Min Chen

List of Publications by Year
in descending order

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401 papers	27,144 citations	7551 77 h-index	7718 150 g-index
422 all docs	422 docs citations	422 times ranked	23945 citing authors

#	Article	IF	Citations
1	Big Data: A Survey. Mobile Networks and Applications, 2014, 19, 171-209.	2.2	2,248
2	The mental health of medical workers in Wuhan, China dealing with the 2019 novel coronavirus. Lancet Psychiatry,the, 2020, 7, e14.	3.7	1,360
3	Body Area Networks: A Survey. Mobile Networks and Applications, 2011, 16, 171-193.	2.2	1,068
4	Impact on mental health and perceptions of psychological care among medical and nursing staff in Wuhan during the 2019 novel coronavirus disease outbreak: A cross-sectional study. Brain, Behavior, and Immunity, 2020, 87, 11-17.	2.0	1,068
5	Cache in the air: exploiting content caching and delivery techniques for 5G systems. , 2014, 52, 131-139.		920
6	Brain Intelligence: Go beyond Artificial Intelligence. Mobile Networks and Applications, 2018, 23, 368-375.	2.2	807
7	Task Offloading for Mobile Edge Computing in Software Defined Ultra-Dense Network. IEEE Journal on Selected Areas in Communications, 2018, 36, 587-597.	9.7	796
8	Disease Prediction by Machine Learning Over Big Data From Healthcare Communities. IEEE Access, 2017, 5, 8869-8879.	2.6	786
9	Vehicular Fog Computing: A Viewpoint of Vehicles as the Infrastructures. IEEE Transactions on Vehicular Technology, 2016, 65, 3860-3873.	3.9	745
10	In-Edge AI: Intelligentizing Mobile Edge Computing, Caching and Communication by Federated Learning. IEEE Network, 2019, 33, 156-165.	4.9	645
11	SOVCAN: Safety-Oriented Vehicular Controller Area Network. IEEE Communications Magazine, 2017, 55, 94-99.	4.9	492
12	A Survey on Internet of Things From Industrial Market Perspective. IEEE Access, 2014, 2, 1660-1679.	2.6	475
13	Software-Defined Network Function Virtualization: A Survey. IEEE Access, 2015, 3, 2542-2553.	2.6	421
14	Hierarchical-morphology metafabric for scalable passive daytime radiative cooling. Science, 2021, 373, 692-696.	6.0	410
15	Narrow Band Internet of Things. IEEE Access, 2017, 5, 20557-20577.	2.6	342
16	Smart Clothing: Connecting Human with Clouds and Big Data for Sustainable Health Monitoring. Mobile Networks and Applications, 2016, 21, 825-845.	2.2	320
17	A Survey of Green Mobile Networks: Opportunities and Challenges. Mobile Networks and Applications, 2012, 17, 4-20.	2.2	265
18	Wearable 2.0: Enabling Human-Cloud Integration in Next Generation Healthcare Systems. , 2017, 55, 54-61.		252

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19	Deep Feature Learning for Medical Image Analysis with Convolutional Autoencoder Neural Network. IEEE Transactions on Big Data, 2021, 7, 750-758.	4.4	247
20	A Survey of Recent Developments in Home M2M Networks. IEEE Communications Surveys and Tutorials, 2014, 16, 98-114.	24.8	234
21	Edge cognitive computing based smart healthcare system. Future Generation Computer Systems, 2018, 86, 403-411.	4.9	225
22	Energy Efficient Task Caching and Offloading for Mobile Edge Computing. IEEE Access, 2018, 6, 11365-11373.	2.6	217
23	On the computation offloading at ad hoc cloudlet: architecture and service modes. , 2015, 53, 18-24.		205
24	Enhanced Fingerprinting and Trajectory Prediction for IoT Localization in Smart Buildings. IEEE Transactions on Automation Science and Engineering, 2016, 13, 1294-1307.	3.4	204
25	5G-Smart Diabetes: Toward Personalized Diabetes Diagnosis with Healthcare Big Data Clouds. IEEE Communications Magazine, 2018, 56, 16-23.	4.9	194
26	Cognitive Internet of Vehicles. Computer Communications, 2018, 120, 58-70.	3.1	193
27	iDoctor: Personalized and professionalized medical recommendations based on hybrid matrix factorization. Future Generation Computer Systems, 2017, 66, 30-35.	4.9	189
28	Applications and design issues for mobile agents in wireless sensor networks. IEEE Wireless Communications, 2007, 14, 20-26.	6.6	184
29	Rethinking energy efficiency models of cellular networks with embodied energy. IEEE Network, 2011, 25, 40-49.	4.9	175
30	Data-Driven Computing and Caching in 5G Networks: Architecture and Delay Analysis. IEEE Wireless Communications, 2018, 25, 70-75.	6.6	169
31	Cognitive Computing: Architecture, Technologies and Intelligent Applications. IEEE Access, 2018, 6, 19774-19783.	2.6	166
32	Real-Time Locating Systems Using Active RFID for Internet of Things. IEEE Systems Journal, 2016, 10, 1226-1235.	2.9	165
33	EMC: Emotion-aware mobile cloud computing in 5G. IEEE Network, 2015, 29, 32-38.	4.9	164
34	A Markov Decision Process-based service migration procedure for follow me cloud. , 2014, , .		159
35	Directional geographical routing for real-time video communications in wireless sensor networks. Computer Communications, 2007, 30, 3368-3383.	3.1	156
36	Machine-to-Machine Communications: Architectures, Standards and Applications. KSII Transactions on Internet and Information Systems, 2012, , .	0.7	154

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37	From machine-to-machine communications towards cyber-physical systems. Computer Science and Information Systems, 2013, 10, 1105-1128.	0.7	148
38	Green and Mobility-Aware Caching in 5G Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8347-8361.	6.1	147
39	Balance of security strength and energy for a PMU monitoring system in smart grid. IEEE Communications Magazine, 2012, 50, 142-149.	4.9	144
40	Energy-Efficiency Optimization for MIMO-OFDM Mobile Multimedia Communication Systems With QoS Constraints. IEEE Transactions on Vehicular Technology, 2014, 63, 2127-2138.	3.9	143
41	Virtual MIMO-Based Cross-Layer Design for Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2006, 55, 856-864.	3.9	140
42	CAP: community activity prediction based on big data analysis. IEEE Network, 2014, 28, 52-57.	4.9	139
43	Mobility-Aware Caching and Computation Offloading in 5G Ultra-Dense Cellular Networks. Sensors, 2016, 16, 974.	2.1	138
44	AIWAC: affective interaction through wearable computing and cloud technology. IEEE Wireless Communications, 2015, 22, 20-27.	6.6	136
45	Underwater Optical Image Processing: a Comprehensive Review. Mobile Networks and Applications, 2017, 22, 1204-1211.	2.2	135
46	A Dynamic Service Migration Mechanism in Edge Cognitive Computing. ACM Transactions on Internet Technology, 2019, 19, 1-15.	3.0	134
47	Energy Efficient Cooperative Computing in Mobile Wireless Sensor Networks. IEEE Transactions on Cloud Computing, 2018, 6, 114-126.	3.1	132
48	Energy Efficient Security Algorithm for Power Grid Wide Area Monitoring System. IEEE Transactions on Smart Grid, 2011, 2, 715-723.	6.2	128
49	eTime: Energy-efficient transmission between cloud and mobile devices. , 2013, , .		128
50	Edge-CoCaCo: Toward Joint Optimization of Computation, Caching, and Communication on Edge Cloud. IEEE Wireless Communications, 2018, 25, 21-27.	6.6	128
51	A 2G-RFID-based e-healthcare system. IEEE Wireless Communications, 2010, 17, 37-43.	6.6	127
52	Software-defined internet of things for smart urban sensing. , 2015, 53, 55-63.		127
53	Big Data: Tutorial and guidelines on information and process fusion for analytics algorithms with MapReduce. Information Fusion, 2018, 42, 51-61.	11.7	122
54	SPHA: Smart Personal Health Advisor Based on Deep Analytics. IEEE Communications Magazine, 2018, 56, 164-169.	4.9	121

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55	Mobile Agent Based Wireless Sensor Networks. Journal of Computers, 2006, 1, .	0.4	117
56	Emotion Communication System. IEEE Access, 2017, 5, 326-337.	2.6	116
57	A 5G Cognitive System for Healthcare. Big Data and Cognitive Computing, 2017, 1, 2.	2.9	110
58	Mobile Agent-Based Directed Diffusion in Wireless Sensor Networks. Eurasip Journal on Advances in Signal Processing, 2006, 2007, 1.	1.0	106
59	A snapshot research and implementation of multimodal information fusion for data-driven emotion recognition. Information Fusion, 2020, 53, 209-221.	11.7	106
60	Cold-Start Recommendation Using Bi-Clustering and Fusion for Large-Scale Social Recommender Systems. IEEE Transactions on Emerging Topics in Computing, 2014, 2, 239-250.	3.2	105
61	Hybrid Geographic Routing for Flexible Energyâ€"Delay Tradeoff. IEEE Transactions on Vehicular Technology, 2009, 58, 4976-4988.	3.9	104
62	Label-less Learning for Traffic Control in an Edge Network. IEEE Network, 2018, 32, 8-14.	4.9	104
63	AMES-Cloud: A Framework of Adaptive Mobile Video Streaming and Efficient Social Video Sharing in the Clouds. IEEE Transactions on Multimedia, 2013, 15, 811-820.	5.2	103
64	Urban Healthcare Big Data System Based on Crowdsourced and Cloud-Based Air Quality Indicators. IEEE Communications Magazine, 2018, 56, 14-20.	4.9	103
65	Towards smart city: M2M communications with software agent intelligence. Multimedia Tools and Applications, 2013, 67, 167-178.	2.6	96
66	Cloud-based Wireless Network: Virtualized, Reconfigurable, Smart Wireless Network to Enable 5G Technologies. Mobile Networks and Applications, 2015, 20, 704-712.	2.2	96
67	Audio-visual emotion fusion (AVEF): A deep efficient weighted approach. Information Fusion, 2019, 46, 184-192.	11.7	96
68	TOSS: Traffic offloading by social network service-based opportunistic sharing in mobile social networks. , 2014, , .		94
69	A Novel Cluster-Based Cooperative MIMO Scheme for Multi-Hop Wireless Sensor Networks. Eurasip Journal on Wireless Communications and Networking, 2006, 2006, 1.	1.5	93
70	Opportunistic Task Scheduling over Co-Located Clouds in Mobile Environment. IEEE Transactions on Services Computing, 2018, 11, 549-561.	3.2	93
71	Label-less Learning for Emotion Cognition. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-11.	7.2	93
72	Software-Defined Mobile Networks Security. Mobile Networks and Applications, 2016, 21, 729-743.	2.2	92

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73	Mobility Support for Health Monitoring at Home Using Wearable Sensors. IEEE Transactions on Information Technology in Biomedicine, 2011, 15, 539-549.	3.6	91
74	Throughput and Delay Analysis of IEEE 802.15.6-based CSMA/CA Protocol. Journal of Medical Systems, 2012, 36, 3875-3891.	2.2	91
75	Energy-efficient differentiated directed diffusion (EDDD) in wireless sensor networks. Computer Communications, 2006, 29, 231-245.	3.1	89
76	Enabling technologies for future data center networking: a primer. IEEE Network, 2013, 27, 8-15.	4.9	88
77	A novel pre-cache schema for high performance Android system. Future Generation Computer Systems, 2016, 56, 766-772.	4.9	87
78	Smart Home 2.0: Innovative Smart Home System Powered by Botanical IoT and Emotion Detection. Mobile Networks and Applications, 2017, 22, 1159-1169.	2.2	87
79	WE-CARE: An Intelligent Mobile Telecardiology System to Enable mHealth Applications. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 693-702.	3.9	86
80	Wearable Affective Robot. IEEE Access, 2018, 6, 64766-64776.	2.6	86
81	Cognitive-LPWAN: Towards Intelligent Wireless Services in Hybrid Low Power Wide Area Networks. IEEE Transactions on Green Communications and Networking, 2019, 3, 409-417.	3.5	86
82	Balancing energy consumption with mobile agents in wireless sensor networks. Future Generation Computer Systems, 2012, 28, 446-456.	4.9	81
83	Itinerary Planning for Energy-Efficient Agent Communications in Wireless Sensor Networks. IEEE Transactions on Vehicular Technology, 2011, 60, 3290-3299.	3.9	79
84	NDNC-BAN: Supporting rich media healthcare services via named data networking in cloud-assisted wireless body area networks. Information Sciences, 2014, 284, 142-156.	4.0	79
85	Energy Optimization With Dynamic Task Scheduling Mobile Cloud Computing. IEEE Systems Journal, 2017, 11, 96-105.	2.9	75
86	Cognitive information measurements: A new perspective. Information Sciences, 2019, 505, 487-497.	4.0	74
87	Reliable and energy-efficient routing protocol in dense wireless sensor networks. International Journal of Sensor Networks, 2008, 4, 104.	0.2	72
88	SA-EAST. Transactions on Embedded Computing Systems, 2017, 16, 1-22.	2.1	72
89	TIDE: Time-relevant deep reinforcement learning for routing optimization. Future Generation Computer Systems, 2019, 99, 401-409.	4.9	71
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92	Security protection between users and the mobile media cloud. , 2014, 52, 73-79.		63
93	NetTopo: A framework of simulation and visualization for wireless sensor networks. Ad Hoc Networks, 2011, 9, 799-820.	3.4	62
94	Energy-Efficient Distributed Relay and Power Control in Cognitive Radio Cooperative Communications. IEEE Journal on Selected Areas in Communications, 2013, 31, 2442-2452.	9.7	62
95	A Distributed Position-Based Protocol for Emergency Messages Broadcasting in Vehicular Ad Hoc Networks. IEEE Internet of Things Journal, 2018, 5, 1218-1227.	5.5	62
96	Emotion-Aware Multimedia Systems Security. IEEE Transactions on Multimedia, 2019, 21, 617-624.	5.2	61
97	Living with I-Fabric: Smart Living Powered by Intelligent Fabric and Deep Analytics. IEEE Network, 2020, 34, 156-163.	4.9	61
98	Secure Enforcement in Cognitive Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 1242-1250.	5.5	59
99	Blind Filtering at Third Parties: An Efficient Privacy-Preserving Framework for Location-Based Services. IEEE Transactions on Mobile Computing, 2018, 17, 2524-2535.	3.9	59
100	Privacy Protection and Intrusion Avoidance for Cloudlet-Based Medical Data Sharing. IEEE Transactions on Cloud Computing, 2020, 8, 1274-1283.	3.1	55
101	Code-Centric RFID System Based on Software Agent Intelligence. IEEE Intelligent Systems, 2010, 25, 12-19.	4.0	54
102	Intelligent Traffic Adaptive Resource Allocation for Edge Computing-Based 5G Networks. IEEE Transactions on Cognitive Communications and Networking, 2020, 6, 499-508.	4.9	54
103	Self-Organized Relay Selection for Cooperative Transmission in Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9534-9549.	3.9	53
104	Buffer State is Enough: Simplifying the Design of QoE-Aware HTTP Adaptive Video Streaming. IEEE Transactions on Broadcasting, 2018, 64, 590-601.	2.5	53
105	AI-Skin: Skin disease recognition based on self-learning and wide data collection through a closed-loop framework. Information Fusion, 2020, 54, 1-9.	11.7	53
106	The introduction of population migration to SEIAR for COVID-19 epidemic modeling with an efficient intervention strategy. Information Fusion, 2020, 64, 252-258.	11.7	53
107	NextMe: Localization Using Cellular Traces in Internet of Things. IEEE Transactions on Industrial Informatics, 2015, 11, 302-312.	7.2	51
108	Metaheuristic Algorithms for Healthcare: Open Issues and Challenges. Computers and Electrical Engineering, 2016, 53, 421-434.	3.0	50

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109	An Integrated Biometric-Based Security Framework Using Wavelet-Domain HMM in Wireless Body Area Networks (WBAN). , 2011, , .		48
110	An Optimal Pricing Scheme for the Energy-Efficient Mobile Edge Computation Offloading With OFDMA. IEEE Communications Letters, 2018, 22, 1922-1925.	2.5	48
111	Coping With Emerging Mobile Social Media Applications Through Dynamic Service Function Chaining. IEEE Transactions on Wireless Communications, 2016, 15, 2859-2871.	6.1	47
112	Online Cloud Transcoding and Distribution for Crowdsourced Live Game Video Streaming. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1777-1789.	5.6	46
113	PWDGR: Pair-Wise Directional Geographical Routing Based on Wireless Sensor Network. IEEE Internet of Things Journal, 2015, 2, 14-22.	5.5	44
114	ASA: Against statistical attacks for privacy-aware users in Location Based Service. Future Generation Computer Systems, 2017, 70, 48-58.	4.9	43
115	From cloud-based communications to cognition-based communications: A computing perspective. Computer Communications, 2018, 128, 74-79.	3.1	43
116	Statistical Learning for Anomaly Detection in Cloud Server Systems: A Multi-Order Markov Chain Framework. IEEE Transactions on Cloud Computing, 2018, 6, 401-413.	3.1	40
117	Deep Reinforcement Learning for Edge Service Placement in Softwarized Industrial Cyber-Physical System. IEEE Transactions on Industrial Informatics, 2021, 17, 5552-5561.	7.2	40
118	FGPC. , 2014, , .		39
119	Multimodal feature-wise co-attention method for visual question answering. Information Fusion, 2021, 73, 1-10.	11.7	38
120	Multi-Agent Itinerary Planning for Wireless Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2009, , 584-597.	0.2	38
121	On Achieving Cost-Effective Adaptive Cloud Gaming in Geo-Distributed Data Centers. IEEE Transactions on Circuits and Systems for Video Technology, 2015, 25, 2064-2077.	5.6	36
122	User behaviour modeling, recommendations, and purchase prediction during shopping festivals. Electronic Markets, 2019, 29, 263-274.	4.4	36
123	Multifunctional Fiberâ€Enabled Intelligent Health Agents. Advanced Materials, 2022, 34, .	11.1	36
124	Receiver-oriented load-balancing and reliable routing in wireless sensor networks. Wireless Communications and Mobile Computing, 2009, 9, 405-416.	0.8	35
125	A unified control and optimization framework for dynamical service chaining in software-defined NFV system. IEEE Wireless Communications, 2015, 22, 15-23.	6.6	35
126	Job schedulers for Big data processing in Hadoop environment: testing real-life schedulers using benchmark programs. Digital Communications and Networks, 2017, 3, 260-273.	2.7	35

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127	Data dissemination based on mobile agent in wireless sensor networks. , 2005, , .		34
128	Balanced Itinerary Planning for Multiple Mobile Agents in Wireless Sensor Networks. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2010, , 416-428.	0.2	33
129	Cross-Layer and Path Priority Scheduling Based Real-Time Video Communications over Wireless Sensor Networks. IEEE Vehicular Technology Conference, 2008, , .	0.2	32
130	Adaptive traffic load-balancing for green cellular networks. , 2011, , .		32
131	Enabling low bit-rate and reliable video surveillance over practical wireless sensor network. Journal of Supercomputing, 2013, 65, 287-300.	2.4	31
132	Fairness Resource Allocation in Blind Wireless Multimedia Communications. IEEE Transactions on Multimedia, 2013, 15, 946-956.	5.2	31
133	Mobility prediction in telecom cloud using mobile calls. IEEE Wireless Communications, 2014, 21, 26-32.	6.6	31
134	Mobile cellular big data: linking cyberspace and the physical world with social ecology. IEEE Network, 2016, 30, 6-12.	4.9	31
135	Social-aware energy efficiency optimization for device-to-device communications in 5G networks. Computer Communications, 2018, 120, 102-111.	3.1	31
136	Multi-stages hybrid ARQ with conditional frame skipping and reference frame selecting scheme for real-time video transport over wireless LAN. IEEE Transactions on Consumer Electronics, 2004, 50, 158-167.	3.0	30
137	A Genetic Algorithm Approach to Multi-Agent Itinerary Planning in Wireless Sensor Networks. Mobile Networks and Applications, 2011, 16, 782-793.	2.2	30
138	Modeling for Information Diffusion in Online Social Networks via Hydrodynamics. IEEE Access, 2017, 5, 128-135.	2.6	29
139	Directional Controlled Fusion in Wireless Sensor Networks. Mobile Networks and Applications, 2009, 14, 220-229.	2.2	28
140	Content dissemination by pushing and sharing in mobile cellular networks: An analytical study. , 2012, , .		28
141	Mobile traffic offloading by exploiting social network services and leveraging opportunistic device-to-device sharing. IEEE Wireless Communications, 2014, 21, 28-36.	6.6	28
142	Cooperative communications with relay selection for wireless networks: design issues and applications. Wireless Communications and Mobile Computing, 2013, 13, 745-759.	0.8	27
143	Profit Maximization for Video Caching and Processing in Edge Cloud. IEEE Journal on Selected Areas in Communications, 2019, 37, 1632-1641.	9.7	27
144	Mobile multimedia sensor networks: architecture and routing. Eurasip Journal on Wireless Communications and Networking, 2011, 2011, .	1.5	26

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145	A survey of security visualization for computer network logs. Security and Communication Networks, 2012, 5, 404-421.	1.0	26
146	Reliability-Aware Joint Optimization for Cooperative Vehicular Communication and Computing. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 5437-5446.	4.7	26
147	MRL-CC: a novel cooperative communication protocol for QoS provisioning in wireless sensor networks. International Journal of Sensor Networks, 2010, 8, 98.	0.2	25
148	Wireless Fractal Ultra-Dense Cellular Networks. Sensors, 2017, 17, 841.	2.1	25
149	Temporal-Spatial Mobile Application Usage Understanding and Popularity Prediction for Edge Caching. IEEE Wireless Communications, 2018, 25, 36-42.	6.6	25
150	Energy-Delay Evaluation and Optimization for NB-IoT PSM With Periodic Uplink Reporting. IEEE Access, 2019, 7, 3074-3081.	2.6	25
151	DeepFocus: Deep Encoding Brainwaves and Emotions with Multi-Scenario Behavior Analytics for Human Attention Enhancement. IEEE Network, 2019, 33, 70-77.	4.9	25
152	Spatial-Temporal relation-based Energy-Efficient Reliable routing protocol in wireless sensor networks. International Journal of Sensor Networks, 2009, 5, 129.	0.2	24
153	Next Generation Mobile Cloud Gaming. , 2013, , .		24
154	A Cognitive Platform for Mobile Cloud Gaming. , 2013, , .		24
155	Welcome to the New Interdisciplinary Journal Combining Big Data and Cognitive Computing. Big Data and Cognitive Computing, 2017, 1, 1.	2.9	24
156	Large-Scale Mobile Fitness App Usage Analysis for Smart Health. IEEE Communications Magazine, 2018, 56, 46-52.	4.9	24
157	Proactive Cache-Based Location Privacy Preserving for Vehicle Networks. IEEE Wireless Communications, 2018, 25, 77-83.	6.6	24
158	P-FedAvg: Parallelizing Federated Learning with Theoretical Guarantees. , 2021, , .		24
159	Deep Reinforcement Learning for Scenario-Based Robust Economic Dispatch Strategy in Internet of Energy. IEEE Internet of Things Journal, 2021, 8, 9654-9663.	5.5	24
160	ROCHAS: Robotics and Cloud-assisted Healthcare System for Empty Nester. , 2013, , .		24
161	AMVSC: A framework of adaptive mobile video streaming in the cloud. , 2012, , .		23
162	A Collaborative Computing Framework of Cloud Network and WBSN Applied to Fall Detection and 3-D Motion Reconstruction. IEEE Journal of Biomedical and Health Informatics, 2014, 18, 457-466.	3.9	23

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163	Emotion-Aware Video QoE Assessment Via Transfer Learning. IEEE MultiMedia, 2019, 26, 31-40.	1.5	23
164	6G Cognitive Information Theory: A Mailbox Perspective. Big Data and Cognitive Computing, 2021, 5, 56.	2.9	23
165	Towards collusion-attack-resilient group key management using one-way function tree. Computer Networks, 2016, 104, 16-26.	3.2	22
166	Depression Analysis and Recognition Based on Functional Near-Infrared Spectroscopy. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4289-4299.	3.9	22
167	Frame-Based Medium Access Control for 5G Wireless Networks. Mobile Networks and Applications, 2015, 20, 763-772.	2.2	21
168	Energy Efficiency Evaluation of Multi-Tier Cellular Uplink Transmission Under Maximum Power Constraint. IEEE Transactions on Wireless Communications, 2017, 16, 7092-7107.	6.1	21
169	Profit Maximization through Online Advertising Scheduling for a Wireless Video Broadcast Network. IEEE Transactions on Mobile Computing, 2016, 15, 2064-2079.	3.9	20
170	SCAI-SVSC: Smart clothing for effective interaction with a sustainable vital sign collection. Future Generation Computer Systems, 2018, 86, 329-338.	4.9	20
171	A cross-layer design for a software-defined millimeter-wave mobile broadband system. , 2016, 54, 124-130.		19
172	Combining cross-modal knowledge transfer and semi-supervised learning for speech emotion recognition. Knowledge-Based Systems, 2021, 229, 107340.	4.0	19
173	Related Technologies. SpringerBriefs in Computer Science, 2014, , 11-18.	0.2	19
174	Forming priority based and energy balanced ZigBee networksâ€"a pricing approach. Telecommunication Systems, 2011, 52, 1281.	1.6	18
175	A Network Coding Based Routing Protocol for Underwater Sensor Networks. Sensors, 2012, 12, 4559-4577.	2.1	18
176	Body Area Networks. Springer Series on Chemical Sensors and Biosensors, 2012, , 17-37.	0.5	18
177	Attention-Based Gait Recognition and Walking Direction Estimation in Wi-Fi Networks. IEEE Transactions on Mobile Computing, 2022, 21, 465-479.	3.9	18
178	Negative Information Measurement at AI Edge: A New Perspective for Mental Health Monitoring. ACM Transactions on Internet Technology, 2022, 22, 1-16.	3.0	18
179	Distribution of PAR in DMT systems. Electronics Letters, 2003, 39, 799.	0.5	17
180	Directional source grouping for multi-agent itinerary planning in wireless sensor networks. , 2010, , .		17

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181	Distributed multi-hop cooperative communication inÂdense wireless sensor networks. Journal of Supercomputing, 2011, 56, 353-369.	2.4	17
182	iTaskOffloading: Intelligent Task Offloading for a Cloud-Edge Collaborative System. IEEE Network, 2019, 33, 82-88.	4.9	17
183	CHPC: A complex semantic-based secured approach to heritage preservation and secure IoT-based museum processes. Computer Communications, 2019, 148, 240-249.	3.1	17
184	CreativeBioMan: A Brain- and Body-Wearable, Computing-Based, Creative Gaming System. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 14-22.	1.2	17
185	Deep interaction: Wearable robot-assisted emotion communication for enhancing perception and expression ability of children with Autism Spectrum Disorders. Future Generation Computer Systems, 2020, 108, 709-716.	4.9	17
186	Virtual Coordinates Based Routing in Wireless Sensor Networks. Sensor Letters, 2006, 4, 325-330.	0.4	17
187	Advances in Mobile Cloud Computing. Mobile Networks and Applications, 2014, 19, 131-132.	2.2	16
188	Graph Theory Based Capacity Analysis for Vehicular Ad Hoc Networks. , 2015, , .		16
189	A DSRC-Based Vehicular Positioning Enhancement Using a Distributed Multiple-Model Kalman Filter. IEEE Access, 2016, 4, 8338-8350.	2.6	16
190	Learning-Driven Decentralized Machine Learning in Resource-Constrained Wireless Edge Computing. , 2021, , .		16
191	Cognitive Wearable Robotics for Autism Perception Enhancement. ACM Transactions on Internet Technology, 2021, 21, 1-16.	3.0	16
192	Robot swarm communication networks: Architectures, protocols, and applications. , 2008, , .		15
193	Characterizing the gaming traffic of World of Warcraft: From game scenarios to network access technologies. IEEE Network, 2012, 26, 27-34.	4.9	15
194	PPP. , 2014, , .		15
195	Cognitive-Caching: Cognitive Wireless Mobile Caching by Learning Fine-Grained Caching-Aware Indicators. IEEE Wireless Communications, 2020, 27, 100-106.	6.6	15
196	Intelligent Task Caching in Edge Cloud via Bandit Learning. IEEE Transactions on Network Science and Engineering, 2021, 8, 625-637.	4.1	15
197	Energy-Efficient and Context-Aware Smartphone Sensor Employment. IEEE Transactions on Vehicular Technology, 2015, 64, 4230-4244.	3.9	14
198	A Science Gateway Cloud With Cost-Adaptive VM Management for Computational Science and Applications. IEEE Systems Journal, 2017, 11, 173-185.	2.9	14

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200	Advances in multimedia communications. International Journal of Communication Systems, 2011, 24, 1243-1245.	1.6	13
201	A Novel Web-enabled Healthcare Solution on HealthVault System. Journal of Medical Systems, 2012, 36, 1095-1105.	2.2	13
202	Power-efficient video encoding on resource-limited systems: A game-theoretic approach. Future Generation Computer Systems, 2012, 28, 427-436.	4.9	13
203	Big Data Analysis. SpringerBriefs in Computer Science, 2014, , 51-58.	0.2	13
204	CP-Robot: Cloud-Assisted Pillow Robot for Emotion Sensing and Interaction. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2016, , 81-93.	0.2	13
205	Personalized Multimedia Recommendations for Cloud-Integrated Cyber-Physical Systems. IEEE Systems Journal, 2017, 11, 106-117.	2.9	13
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