security and Privacy for Vehicle-to-Everything. IEEE Communications Magazine, 2019, 57, 84-90.	6.1	53
26	Ship Detection with Wireless Sensor Networks. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 1336-1343.	5.6	52
27	Physical-Layer Security of NOMA Systems Under Untrusted Users. , 2018, , .		52
28	TAMES: A Truthful Double Auction for Multi-Demand Heterogeneous Spectrums. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 3012-3024.	5.6	50
29	Localization for Drifting Restricted Floating Ocean Sensor Networks. IEEE Transactions on Vehicular Technology, 2016, 65, 9968-9981.	6.3	50
30	hJam: Attachment Transmission in WLANs. IEEE Transactions on Mobile Computing, 2013, 12, 2334-2345.	5.8	49
31	Wi-Counter: Smartphone-Based People Counter Using Crowdsourced Wi-Fi Signal Data. IEEE Transactions on Human-Machine Systems, 2015, 45, 442-452.	3.5	48
32	Throughput Maximization for Laser-Powered UAV Wireless Communication Systems. , 2018, , .		48
33	Enabling Ultra-Dense UAV-Aided Network with Overlapped Spectrum Sharing: Potential and Approaches. IEEE Network, 2018, 32, 85-91.	6.9	47
34	Taprint. , 2019, , .		42
35	Wi-Fi Radar: Recognizing Human Behavior with Commodity Wi-Fi. , 2017, 55, 105-111.		39
36	Real-time Arm Skeleton Tracking and Gesture Inference Tolerant to Missing Wearable Sensors. , 2019, , .		38

#	Article	IF	Citations
37	Harnessing Frequency Domain for Cooperative Sensing and Multi-channel Contention in CRAHNs. IEEE Transactions on Wireless Communications, 2014, 13, 440-449.	9.2	36
38	MODLoc: Localizing Multiple Objects in Dynamic Indoor Environment. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 2969-2980.	5.6	36
39	TiM: Fine-Grained Rate Adaptation in WLANs. IEEE Transactions on Mobile Computing, 2016, 15, 748-761.	5.8	36
40	D2D Communication for Enabling Internet-of-Things: Outage Probability Analysis. IEEE Transactions on Vehicular Technology, 2019, 68, 2332-2345.	6.3	35
41	DDC: A Novel Scheme to Directly Decode the Collisions in UHF RFID Systems. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 263-270.	5.6	34
42	Adaptive Online Decision Method for Initial Congestion Window in 5G Mobile Edge Computing Using Deep Reinforcement Learning. IEEE Journal on Selected Areas in Communications, 2020, 38, 389-403.	14.0	34
43	Side channel. , 2010, , .		33
44	Backscatter Wireless Communications and Sensing in Green Internet of Things. IEEE Transactions on Green Communications and Networking, 2022, 6, 37-55.	5.5	33
45	Online Concurrent Transmissions at LoRa Gateway. , 2020, , .		32
46	TAMES: A Truthful Auction Mechanism for heterogeneous spectrum allocation. , 2013, , .		31
47	BiLock. , 2018, 2, 1-20.		30
48	CUTS: Improving Channel Utilization in Both Time and Spatial Domain in WLANs. IEEE Transactions on Parallel and Distributed Systems, 2014, 25, 1413-1423.	5.6	29
49	Context-Aware Taxi Dispatching at City-Scale Using Deep Reinforcement Learning. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 1996-2009.	8.0	29
50	Recent Progress of Air/Water Cross-Boundary Communications for Underwater Sensor Networks: A Review. IEEE Sensors Journal, 2022, 22, 8360-8382.	4.7	29
51	Aggregation-Induced Emission Luminogens as Color Converters for Visible-Light Communication. ACS Applied Materials & Interfaces, 2018, 10, 34418-34426.	8.0	28
52	Mobility-Aware Dynamic Taxi Ridesharing. , 2020, , .		28
53	Recent Advances in the Hardware of Visible Light Communication. IEEE Access, 2019, 7, 91093-91104.	4.2	27
54	UAV-Aided Information and Energy Transmissions for Cognitive and Sustainable 5G Networks. IEEE Transactions on Wireless Communications, 2021, 20, 1668-1683.	9.2	27

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55	Performance of Cooperative NOMA Systems under Passive Eavesdropping. , 2018, , .		26
56	Leveraging Machine-Learning for D2D Communications in 5G/Beyond 5G Networks. Electronics (Switzerland), 2021, 10, 169.	3.1	26
57	Vi-liquid. , 2021, , .		26
58	Rethinking the architecture design of data center networks. Frontiers of Computer Science, 2012, 6, 596.	2.4	25
59	On Improving Wireless Channel Utilization: A Collision Tolerance-Based Approach. IEEE Transactions on Mobile Computing, 2017, 16, 787-800.	5.8	25
60	FLoc: Device-free passive indoor localization in complex environments. , 2017, , .		25
61	SmartScanner: Know More in Walls with Your Smartphone!. IEEE Transactions on Mobile Computing, 2016, 15, 2865-2877.	5.8	24
62	ViType: A Cost Efficient On-Body Typing System through Vibration. , 2018, , .		24
63	Survey on Issues and Recent Advances in Vehicular Public-Key Infrastructure (VPKI). IEEE Communications Surveys and Tutorials, 2022, 24, 1574-1601.	39.4	24
64	B-IoT: Blockchain Driven Internet of Things with Credit-Based Consensus Mechanism. , 2019, , .		23
65	A Low-Cost Smart Glove System for Real-Time Fitness Coaching. IEEE Internet of Things Journal, 2020, 7, 7377-7391.	8.7	23
66	SDN-Enabled Energy-Aware Routing in Underwater Multi-Modal Communication Networks. IEEE/ACM Transactions on Networking, 2021, 29, 965-978.	3.8	23
67	Attached-RTS: Eliminating an Exposed Terminal Problem in Wireless Networks. IEEE Transactions on Parallel and Distributed Systems, 2013, 24, 1289-1299.	5.6	21
68	Spatial Modulation for RIS-Assisted Uplink Communication: Joint Power Allocation and Passive Beamforming Design. IEEE Transactions on Communications, 2021, 69, 7017-7031.	7.8	21
69	HJam: Attachment transmission in WLANs. , 2012, , .		20
70	Exploring Smart Pilot for Wireless Rate Adaptation. IEEE Transactions on Wireless Communications, 2016, 15, 4571-4582.	9.2	20
71	Opportunistic Cooperative Transmission for Underwater Communication Based on the Waterâ€™s Key Physical Variables. IEEE Sensors Journal, 2020, 20, 2792-2802.	4.7	20
72	Aiding a Disaster Spot via Multi-UAV-Based IoT Networks: Energy and Mission Completion Time-Aware Trajectory Optimization. IEEE Internet of Things Journal, 2022, 9, 5853-5867.	8.7	20

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73	CSMA/SF: Carrier Sense Multiple Access with Shortest First. IEEE Transactions on Wireless Communications, 2014, 13, 1692-1702.	9.2	19
74	AcouDigits: Enabling Users to Input Digits in the Air. , 2019, , .		18
75	SilentSign: Device-free Handwritten Signature Verification through Acoustic Sensing. , 2020, , .		18
76	Interpretable Pneumonia Detection by Combining Deep Learning and Explainable Models With Multisource Data. IEEE Access, 2021, 9, 95872-95883.	4.2	18
77	Understanding viewer engagement of video service in Wi-Fi network. Computer Networks, 2015, 91, 101-116.	5.1	17
78	ShopProfiler: Profiling shops with crowdsourcing data. , 2014, , .		16
79	Wi-metal: Detecting metal by using wireless networks. , 2016, , .		16
80	G-Fall: Device-free and Training-free Fall Detection with Geophones. , 2019, , .		16
81	Comprehensive Study on MIMO-Related Interference Management in WLANs. IEEE Communications Surveys and Tutorials, 2019, 21, 2087-2110.	39.4	16
82	Leveraging Machine Learning for Millimeter Wave Beamforming in Beyond 5G Networks. IEEE Systems Journal, 2022, 16, 1739-1750.	4.6	16
83	Performance of NOMA-Based Dual-Hop Hybrid Powerline-Wireless Communication Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 6548-6558.	6.3	16
84	Generative neural network based spectrum sharing using linear sum assignment problems. China Communications, 2020, 17, 14-29.	3.2	15
85	Spectrum Sharing in Cognitive-Radio-Inspired NOMA Systems Under Imperfect SIC and Cochannel Interference. IEEE Systems Journal, 2022, 16, 1540-1547.	4.6	15
86	NomLoc: Calibration-Free Indoor Localization with Nomadic Access Points. , 2014, , .		14
87	UniTask: A Unified Task Assignment Design for Mobile Crowdsourcing-Based Urban Sensing. IEEE Internet of Things Journal, 2019, 6, 6629-6641.	8.7	14
88	Uplink Resource Allocation for Multi-Cluster Internet-of-Things Deployment Underlaying Cellular Networks. Mobile Networks and Applications, 2020, 25, 300-313.	3.3	14
89	Energy-Efficient UAV Multicasting With Simultaneous FSO Backhaul and Power Transfer. IEEE Wireless Communications Letters, 2021, 10, 1537-1541.	5.0	14
90	Enhancing Secrecy Performance of Cooperative NOMA-Based IoT Networks via Multiantenna-Aided Artificial Noise. IEEE Internet of Things Journal, 2022, 9, 5108-5127.	8.7	14

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91	Binarized neural network for edge intelligence of sensor-based human activity recognition. IEEE Transactions on Mobile Computing, 2021, , 1-1.	5.8	14
92	Meta-Path Based Neighbors for Behavioral Target Generalization in Sequential Recommendation. IEEE Transactions on Network Science and Engineering, 2022, 9, 1658-1667.	6.4	14
93	Chip Error Pattern Analysis in IEEE 802.15.4. , 2010, , .		13
94	SID: Ship Intrusion Detection with Wireless Sensor Networks. , 2011, , .		13
95	Revolution of Self-Organizing Network for 5G MmWave Small Cell Management: From Reactive to Proactive. IEEE Wireless Communications, 2018, 25, 66-73.	9.0	13
96	Adversarial Caching Training: Unsupervised Inductive Network Representation Learning on Large-Scale Graphs. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7079-7090.	11.3	13
97	Detecting and diagnosing energy issues for mobile applications. , 2020, , .		13
98	Segmentation of Drug-Treated Cell Image and Mitochondrial-Oxidative Stress Using Deep Convolutional Neural Network. Oxidative Medicine and Cellular Longevity, 2022, 2022, 1-14.	4.0	13
99	Machine Learning-Based Multi-Layer Multi-Hop Transmission Scheme for Dense Networks. IEEE Communications Letters, 2019, 23, 2238-2242.	4.1	12
100	A Low Latency On-Body Typing System through Single Vibration Sensor. IEEE Transactions on Mobile Computing, 2020, 19, 2520-2532.	5.8	12
101	EchoWrite: An Acoustic-Based Finger Input System Without Training. IEEE Transactions on Mobile Computing, 2021, 20, 1789-1803.	5.8	12
102	Self-Training Enhanced: Network Embedding and Overlapping Community Detection With Adversarial Learning. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 6737-6748.	11.3	12
103	Phase engineering of one-dimensional defective photonic crystal and applications. Applied Physics B: Lasers and Optics, 2008, 91, 145-148.	2.2	11
104	Wideband Spectrum Adaptation Without Coordination. IEEE Transactions on Mobile Computing, 2017, 16, 243-256.	5.8	11
105	Wi-fire: Device-free fire detection using WiFi networks. , 2017, , .		11
106	Energy Efficiency Enhancement for CNN-based Deep Mobile Sensing. IEEE Wireless Communications, 2019, 26, 161-167.	9.0	11
107	WiFace: Facial Expression Recognition Using Wi-Fi Signals. IEEE Transactions on Mobile Computing, 2020, , 1-1.	5.8	11
108	Smartphone Addiction among Students and its Harmful Effects on Mental Health, Oxidative Stress, and Neurodegeneration towards Future Modulation of Anti-Addiction Therapies: A Comprehensive Survey based on SLR, Research Questions, and Network Visualization Techniques. CNS and Neurological Disorders - Drug Targets, 2023, 22, 1070-1089.	1.4	11

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109	Attachment-Learning for Multi-Channel Allocation in Distributed OFDMA-Based Networks. IEEE Transactions on Wireless Communications, 2013, 12, 1712-1721.	9.2	10
110	SimCast: Efficient video delivery in MU-MIMO WLANs. , 2014, , .		10
111	iCast: Fine-Grained Wireless Video Streaming Over Internet of Intelligent Vehicles. IEEE Internet of Things Journal, 2019, 6, 111-123.	8.7	10
112	Less Transmissions, More Throughput: Bringing Carpool to Public WLANs. IEEE Transactions on Mobile Computing, 2016, 15, 1168-1181.	5.8	9
113	Virtual Keyboard for Wearable Wristbands. , 2017, , .		9
114	Efficient Interference-Aware Power Control for Wireless Networks. Computer Networks, 2018, 136, 68-79.	5.1	9
115	Living with Artificial Intelligence: A Paradigm Shift toward Future Network Traffic Control. IEEE Network, 2018, 32, 92-99.	6.9	9
116	Machine Learning Based Dynamic Cooperative Transmission Framework for IoUT Networks. , 2019, , .		9
117	Power Saving and Secure Text Input for Commodity Smart Watches. IEEE Transactions on Mobile Computing, 2021, 20, 2281-2296.	5.8	9
118	Energy-Efficient Multiprocessor-Based Computation and Communication Resource Allocation in Two-Tier Federated Learning Networks. IEEE Internet of Things Journal, 2023, 10, 5689-5703.	8.7	9
119	Sensitive photonic crystal phase logic gates. Journal of Modern Optics, 2009, 56, 1895-1898.	1.3	8
120	Accurate Combined Keystrokes Detection Using Acoustic Signals. , 2016, , .		8
121	Spectrum Sharing Based Cognitive UAV Networks via Optimal Beamwidth Allocation. , 2019, , .		8
122	Deep Learning Based Resources Allocation for Internet-of-Things Deployment Underlaying Cellular Networks. Mobile Networks and Applications, 2020, 25, 1833-1841.	3.3	8
123	SD-seq2seq : A Deep Learning Model for Bus Bunching Prediction Based on Smart Card Data. , 2020, , .		8
124	RCSMA: Receiver-Based Carrier Sense Multiple Access in UHF RFID Systems. IEEE Transactions on Parallel and Distributed Systems, 2012, 23, 735-743.	5.6	7
125	DCEP: Data Collection Strategy with the Estimated Paths in Ocean Delay Tolerant Network. International Journal of Distributed Sensor Networks, 2014, 10, 518439.	2.2	7
126	QoE-Aware Dynamic Video Rate Adaptation. , 2015, , .		7

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127	TagFree: Passive object differentiation via physical layer radiometric signatures. , 2017, , .		7
128	EchoWrite: An Acoustic-based Finger Input System Without Training. , 2019, , .		7
129	DeepRTP: A Deep Spatio-Temporal Residual Network for Regional Traffic Prediction. , 2019, , .		7
130	Cross-Technology Communication for Heterogeneous Wireless Devices Through Symbol-Level Energy Modulation. IEEE Transactions on Mobile Computing, 2022, 21, 3926-3940.	5.8	7
131	mT-Share: A Mobility-Aware Dynamic Taxi Ridesharing System. IEEE Internet of Things Journal, 2022, 9, 182-198.	8.7	7
132	mm- Humidity: Fine-Grained Humidity Sensing with Millimeter Wave Signals. , 2018, , .		6
133	Optimal Wireless Information and Energy Transmissions for UAV-Enabled Cognitive Communication Systems. , 2018, , .		6
134	Deep Reinforcement Learning-Based Access Control for Buffer-Aided Relaying Systems With Energy Harvesting. IEEE Access, 2020, 8, 145006-145017.	4.2	6
135	Cross-Technology Communication through Symbol-Level Energy Modulation for Commercial Wireless Networks. , 2020, , .		6
136	A Trajectory-Based Gesture Recognition in Smart Homes Based on the Ultrawideband Communication System. IEEE Internet of Things Journal, 2022, 9, 22861-22873.	8.7	6
137	Digital dividend capacity in China: A developing country's case study. , 2012, , .		5
138	Wireless Rate Adaptation via Smart Pilot. , 2014, , .		5
139	TiM: Fine-Grained Rate Adaptation in WLANs. , 2014, , .		5
140	Efficient interference-aware power control in wireless ad hoc networks. , 2017, , .		5
141	Enhanced energy-efficient downlink resource allocation in green non-orthogonal multiple access systems. Computer Communications, 2019, 139, 78-90.	5.1	5
142	Space-Domain Index Modulation for mmWave Cloud Radio Access Networks. IEEE Transactions on Vehicular Technology, 2020, 69, 6215-6229.	6.3	5
143	Power-Constrained Quality Optimization for Mobile Video Chatting With Coding-Transmission Adaptation. IEEE Transactions on Mobile Computing, 2021, 20, 2862-2876.	5.8	5
144	Performance analysis of Multi-Phase cooperative NOMA systems under passive eavesdropping. Signal Processing, 2021, 182, 107934.	3.7	5

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145	WiHumidity: A Novel CSI-Based Humidity Measurement System. Lecture Notes in Computer Science, 2017, , 537-547.	1.3	5
146	Aiding a Disaster Spot via an UAV-Based Mobile AF Relay: Joint Trajectory and Power Optimization. , 2020, , .		5
147	Reuse of GSM White Space Spectrum for Cognitive Femtocell Access. , 2012, , .		4
148	Voice over the dins: Improving wireless channel utilization with collision tolerance. , 2013, , .		4
149	Embracing adjacent channel interference in next generation Wi-Fi networks. , 2016, , .		4
150	Ocean Barrier: A Floating Intrusion Detection Ocean Sensor Networks. , 2016, , .		4
151	Oinput: A Bone-Conductive QWERTY Keyboard Recognition for Wearable Device. , 2018, , .		4
152	ArmIn. , 2018, , .		4
153	FaceInput: A Hand-Free and Secure Text Entry System through Facial Vibration. , 2019, , .		4
154	Physical-Layer Security for Ambient Backscattering Internet-of-Things. Internet of Things, 2021, , 25-37.	1.7	4
155	A Portable and Convenient System for Unknown Liquid Identification With Smartphone Vibration. IEEE Transactions on Mobile Computing, 2023, 22, 1894-1911.	5.8	4
156	Towards Robust Task Assignment in Mobile Crowdsensing Systems. IEEE Transactions on Mobile Computing, 2023, 22, 4297-4313.	5.8	4
157	Anti-Jamming Strategy for Federated Learning in Internet of Medical Things: A Game Approach. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 888-899.	6.3	4
158	Decoding the collisions in RFID systems. , 2011, , .		3
159	FAST: Realizing what your neighbors are doing. , 2012, , .		3
160	LDSN: Localization scheme for double-head maritime Sensor Networks. , 2014, , .		3
161	Exploring smart pilot for partial packet recovery in super dense wireless networks. , 2015, , .		3
162	Changing channel without strings: Coordination-free wideband spectrum adaptation. , 2015, , .		3

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163	Distributed Fuzzy Rough Set for Big Data Analysis in Cloud Computing. , 2019, , .		3
164	Uplink IoT Networks: Time-Division Priority-Based Non-Orthogonal Multiple Access Approach. , 2021, , .		3
165	Application of Neural Networks for Dynamic Modeling of an Environmental-Aware Underwater Acoustic Positioning System Using Seawater Physical Properties. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
166	Attachment Learning for Multi-channel Allocation in Distributed OFDMA Networks. , 2011, , .		2
167	CUTS: Improving channel utilization in both time and spatial domains in WLANs. , 2013, , .		2
168	SmartSensing: Sensing Through Walls with Your Smartphone!. , 2014, , .		2
169	A Bayesian game model for joint pricing and spectrum allocation strategy of femtocell service providers. , 2014, , .		2
170	Piros: Pushing the Limits of Partially Concurrent Transmission in WiFi Networks. , 2015, , .		2
171	ABAid: Navigation Aid for Blind People Using Acoustic Signal. , 2017, , .		2
172	A Novel Finger-Assisted Touch-free Text Input System Without Training. , 2018, , .		2
173	Vibration-based pervasive computing and intelligent sensing. CCF Transactions on Pervasive Computing and Interaction, 2020, 2, 219-239.	2.6	2
174	Generalized Space Domain Index Modulation for mmWave Distributed Antenna Systems. IEEE Transactions on Vehicular Technology, 2020, 69, 14067-14071.	6.3	2
175	Cleaning Uncertain Data With Crowdsourcing - A General Model With Diverse Accuracy Rates. IEEE Transactions on Knowledge and Data Engineering, 2022, 34, 3629-3642.	5.7	2
176	Exploiting Multi-source Data for Adversarial Driving Style Representation Learning. Lecture Notes in Computer Science, 2021, , 491-508.	1.3	2
177	Accelerating PageRank in Shared-Memory for Efficient Social Network Graph Analytics. , 2020, , .		2
178	Sharing-Aware Task Offloading of Remote Rendering for Interactive Applications in Mobile Edge Computing. IEEE Transactions on Cloud Computing, 2023, 11, 997-1010.	4.4	2
179	A Simple Yet Effective Layered Loss for Pre-Training of Network Embedding. IEEE Transactions on Network Science and Engineering, 2022, 9, 1827-1837.	6.4	2
180	Underwater Real-time Video Transmission via Optical Channels with Swarms of AUVs. , 2021, , .		2

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181	Outage and capacity analysis of NOMA systems over dual-hop mixed powerline-wireless channels. ICT Express, 2023, 9, 601-607.	4.8	2
182	Sensor-free corner shape detection by wireless networks. , 2014, , .		1
183	QoE-Aware Dynamic Video Rate Adaptation. , 2014, , .		1
184	Quality-of-Experience-Aware Design in Next-Generation Wireless Networks [Guest Editorial]. IEEE Network, 2015, 29, 4-5.	6.9	1
185	StrLight: An Imperceptible Visible Light Communication System with String Lights. IEEE Transactions on Mobile Computing, 2019, 18, 1674-1687.	5.8	1
186	Spatial Modulation for Dense mmWave Network with Multi-Connectivity. , 2019, , .		1
187	When Wearable Sensing Meets Arm Tracking (poster). , 2019, , .		1
188	Joint Downlink-Uplink Throughput optimization in Wireless Powered Communication Networks. , 2019, , .		1
189	Adaptive Macro Spatial Modulation for mmWave Dense Networks. IEEE Wireless Communications Letters, 2019, 8, 725-728.	5.0	1
190	Towards centralized transmission coordination in WLANs: a cross-layer approach. CCF Transactions on Pervasive Computing and Interaction, 2020, 2, 126-145.	2.6	1
191	Where To: Crowd-Aided Path Selection by Selective Bayesian Network. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	1
192	Delay Performance of UAV-Based Buffer-Aided Relay Networks under Bursty Traffic: Mobile or Static?. , 2021, , .		1
193	Burstiness-Aware Web Search Analysis on Different Levels of Evidences. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1.	5.7	1
194	A Crowdsensing Based Traffic Monitoring Approach. SpringerBriefs in Computer Science, 2021, , 49-63.	0.2	1
195	Urban Traffic Monitoring from Mobility Data. SpringerBriefs in Computer Science, 2021, , 11-16.	0.2	1
196	iScreen: A Pure Software-based Screen Privacy Protection System for Mobile Devices. , 2021, , .		1
197	Delay performance of priority-queue equipped UAV-based mobile relay networks: Exploring the impact of trajectories. Computer Networks, 2022, 210, 108856.	5.1	1
198	Impact of UAV Mobility on Physical Layer Security. , 2021, , .		1

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199	QoS-Aware Scheduling of Remote Rendering for Interactive Multimedia Applications in Edge Computing. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 3816-3832.	5.6	1
200	Combatting Energy Issues for Mobile Applications. ACM Transactions on Software Engineering and Methodology, 2023, 32, 1-44.	6.0	1
201	Reinforcement Learning-Based Adaptive Switching Scheme for Hybrid Optical-Acoustic AUV Mobile Network. Wireless Communications and Mobile Computing, 2022, 2022, 1-14.	1.2	1
202	Knowledge-Assisted DRL for Energy Harvesting Based Multi-Access Wireless Communications. , 2021, , .		1
203	The Ultra-Wideband Communication System: A Human Gesture Recognition Approach. , 2021, , .		1
204	EchoWrite 2.0: A Lightweight Zero-Shot Text-Entry System Based on Acoustics. IEEE Transactions on Human-Machine Systems, 2022, 52, 1313-1326.	3.5	1
205	FCM: Frequency domain Cooperative sensing and Multi-channel contention for CRAHNs. , 2012, , .		0
206	FC-MAC: Fine-grained cognitive MAC for wireless video streaming. , 2014, , .		0
207	ADAS: Adjust directional antenna with sensor hints. , 2014, , .		0
208	Less Transmissions, More Throughput: Bringing Carpool to Public WLANs. , 2015, , .		0
209	Hash Division Multiple Access. , 2016, , .		0
210	Exploit concurrent transmissions through discernible interference cancellation. , 2017, , .		0
211	SIDE: Semi-Distributed Mechanical Equilibrium Based UAV Deployment. , 2018, , .		0
212	Revisiting of Channel Access Mechanisms in Mobile Wireless Networks through Exploiting Physical Layer Technologies. Wireless Communications and Mobile Computing, 2018, 2018, 1-16.	1.2	0
213	On Exploiting Concurrent Transmissions Through Discernible Interference Cancellation. IEEE Transactions on Vehicular Technology, 2018, 67, 9370-9384.	6.3	0
214	Uplink Throughput Maximization for Low Latency in Wireless Powered Communication Networks. , 2019, , .		0
215	A Dynamic Correlation Modeling Based Traffic Monitoring Approach. SpringerBriefs in Computer Science, 2021, , 31-47.	0.2	0
216	Introduction to Underwater Communication and IoUT Networks. SpringerBriefs in Computer Science, 2021, , 1-8.	0.2	0

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217	Articulation Motion Sensing for Pronunciation Training. , 2021, , .		0
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