

Min Chen

List of Publications by Year in descending order

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403
papers

27,144
citations

7568

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422
all docs

422
docs citations

422
times ranked

23945
citing authors

#	ARTICLE	IF	CITATIONS
1	Intelligent Fabric Enabled 6G Semantic Communication System for In-Cabin Scenarios. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 1153-1162.	8.0	3
2	Quantifying the Influence of Intermittent Connectivity on Mobile Edge Computing. IEEE Transactions on Cloud Computing, 2022, 10, 619-632.	4.4	9
3	A Sustainable Multi-Modal Multi-Layer Emotion-Aware Service at the Edge. IEEE Transactions on Sustainable Computing, 2022, 7, 324-333.	3.1	3
4	Attention-Based Gait Recognition and Walking Direction Estimation in Wi-Fi Networks. IEEE Transactions on Mobile Computing, 2022, 21, 465-479.	5.8	18
5	ILAS-IoT: An improved and lightweight authentication scheme for IoT deployment. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 5123-5135.	4.9	8
6	<i>RAP</i>: A Light-Weight Privacy-Preserving Framework for Recommender Systems. IEEE Transactions on Services Computing, 2022, 15, 2969-2981.	4.6	4
7	Collaborative Cloud-Edge Service Cognition Framework for DNN Configuration Toward Smart IIoT. IEEE Transactions on Industrial Informatics, 2022, 18, 7038-7047.	11.3	9
8	MER-WearNet: Medical-Emergency Response Wearable Networking Powered by UAV-Assisted Computing Offloading and WPT. IEEE Transactions on Network Science and Engineering, 2022, 9, 299-309.	6.4	9
9	Adjuvant Therapy System of COVID-19 Patient: Integrating Warning, Therapy, Post-Therapy Psychological Intervention. IEEE Transactions on Network Science and Engineering, 2022, 9, 247-257.	6.4	1
10	Generative adversarial network based abnormal behavior detection in massive crowd videos: a Hajj case study. Journal of Ambient Intelligence and Humanized Computing, 2022, 13, 4077-4088.	4.9	13
11	Decentralized Machine Learning Through Experience-Driven Method in Edge Networks. IEEE Journal on Selected Areas in Communications, 2022, 40, 515-531.	14.0	7
12	Joint Data Collection and Resource Allocation for Distributed Machine Learning at the Edge. IEEE Transactions on Mobile Computing, 2022, 21, 2876-2894.	5.8	6
13	Non-Uniform Pricing and Resource Allocation Economics for HetNet Based on Stackelberg Game. IEEE Communications Letters, 2022, 26, 632-636.	4.1	3
14	A Multi-feature and Time-aware-based Stress Evaluation Mechanism for Mental Status Adjustment. ACM Transactions on Multimedia Computing, Communications and Applications, 2022, 18, 1-18.	4.3	5
15	Optimizing Video Caching at the Edge: A Hybrid Multi-Point Process Approach. IEEE Transactions on Parallel and Distributed Systems, 2022, , 1-1.	5.6	3
16	Decentralized Machine Autonomy for Manufacturing Servitization. Sensors, 2022, 22, 338.	3.8	6
17	Negative Information Measurement at AI Edge: A New Perspective for Mental Health Monitoring. ACM Transactions on Internet Technology, 2022, 22, 1-16.	4.4	18
18	Incentive-Aware Autonomous Client Participation in Federated Learning. IEEE Transactions on Parallel and Distributed Systems, 2022, 33, 2612-2627.	5.6	6

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19	Accelerating Federated Learning via Parallel Servers: A Theoretically Guaranteed Approach. IEEE/ACM Transactions on Networking, 2022, 30, 2201-2215.	3.8	1
20	Accelerating Decentralized Federated Learning in Heterogeneous Edge Computing. IEEE Transactions on Mobile Computing, 2022, , 1-1.	5.8	8
21	Active Perception in Non-Visual Recognition Environments by Stretchable Tentacle Sensor Arrays. ACS Applied Materials & Interfaces, 2022, 14, 26913-26922.	8.0	1
22	Abnormal Behavior Learning Based on Edge Computing toward a Crowd Monitoring System. IEEE Network, 2022, 36, 90-96.	6.9	3
23	Multifunctional Fiber-Enabled Intelligent Health Agents. Advanced Materials, 2022, 34, .	21.0	36
24	Deep Feature Learning for Medical Image Analysis with Convolutional Autoencoder Neural Network. IEEE Transactions on Big Data, 2021, 7, 750-758.	6.1	247
25	Integrating Social Networks with Mobile Device-to-Device Services. IEEE Transactions on Services Computing, 2021, 14, 1209-1223.	4.6	6
26	Collaboratively Replicating Encoded Content on RSUs to Enhance Video Services for Vehicles. IEEE Transactions on Mobile Computing, 2021, 20, 877-892.	5.8	3
27	Semantics-Aware Privacy Risk Assessment Using Self-Learning Weight Assignment for Mobile Apps. IEEE Transactions on Dependable and Secure Computing, 2021, 18, 15-29.	5.4	8
28	Smart Micro-GaS: A Cognitive Micro Natural Gas Industrial Ecosystem Based on Mixed Blockchain and Edge Computing. IEEE Internet of Things Journal, 2021, 8, 2289-2299.	8.7	7
29	Intelligent Task Caching in Edge Cloud via Bandit Learning. IEEE Transactions on Network Science and Engineering, 2021, 8, 625-637.	6.4	15
30	Depression Analysis and Recognition Based on Functional Near-Infrared Spectroscopy. IEEE Journal of Biomedical and Health Informatics, 2021, 25, 4289-4299.	6.3	22
31	Learning-Driven Decentralized Machine Learning in Resource-Constrained Wireless Edge Computing. , 2021, , .		16
32	P-FedAvg: Parallelizing Federated Learning with Theoretical Guarantees. , 2021, , .		24
33	Deep Reinforcement Learning for Scenario-Based Robust Economic Dispatch Strategy in Internet of Energy. IEEE Internet of Things Journal, 2021, 8, 9654-9663.	8.7	24
34	Cognitive Wearable Robotics for Autism Perception Enhancement. ACM Transactions on Internet Technology, 2021, 21, 1-16.	4.4	16
35	Guest Editorial Introduction to the Special Issue on Deep Learning Models for Safe and Secure Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 4224-4229.	8.0	1
36	Special Issue on Methods and Infrastructures for Data Mining at the Edge of Internet of Things. IEEE Internet of Things Journal, 2021, 8, 10220-10221.	8.7	4

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37	Hierarchical-morphology metafabric for scalable passive daytime radiative cooling. <i>Science</i> , 2021, 373, 692-696.	12.6	410
38	Intelligent Visual-IoT-Enabled Real-Time 3D Visualization for Autonomous Crowd Management. <i>IEEE Wireless Communications</i> , 2021, 28, 34-41.	9.0	7
39	Reliability-Aware Joint Optimization for Cooperative Vehicular Communication and Computing. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021, 22, 5437-5446.	8.0	26
40	Deep Reinforcement Learning for Edge Service Placement in Softwarized Industrial Cyber-Physical System. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 5552-5561.	11.3	40
41	Multimodal feature-wise co-attention method for visual question answering. <i>Information Fusion</i> , 2021, 73, 1-10.	19.1	38
42	Guest Editorial: Special Section on Transfer Learning for 5G-Aided Industrial Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2021, 17, 7070-7074.	11.3	7
43	Combining cross-modal knowledge transfer and semi-supervised learning for speech emotion recognition. <i>Knowledge-Based Systems</i> , 2021, 229, 107340.	7.1	19
44	6G Cognitive Information Theory: A Mailbox Perspective. <i>Big Data and Cognitive Computing</i> , 2021, 5, 56.	4.7	23
45	Guest Editorial Special Issue on Internet of Things for Smart Health and Emotion Care. <i>IEEE Internet of Things Journal</i> , 2021, 8, 16718-16722.	8.7	3
46	Adaptive Edge Caching in UAV-assisted 5G Network. , 2021, , .		5
47	Reinforcement Learning for Task Placement in Collaborative Cloud- Edge Computing. , 2021, , .		8
48	Privacy Protection and Intrusion Avoidance for Cloudlet-Based Medical Data Sharing. <i>IEEE Transactions on Cloud Computing</i> , 2020, 8, 1274-1283.	4.4	55
49	A snapshot research and implementation of multimodal information fusion for data-driven emotion recognition. <i>Information Fusion</i> , 2020, 53, 209-221.	19.1	106
50	AI-Skin: Skin disease recognition based on self-learning and wide data collection through a closed-loop framework. <i>Information Fusion</i> , 2020, 54, 1-9.	19.1	53
51	AI Agent in Software-Defined Network: Agent-Based Network Service Prediction and Wireless Resource Scheduling Optimization. <i>IEEE Internet of Things Journal</i> , 2020, 7, 5816-5826.	8.7	13
52	Human-Like Hybrid Caching in Software-Defined Edge Cloud. <i>IEEE Internet of Things Journal</i> , 2020, 7, 5806-5815.	8.7	6
53	Intelligent Traffic Adaptive Resource Allocation for Edge Computing-Based 5G Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020, 6, 499-508.	7.9	54
54	The introduction of population migration to SEIAR for COVID-19 epidemic modeling with an efficient intervention strategy. <i>Information Fusion</i> , 2020, 64, 252-258.	19.1	53

#	ARTICLE	IF	CITATIONS
55	On the Performance of LTE/Wi-Fi Dual-Mode Uplink Transmission: Connection Probability Versus Energy Efficiency. IEEE Transactions on Vehicular Technology, 2020, 69, 11152-11168.	6.3	6
56	Intelligent Search and Find System for Robotic Platform Based on Smart Edge Computing Service. IEEE Access, 2020, 8, 108821-108834.	4.2	11
57	Living with I-Fabric: Smart Living Powered by Intelligent Fabric and Deep Analytics. IEEE Network, 2020, 34, 156-163.	6.9	61
58	Cognitive-Caching: Cognitive Wireless Mobile Caching by Learning Fine-Grained Caching-Aware Indicators. IEEE Wireless Communications, 2020, 27, 100-106.	9.0	15
59	Exploiting user reviews for automatic movie tagging. Multimedia Tools and Applications, 2020, 79, 11399-11419.	3.9	7
60	CreativeBioMan: A Brain- and Body-Wearable, Computing-Based, Creative Gaming System. IEEE Systems, Man, and Cybernetics Magazine, 2020, 6, 14-22.	1.4	17
61	The mental health of medical workers in Wuhan, China dealing with the 2019 novel coronavirus. Lancet Psychiatry, the, 2020, 7, e14.	7.4	1,360
62	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.	4.1	1,068
63	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.	7.5	17
64	Congestion-aware adaptive decentralised computation offloading and caching for multi-access edge computing networks. IET Communications, 2020, 14, 3410-3419.	2.2	8
65	AI-based Satellite Ground Communication System with Intelligent Antenna Pointing. , 2020, , .		1
66	An Efficient and Accurate Link Latency Monitoring Method for Low-Latency Software-Defined Networks. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 377-391.	4.7	11
67	Audio-visual emotion fusion (AVEF): A deep efficient weighted approach. Information Fusion, 2019, 46, 184-192.	19.1	96
68	In-Edge AI: Intelligentizing Mobile Edge Computing, Caching and Communication by Federated Learning. IEEE Network, 2019, 33, 156-165.	6.9	645
69	Label-less Learning for Emotion Cognition. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-11.	11.3	93
70	Cognitive information measurements: A new perspective. Information Sciences, 2019, 505, 487-497.	6.9	74
71	TAMF. , 2019, , .		4
72	Performance analysis and optimization for coverage enhancement strategy of Narrow-band Internet of Things. Future Generation Computer Systems, 2019, 101, 434-443.	7.5	4

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73	Profit Maximization for Video Caching and Processing in Edge Cloud. IEEE Journal on Selected Areas in Communications, 2019, 37, 1632-1641.	14.0	27
74	Artificial Intelligence for Cognitive Wireless Communications. IEEE Wireless Communications, 2019, 26, 10-11.	9.0	8
75	iTaskOffloading: Intelligent Task Offloading for a Cloud-Edge Collaborative System. IEEE Network, 2019, 33, 82-88.	6.9	17
76	OPNET IoT Simulation. , 2019, , .		10
77	CHPC: A complex semantic-based secured approach to heritage preservation and secure IoT-based museum processes. Computer Communications, 2019, 148, 240-249.	5.1	17
78	Energy-Delay Evaluation and Optimization for NB-IoT PSM With Periodic Uplink Reporting. IEEE Access, 2019, 7, 3074-3081.	4.2	25
79	Intelligent networks assisted by cognitive computing and machine learning. IEEE Network, 2019, 33, 6-8.	6.9	5
80	TIDE: Time-relevant deep reinforcement learning for routing optimization. Future Generation Computer Systems, 2019, 99, 401-409.	7.5	71
81	A Dynamic Service Migration Mechanism in Edge Cognitive Computing. ACM Transactions on Internet Technology, 2019, 19, 1-15.	4.4	134
82	DeepFocus: Deep Encoding Brainwaves and Emotions with Multi-Scenario Behavior Analytics for Human Attention Enhancement. IEEE Network, 2019, 33, 70-77.	6.9	25
83	User behaviour modeling, recommendations, and purchase prediction during shopping festivals. Electronic Markets, 2019, 29, 263-274.	8.1	36
84	Emotion-Aware Video QoE Assessment Via Transfer Learning. IEEE MultiMedia, 2019, 26, 31-40.	1.7	23
85	Emotion-Aware Multimedia Systems Security. IEEE Transactions on Multimedia, 2019, 21, 617-624.	7.2	61
86	An Effective Fuel-Level Data Cleaning and Repairing Method for Vehicle Monitor Platform. IEEE Transactions on Industrial Informatics, 2019, 15, 410-422.	11.3	11
87	Cognitive-LPWAN: Towards Intelligent Wireless Services in Hybrid Low Power Wide Area Networks. IEEE Transactions on Green Communications and Networking, 2019, 3, 409-417.	5.5	86
88	Energy consumption optimization for green Device-to-Device multimedia communications. Future Generation Computer Systems, 2019, 92, 1131-1141.	7.5	10
89	Background Introduction of the Internet of Things. , 2019, , 1-76.		1
90	Simulation of Broadband Internet of Things. , 2019, , 465-525.		0

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91	Simulation of Narrowband Cellular Internet of Things. , 2019, , 605-630.		0
92	Simulation of Wireless Network Caching. , 2019, , 631-674.		0
93	Simulation of Green Internet of Things. , 2019, , 363-415.		0
94	Energy Efficient Cooperative Computing in Mobile Wireless Sensor Networks. IEEE Transactions on Cloud Computing, 2018, 6, 114-126.	4.4	132
95	Statistical Learning for Anomaly Detection in Cloud Server Systems: A Multi-Order Markov Chain Framework. IEEE Transactions on Cloud Computing, 2018, 6, 401-413.	4.4	40
96	Cognitive Internet of Vehicles. Computer Communications, 2018, 120, 58-70.	5.1	193
97	Energy Efficient Task Caching and Offloading for Mobile Edge Computing. IEEE Access, 2018, 6, 11365-11373.	4.2	217
98	Data-Driven Computing and Caching in 5G Networks: Architecture and Delay Analysis. IEEE Wireless Communications, 2018, 25, 70-75.	9.0	169
99	A Distributed Position-Based Protocol for Emergency Messages Broadcasting in Vehicular Ad Hoc Networks. IEEE Internet of Things Journal, 2018, 5, 1218-1227.	8.7	62
100	Large-Scale Mobile Fitness App Usage Analysis for Smart Health. IEEE Communications Magazine, 2018, 56, 46-52.	6.1	24
101	5G-Smart Diabetes: Toward Personalized Diabetes Diagnosis with Healthcare Big Data Clouds. IEEE Communications Magazine, 2018, 56, 16-23.	6.1	194
102	Edge cognitive computing based smart healthcare system. Future Generation Computer Systems, 2018, 86, 403-411.	7.5	225
103	Buffer State is Enough: Simplifying the Design of QoE-Aware HTTP Adaptive Video Streaming. IEEE Transactions on Broadcasting, 2018, 64, 590-601.	3.2	53
104	Statistical Study of View Preferences for Online Videos With Cross-Platform Information. IEEE Transactions on Multimedia, 2018, 20, 1512-1524.	7.2	12
105	IF-MCA: Importance Factor-Based Multiple Correspondence Analysis for Multimedia Data Analytics. IEEE Transactions on Multimedia, 2018, 20, 1024-1032.	7.2	6
106	Secure Enforcement in Cognitive Internet of Vehicles. IEEE Internet of Things Journal, 2018, 5, 1242-1250.	8.7	59
107	Social-aware energy efficiency optimization for device-to-device communications in 5G networks. Computer Communications, 2018, 120, 102-111.	5.1	31
108	Cognitive Computing: Architecture, Technologies and Intelligent Applications. IEEE Access, 2018, 6, 19774-19783.	4.2	166

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109	SCAI-SVSC: Smart clothing for effective interaction with a sustainable vital sign collection. <i>Future Generation Computer Systems</i> , 2018, 86, 329-338.	7.5	20
110	SPHA: Smart Personal Health Advisor Based on Deep Analytics. <i>IEEE Communications Magazine</i> , 2018, 56, 164-169.	6.1	121
111	Optimal Epidemic Information Dissemination in Uncertain Dynamic Environment. <i>IEEE Wireless Communications Letters</i> , 2018, 7, 518-521.	5.0	0
112	Task Offloading for Mobile Edge Computing in Software Defined Ultra-Dense Network. <i>IEEE Journal on Selected Areas in Communications</i> , 2018, 36, 587-597.	14.0	796
113	Blind Filtering at Third Parties: An Efficient Privacy-Preserving Framework for Location-Based Services. <i>IEEE Transactions on Mobile Computing</i> , 2018, 17, 2524-2535.	5.8	59
114	Cost-aware optimal data allocations for multiple dimensional heterogeneous memories using dynamic programming in big data. <i>Journal of Computational Science</i> , 2018, 26, 402-408.	2.9	5
115	Opportunistic Task Scheduling over Co-Located Clouds in Mobile Environment. <i>IEEE Transactions on Services Computing</i> , 2018, 11, 549-561.	4.6	93
116	Brain Intelligence: Go beyond Artificial Intelligence. <i>Mobile Networks and Applications</i> , 2018, 23, 368-375.	3.3	807
117	Big Data: Tutorial and guidelines on information and process fusion for analytics algorithms with MapReduce. <i>Information Fusion</i> , 2018, 42, 51-61.	19.1	122
118	From Cellular Decision Making to Adaptive Handoff in Heterogeneous Wireless Networks. <i>IEEE Wireless Communications Letters</i> , 2018, 7, 2-5.	5.0	9
119	Urban Healthcare Big Data System Based on Crowdsourced and Cloud-Based Air Quality Indicators. <i>IEEE Communications Magazine</i> , 2018, 56, 14-20.	6.1	103
120	Proactive Cache-Based Location Privacy Preserving for Vehicle Networks. <i>IEEE Wireless Communications</i> , 2018, 25, 77-83.	9.0	24
121	Wearable Affective Robot. <i>IEEE Access</i> , 2018, 6, 64766-64776.	4.2	86
122	Label-less Learning for Traffic Control in an Edge Network. <i>IEEE Network</i> , 2018, 32, 8-14.	6.9	104
123	IEEE Access Special Section Editorial: Healthcare Big Data. <i>IEEE Access</i> , 2018, 6, 50555-50558.	4.2	1
124	Reprint of: From cloud-based communications to cognition-based communications: A computing perspective. <i>Computer Communications</i> , 2018, 131, 77-82.	5.1	1
125	Cooperative Content Transmission for Vehicular Ad Hoc Networks using Robust Optimization. , 2018, , .		11
126	An Optimal Pricing Scheme for the Energy-Efficient Mobile Edge Computation Offloading With OFDMA. <i>IEEE Communications Letters</i> , 2018, 22, 1922-1925.	4.1	48

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127	Edge-CoCaCo: Toward Joint Optimization of Computation, Caching, and Communication on Edge Cloud. IEEE Wireless Communications, 2018, 25, 21-27.	9.0	128
128	Message from the Globe-IoT 2018 Workshop Chairs. , 2018, , .		0
129	From cloud-based communications to cognition-based communications: A computing perspective. Computer Communications, 2018, 128, 74-79.	5.1	43
130	Temporal-Spatial Mobile Application Usage Understanding and Popularity Prediction for Edge Caching. IEEE Wireless Communications, 2018, 25, 36-42.	9.0	25
131	Guest Editorial Special Issue on Cognitive Internet of Things. IEEE Internet of Things Journal, 2018, 5, 2259-2262.	8.7	10
132	Utility Maximization of Cloud-Based In-Car Video Recording Over Vehicular Access Networks. IEEE Internet of Things Journal, 2018, 5, 5213-5226.	8.7	9
133	Energy Optimization With Dynamic Task Scheduling Mobile Cloud Computing. IEEE Systems Journal, 2017, 11, 96-105.	4.6	75
134	A Science Gateway Cloud With Cost-Adaptive VM Management for Computational Science and Applications. IEEE Systems Journal, 2017, 11, 173-185.	4.6	14
135	iDoctor: Personalized and professionalized medical recommendations based on hybrid matrix factorization. Future Generation Computer Systems, 2017, 66, 30-35.	7.5	189
136	Personalized Multimedia Recommendations for Cloud-Integrated Cyber-Physical Systems. IEEE Systems Journal, 2017, 11, 106-117.	4.6	13
137	Online Cloud Transcoding and Distribution for Crowdsourced Live Game Video Streaming. IEEE Transactions on Circuits and Systems for Video Technology, 2017, 27, 1777-1789.	8.3	46
138	Wearable 2.0: Enabling Human-Cloud Integration in Next Generation Healthcare Systems. , 2017, 55, 54-61.		252
139	SA-EAST. Transactions on Embedded Computing Systems, 2017, 16, 1-22.	2.9	72
140	Modeling for Information Diffusion in Online Social Networks via Hydrodynamics. IEEE Access, 2017, 5, 128-135.	4.2	29
141	Smart Home 2.0: Innovative Smart Home System Powered by Botanical IoT and Emotion Detection. Mobile Networks and Applications, 2017, 22, 1159-1169.	3.3	87
142	Disease Prediction by Machine Learning Over Big Data From Healthcare Communities. IEEE Access, 2017, 5, 8869-8879.	4.2	786
143	Underwater Optical Image Processing: a Comprehensive Review. Mobile Networks and Applications, 2017, 22, 1204-1211.	3.3	135
144	Self-Organized Relay Selection for Cooperative Transmission in Vehicular Ad-Hoc Networks. IEEE Transactions on Vehicular Technology, 2017, 66, 9534-9549.	6.3	53

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145	Virtual-Pod-Assisted Routing and Resource Assignment in Elastic All-Optical Intra-Datacenter Networks. IEEE Access, 2017, 5, 406-420.	4.2	5
146	Emotion Communication System. IEEE Access, 2017, 5, 326-337.	4.2	116
147	Mobile Device as Cloud Broker for Computation Offloading at Cloudlets. KAIST Research Series, 2017, , 135-146.	1.5	1
148	Narrow Band Internet of Things. IEEE Access, 2017, 5, 20557-20577.	4.2	342
149	Opportunistic Task Scheduling Over Co-located Clouds. KAIST Research Series, 2017, , 147-171.	1.5	0
150	Energy Efficiency Evaluation of Multi-Tier Cellular Uplink Transmission Under Maximum Power Constraint. IEEE Transactions on Wireless Communications, 2017, 16, 7092-7107.	9.2	21
151	Unveiling Latent Behaviors of Video Viewers with Cross-Platform Information. , 2017, , .		1
152	Topical Collection on "Smart and Interactive Healthcare Systems". Journal of Medical Systems, 2017, 41, 121.	3.6	3
153	VM Placement via Resource Brokers in a Cloud Datacenter. KAIST Research Series, 2017, , 47-73.	1.5	3
154	Self-adaptive beaconing for vehicular ad hoc networks. , 2017, , .		0
155	SOVCAN: Safety-Oriented Vehicular Controller Area Network. IEEE Communications Magazine, 2017, 55, 94-99.	6.1	492
156	Green and Mobility-Aware Caching in 5G Networks. IEEE Transactions on Wireless Communications, 2017, 16, 8347-8361.	9.2	147
157	Analytical Model of Spread of Epidemics in Open Finite Regions. IEEE Access, 2017, 5, 9673-9681.	4.2	9
158	Cloud Broker and Cloudlet for Workflow Scheduling. KAIST Research Series, 2017, , .	1.5	9
159	Mobility-Aware Resource Scheduling Cloudlets in Mobile Environment. KAIST Research Series, 2017, , 173-189.	1.5	0
160	Exploiting Interference for Capacity Improvement in Software-Defined Vehicular Networks. IEEE Access, 2017, 5, 10662-10673.	4.2	5
161	ASA: Against statistical attacks for privacy-aware users in Location Based Service. Future Generation Computer Systems, 2017, 70, 48-58.	7.5	43
162	Low Complexity and Robust Codebook-Based Analog Beamforming for Millimeter Wave MIMO Systems. IEEE Access, 2017, 5, 19824-19834.	4.2	10

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163	Job schedulers for Big data processing in Hadoop environment: testing real-life schedulers using benchmark programs. Digital Communications and Networks, 2017, 3, 260-273.	5.0	35
164	Wireless Fractal Ultra-Dense Cellular Networks. Sensors, 2017, 17, 841.	3.8	25
165	A 5G Cognitive System for Healthcare. Big Data and Cognitive Computing, 2017, 1, 2.	4.7	110
166	Welcome to the New Interdisciplinary Journal Combining Big Data and Cognitive Computing. Big Data and Cognitive Computing, 2017, 1, 1.	4.7	24
167	Mobile Cloud Gaming. , 2017, , 1-7.		3
168	Integrated Cloud Broker System and Its Experimental Evaluation. KAIST Research Series, 2017, , 1-45.	1.5	0
169	Mobility-Aware Caching and Computation Offloading in 5G Ultra-Dense Cellular Networks. Sensors, 2016, 16, 974.	3.8	138
170	Smart Clothing: Connecting Human with Clouds and Big Data for Sustainable Health Monitoring. Mobile Networks and Applications, 2016, 21, 825-845.	3.3	320
171	Cloud-Based Actor Identification With Batch-Orthogonal Local-Sensitive Hashing and Sparse Representation. IEEE Transactions on Multimedia, 2016, 18, 1749-1761.	7.2	8
172	Cloud-assisted humanoid robotics for affective interaction. , 2016, , .		2
173	A strawman privacy-preserving scheme in weighted social networks. Security and Communication Networks, 2016, 9, 5625-5638.	1.5	1
174	Performance analysis of K-tier cellular networks with time-switching energy harvesting. , 2016, , .		5
175	User Intent-Oriented Video QoE with Emotion Detection Networking. , 2016, , .		7
176	NCKC: Non-Code-aided Key Calculation for group Key Management. , 2016, , .		1
177	An energy efficiency solution for WBAN in healthcare monitoring system. , 2016, , .		11
178	Mobile cellular big data: linking cyberspace and the physical world with social ecology. IEEE Network, 2016, 30, 6-12.	6.9	31
179	Enhanced Fingerprinting and Trajectory Prediction for IoT Localization in Smart Buildings. IEEE Transactions on Automation Science and Engineering, 2016, 13, 1294-1307.	5.2	204
180	Adaptive VM Management with Two Phase Power Consumption Cost Models in Cloud Datacenter. Mobile Networks and Applications, 2016, 21, 793-805.	3.3	2

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181	Towards collusion-attack-resilient group key management using one-way function tree. <i>Computer Networks</i> , 2016, 104, 16-26.	5.1	22
182	CP-Robot: Cloud-Assisted Pillow Robot for Emotion Sensing and Interaction. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2016, , 81-93.	0.3	13
183	M-plan: Multipath Planning based transmissions for IoT multimedia sensing. , 2016, , .		8
184	Message-locked proof of ownership and retrievability with remote repairing in cloud. <i>Security and Communication Networks</i> , 2016, 9, 3452-3466.	1.5	7
185	Measuring and Analyzing Third-Party Mobile Game App Stores in China. <i>IEEE Transactions on Network and Service Management</i> , 2016, 13, 793-805.	4.9	10
186	Information diffusion prediction in mobile social networks with hydrodynamic model. , 2016, , .		5
187	Special Issue on Mobile Big Data Management and Innovative Applications. <i>IEEE Transactions on Services Computing</i> , 2016, 9, 784-785.	4.6	2
188	Cloudified and Software Defined 5G Networks: Architecture, Solutions, and Emerging Applications. <i>Mobile Networks and Applications</i> , 2016, 21, 727-728.	3.3	3
189	Definable Networking. <i>SpringerBriefs in Computer Science</i> , 2016, , 33-58.	0.2	2
190	5G-Based Applications. <i>SpringerBriefs in Computer Science</i> , 2016, , 79-84.	0.2	1
191	A DSRC-Based Vehicular Positioning Enhancement Using a Distributed Multiple-Model Kalman Filter. <i>IEEE Access</i> , 2016, 4, 8338-8350.	4.2	16
192	MatrixDCN: a high performance network architecture for large-scale cloud data centers. <i>Wireless Communications and Mobile Computing</i> , 2016, 16, 942-959.	1.2	0
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