Min Chen

List of Publications by Year in Descending Order

376 papers	**19,103** citations	**70** h-index	**132** g-index
422 ext. papers	**23,315** ext. citations	**5.3** avg, IF	**7.64** L-index

#	Paper	IF	Citations
376	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	3.4	2
375	Optimizing Video Caching at the Edge: A Hybrid Multi-Point Process Approach. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 1-1	3.7	1
374	Negative Information Measurement at AI Edge: A New Perspective for Mental Health Monitoring. *ACM Transactions on Internet Technology*, **2022**, 22, 1-16	3.8	2
373	Incentive-Aware Autonomous Client Participation in Federated Learning. *IEEE Transactions on Parallel and Distributed Systems*, **2022**, 1-1	3.7	2
372	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	4.9	0
371	Accelerating Federated Learning via Parallel Servers: A Theoretically Guaranteed Approach. *IEEE/ACM Transactions on Networking*, **2022**, 1-15	3.8	
370	Intelligent Fabric Enabled 6G Semantic Communication System for In-Cabin Scenarios. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-10	6.1	
369	A Bibliometric Analysis of Intelligent Voice Interaction Based on VOSviewer. *Lecture Notes in Computer Science*, **2022**, 443-455	0.9	
368	Guest Editorial Special Issue on Internet of Things for Smart Health and Emotion Care. *IEEE Internet of Things Journal*, **2021**, 8, 16718-16722	10.7	0
367	Non-uniform Pricing and Resource Allocation Economics for HetNet Based on Stackelberg Game. *IEEE Communications Letters*, **2021**, 1-1	3.8	
366	Decentralized Machine Learning Through Experience-Driven Method in Edge Networks. *IEEE Journal on Selected Areas in Communications*, **2021**, 1-1	14.2	0
365	6G Cognitive Information Theory: A Mailbox Perspective. *Big Data and Cognitive Computing*, **2021**, 5, 56	3.5	8
364	Learning-Driven Decentralized Machine Learning in Resource-Constrained Wireless Edge Computing **2021**,		3
363	P-FedAvg: Parallelizing Federated Learning with Theoretical Guarantees **2021**,		6
362	Deep Reinforcement Learning for Scenario-Based Robust Economic Dispatch Strategy in Internet of Energy. *IEEE Internet of Things Journal*, **2021**, 8, 9654-9663	10.7	3
361	Cognitive Wearable Robotics for Autism Perception Enhancement. *ACM Transactions on Internet Technology*, **2021**, 21, 1-16	3.8	5
360	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	6.1	1

359	Collaboratively Replicating Encoded Content on RSUs to Enhance Video Services for Vehicles. *IEEE Transactions on Mobile Computing*, **2021**, 20, 877-892	4.6	3
358	Semantics-Aware Privacy Risk Assessment Using Self-Learning Weight Assignment for Mobile Apps. *IEEE Transactions on Dependable and Secure Computing*, **2021**, 18, 15-29	3.9	3
357	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	10.7	4
356	RAP: A Light-Weight Privacy-Preserving Framework for Recommender Systems. *IEEE Transactions on Services Computing*, **2021**, 1-1	4.8	1
355	Collaborative Cloud-Edge Service Cognition Framework for DNN Configuration toward Smart IIoT. *IEEE Transactions on Industrial Informatics*, **2021**, 1-1	11.9	1
354	Intelligent Task Caching in Edge Cloud via Bandit Learning. *IEEE Transactions on Network Science and Engineering*, **2021**, 8,	4.9	7
353	MER-WearNet: Medical-Emergency Response Wearable Networking Powered by UAV-Assisted Computing Offloading and WPT. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	2
352	Depression Analysis and Recognition Based on Functional Near-Infrared Spectroscopy. *IEEE Journal of Biomedical and Health Informatics*, **2021**, 25, 4289-4299	7.2	4
351	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	10.7	2
350	Hierarchical-morphology metafabric for scalable passive daytime radiative cooling. *Science*, **2021**, 373, 692-696	33.3	84
349	Intelligent Visual-IoT-Enabled Real-Time 3D Visualization for Autonomous Crowd Management. *IEEE Wireless Communications*, **2021**, 28, 34-41	13.4	1
348	Reliability-Aware Joint Optimization for Cooperative Vehicular Communication and Computing. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 22, 5437-5446	6.1	7
347	Deep Reinforcement Learning for Edge Service Placement in Softwarized Industrial Cyber-Physical System. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 5552-5561	11.9	12
346	Multimodal feature-wise co-attention method for visual question answering. *Information Fusion*, **2021**, 73, 1-10	16.7	8
345	Combining cross-modal knowledge transfer and semi-supervised learning for speech emotion recognition. *Knowledge-Based Systems*, **2021**, 229, 107340	7.3	5
344	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	6.8	0
343	Intelligent Search and Find System for Robotic Platform Based on Smart Edge Computing Service. *IEEE Access*, **2020**, 8, 108821-108834	3.5	3
342	Living with I-Fabric: Smart Living Powered by Intelligent Fabric and Deep Analytics. *IEEE Network*, **2020**, 34, 156-163	11.4	39

341	Cognitive-Caching: Cognitive Wireless Mobile Caching by Learning Fine-Grained Caching-Aware Indicators. *IEEE Wireless Communications*, **2020**, 27, 100-106	13.4	9
340	Exploiting user reviews for automatic movie tagging. *Multimedia Tools and Applications*, **2020**, 79, 11399-11419	2.5	3
339	. *IEEE Systems, Man, and Cybernetics Magazine*, **2020**, 6, 14-22	1.6	14
338	The mental health of medical workers in Wuhan, China dealing with the 2019 novel coronavirus. *Lancet Psychiatry,the*, **2020**, 7, e14	23.3	880
337	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	16.6	622
336	Label-less Learning for Emotion Cognition. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 2430-2440	10.3	75
335	Joint Data Collection and Resource Allocation for Distributed Machine Learning at the Edge. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	1
334	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	7
333	Congestion-aware adaptive decentralised computation offloading and caching for multi-access edge computing networks. *IET Communications*, **2020**, 14, 3410-3419	1.3	3
332	AI Agent in Software-Defined Network: Agent-Based Network Service Prediction and Wireless Resource Scheduling Optimization. *IEEE Internet of Things Journal*, **2020**, 7, 5816-5826	10.7	8
331	Human-Like Hybrid Caching in Software-Defined Edge Cloud. *IEEE Internet of Things Journal*, **2020**, 7, 5806-5815	10.7	4
330	Attention-Based Gait Recognition and Walking Direction Estimation in Wi-Fi Networks. *IEEE Transactions on Mobile Computing*, **2020**, 1-1	4.6	5
329	The introduction of population migration to SEIAR for COVID-19 epidemic modeling with an efficient intervention strategy. *Information Fusion*, **2020**, 64, 252-258	16.7	22
328	ILAS-IoT: An improved and lightweight authentication scheme for IoT deployment. *Journal of Ambient Intelligence and Humanized Computing*, **2020**, 1	3.7	4
327	Privacy Protection and Intrusion Avoidance for Cloudlet-Based Medical Data Sharing. *IEEE Transactions on Cloud Computing*, **2020**, 8, 1274-1283	3.3	39
326	A snapshot research and implementation of multimodal information fusion for data-driven emotion recognition. *Information Fusion*, **2020**, 53, 209-221	16.7	44
325	AI-Skin: Skin disease recognition based on self-learning and wide data collection through a closed-loop framework. *Information Fusion*, **2020**, 54, 1-9	16.7	31
324	A Sustainable Multi-modal Multi-layer Emotion-aware Service at the Edge. *IEEE Transactions on Sustainable Computing*, **2019**, 1-1	3.5	1

323	OPNET IoT Simulation **2019**,		7
322	CHPC: A complex semantic-based secured approach to heritage preservation and secure IoT-based museum processes. *Computer Communications*, **2019**, 148, 240-249	5.1	10
321	Energy-Delay Evaluation and Optimization for NB-IoT PSM With Periodic Uplink Reporting. *IEEE Access*, **2019**, 7, 3074-3081	3.5	14
320	. *IEEE Network*, **2019**, 33, 6-8	11.4	5
319	TIDE: Time-relevant deep reinforcement learning for routing optimization. *Future Generation Computer Systems*, **2019**, 99, 401-409	7.5	49
318	A Dynamic Service Migration Mechanism in Edge Cognitive Computing. *ACM Transactions on Internet Technology*, **2019**, 19, 1-15	3.8	100
317	An Efficient and Accurate Link Latency Monitoring Method for Low-Latency Software-Defined Networks. *IEEE Transactions on Instrumentation and Measurement*, **2019**, 68, 377-391	5.2	6
316	Audio-visual emotion fusion (AVEF): A deep efficient weighted approach. *Information Fusion*, **2019**, 46, 184-192	16.7	58
315	Quantifying the Influence of Intermittent Connectivity on Mobile Edge Computing. *IEEE Transactions on Cloud Computing*, **2019**, 1-1	3.3	6
314	In-Edge AI: Intelligentizing Mobile Edge Computing, Caching and Communication by Federated Learning. *IEEE Network*, **2019**, 33, 156-165	11.4	354
313	Cognitive information measurements: A new perspective. *Information Sciences*, **2019**, 505,	7.7	66
312	Performance analysis and optimization for coverage enhancement strategy of Narrow-band Internet of Things. *Future Generation Computer Systems*, **2019**, 101, 434-443	7.5	
311	Profit Maximization for Video Caching and Processing in Edge Cloud. *IEEE Journal on Selected Areas in Communications*, **2019**, 37, 1632-1641	14.2	12
310	Artificial Intelligence for Cognitive Wireless Communications. *IEEE Wireless Communications*, **2019**, 26, 10-11	13.4	6
309	iTaskOffloading: Intelligent Task Offloading for a Cloud-Edge Collaborative System. *IEEE Network*, **2019**, 33, 82-88	11.4	8
308	Network Layer Simulation Using OPNET **2019**, 295-362		
307	Simulation of Broadband Internet of Things **2019**, 465-525		
306	Simulation of Narrowband Cellular Internet of Things **2019**, 605-630		

287	A Distributed Position-Based Protocol for Emergency Messages Broadcasting in Vehicular Ad Hoc Networks. *IEEE Internet of Things Journal*, **2018**, 5, 1218-1227	10.7	43
286	Large-Scale Mobile Fitness App Usage Analysis for Smart Health. *IEEE Communications Magazine*, **2018**, 56, 46-52	9.1	11
285	5G-Smart Diabetes: Toward Personalized Diabetes Diagnosis with Healthcare Big Data Clouds. *IEEE Communications Magazine*, **2018**, 56, 16-23	9.1	120
284	Edge cognitive computing based smart healthcare system. *Future Generation Computer Systems*, **2018**, 86, 403-411	7.5	156
283	Buffer State is Enough: Simplifying the Design of QoE-Aware HTTP Adaptive Video Streaming. *IEEE Transactions on Broadcasting*, **2018**, 64, 590-601	4.7	36
282	. *IEEE Transactions on Multimedia*, **2018**, 20, 1512-1524	6.6	9
281	. *IEEE Transactions on Multimedia*, **2018**, 20, 1024-1032	6.6	4
280	Secure Enforcement in Cognitive Internet of Vehicles. *IEEE Internet of Things Journal*, **2018**, 5, 1242-1250	10.7	51
279	Social-aware energy efficiency optimization for device-to-device communications in 5G networks. *Computer Communications*, **2018**, 120, 102-111	5.1	25
278	Cognitive Computing: Architecture, Technologies and Intelligent Applications. *IEEE Access*, **2018**, 6, 19774-19783	3.5	114
277	SCAI-SVSC: Smart clothing for effective interaction with a sustainable vital sign collection. *Future Generation Computer Systems*, **2018**, 86, 329-338	7.5	11
276	SPHA: Smart Personal Health Advisor Based on Deep Analytics. *IEEE Communications Magazine*, **2018**, 56, 164-169	9.1	85
275	Optimal Epidemic Information Dissemination in Uncertain Dynamic Environment. *IEEE Wireless Communications Letters*, **2018**, 7, 518-521	5.9	
274	Task Offloading for Mobile Edge Computing in Software Defined Ultra-Dense Network. *IEEE Journal on Selected Areas in Communications*, **2018**, 36, 587-597	14.2	509
273	Blind Filtering at Third Parties: An Efficient Privacy-Preserving Framework for Location-Based Services. *IEEE Transactions on Mobile Computing*, **2018**, 17, 2524-2535	4.6	46
272	Cost-aware optimal data allocations for multiple dimensional heterogeneous memories using dynamic programming in big data. *Journal of Computational Science*, **2018**, 26, 402-408	3.4	3
271	. *IEEE Transactions on Services Computing*, **2018**, 11, 549-561	4.8	83
270	Brain Intelligence: Go beyond Artificial Intelligence. *Mobile Networks and Applications*, **2018**, 23, 368-375	2.9	568

251	Personalized Multimedia Recommendations for Cloud-Integrated Cyber-Physical Systems. *IEEE Systems Journal*, **2017**, 11, 106-117	4.3	13
250	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2017**, 27, 1777-1789	6.4	34
249	Wearable 2.0: Enabling Human-Cloud Integration in Next Generation Healthcare Systems **2017**, 55, 54-61		184
248	SA-EAST. *Transactions on Embedded Computing Systems*, **2017**, 16, 1-22	1.8	64
247	Modeling for Information Diffusion in Online Social Networks via Hydrodynamics. *IEEE Access*, **2017**, 5, 128-135	3.5	19
246	Smart Home 2.0: Innovative Smart Home System Powered by Botanical IoT and Emotion Detection. *Mobile Networks and Applications*, **2017**, 22, 1159-1169	2.9	69
245	Disease Prediction by Machine Learning Over Big Data From Healthcare Communities. *IEEE Access*, **2017**, 5, 8869-8879	3.5	467
244	Underwater Optical Image Processing: a Comprehensive Review. *Mobile Networks and Applications*, **2017**, 22, 1204-1211	2.9	69
243	Self-Organized Relay Selection for Cooperative Transmission in Vehicular Ad-Hoc Networks. *IEEE Transactions on Vehicular Technology*, **2017**, 66, 9534-9549	6.8	38
242	Deep Feature Learning for Medical Image Analysis with Convolutional Autoencoder Neural Network. *IEEE Transactions on Big Data*, **2017**, 1-1	3.2	128
241	Virtual-Pod-Assisted Routing and Resource Assignment in Elastic All-Optical Intra-Datacenter Networks. *IEEE Access*, **2017**, 5, 406-420	3.5	5
240	Emotion Communication System. *IEEE Access*, **2017**, 5, 326-337	3.5	89
239	Mobile Device as Cloud Broker for Computation Offloading at Cloudlets. *KAIST Research Series*, **2017**, 135-146		1
238	Narrow Band Internet of Things. *IEEE Access*, **2017**, 5, 20557-20577	3.5	246
237	Opportunistic Task Scheduling Over Co-located Clouds. *KAIST Research Series*, **2017**, 147-171		
236	Energy Efficiency Evaluation of Multi-Tier Cellular Uplink Transmission Under Maximum Power Constraint. *IEEE Transactions on Wireless Communications*, **2017**, 16, 7092-7107	9.6	18
235	VM Placement via Resource Brokers in a Cloud Datacenter. *KAIST Research Series*, **2017**, 47-73		2
234	SOVCAN: Safety-Oriented Vehicular Controller Area Network. *IEEE Communications Magazine*, **2017**, 55, 94-99	9.1	453

233	Green and Mobility-Aware Caching in 5G Networks. *IEEE Transactions on Wireless Communications*, **2017**, 16, 8347-8361	9.6	121
232	Analytical Model of Spread of Epidemics in Open Finite Regions. *IEEE Access*, **2017**, 5, 9673-9681	3.5	6
231	Cloud Broker and Cloudlet for Workflow Scheduling. *KAIST Research Series*, **2017**,		4
230	Mobility-Aware Resource Scheduling Cloudlets in Mobile Environment. *KAIST Research Series*, **2017**, 173-189		
229	Exploiting Interference for Capacity Improvement in Software-Defined Vehicular Networks. *IEEE Access*, **2017**, 5, 10662-10673	3.5	3
228	ASA: Against statistical attacks for privacy-aware users in Location Based Service. *Future Generation Computer Systems*, **2017**, 70, 48-58	7.5	34
227	Low Complexity and Robust Codebook-Based Analog Beamforming for Millimeter Wave MIMO Systems. *IEEE Access*, **2017**, 5, 19824-19834	3.5	7
226	Job schedulers for Big data processing in Hadoop environment: testing real-life schedulers using benchmark programs. *Digital Communications and Networks*, **2017**, 3, 260-273	5.9	25
225	Wireless Fractal Ultra-Dense Cellular Networks. *Sensors*, **2017**, 17,	3.8	19
224	A 5G Cognitive System for Healthcare. *Big Data and Cognitive Computing*, **2017**, 1, 2	3.5	86
223	Integrated Cloud Broker System and Its Experimental Evaluation. *KAIST Research Series*, **2017**, 1-45		
222	Profit Maximization through Online Advertising Scheduling for a Wireless Video Broadcast Network. *IEEE Transactions on Mobile Computing*, **2016**, 15, 2064-2079	4.6	18
221	Toward next-generation Internet of Things: guest editorial. *Telecommunication Systems*, **2016**, 62, 1-2	2.3	3
220	Measuring and Analyzing Third-Party Mobile Game App Stores in China. *IEEE Transactions on Network and Service Management*, **2016**, 13, 793-805	4.8	5
219	Information diffusion prediction in mobile social networks with hydrodynamic model **2016**,		5
218	Special Issue on Mobile Big Data Management and Innovative Applications. *IEEE Transactions on Services Computing*, **2016**, 9, 784-785	4.8	2
217	Cloudified and Software Defined 5G Networks: Architecture, Solutions, and Emerging Applications. *Mobile Networks and Applications*, **2016**, 21, 727-728	2.9	3
216	Cloud-Based Networking. *SpringerBriefs in Computer Science*, **2016**, 9-19	0.4	

215	Definable Networking. *SpringerBriefs in Computer Science*, **2016**, 33-58	0.4	2
214	5G-Based Applications. *SpringerBriefs in Computer Science*, **2016**, 79-84	0.4	1
213	A DSRC-Based Vehicular Positioning Enhancement Using a Distributed Multiple-Model Kalman Filter. *IEEE Access*, **2016**, 4, 8338-8350	3.5	16
212	MatrixDCN: a high performance network architecture for large-scale cloud data centers. *Wireless Communications and Mobile Computing*, **2016**, 16, 942-959	1.9	
211	. *IEEE Systems Journal*, **2016**, 10, 1226-1235	4.3	133
210	A novel pre-cache schema for high performance Android system. *Future Generation Computer Systems*, **2016**, 56, 766-772	7.5	43
209	Software-Defined Mobile Networks Security. *Mobile Networks and Applications*, **2016**, 21, 729-743	2.9	70
208	Metaheuristic Algorithms for Healthcare: Open Issues and Challenges. *Computers and Electrical Engineering*, **2016**, 53, 421-434	4.3	31
207	Efficient Upstream Bandwidth Multiplexing for Cloud Video Recording Services. *IEEE Transactions on Circuits and Systems for Video Technology*, **2016**, 26, 1893-1906	6.4	7
206	A cross-layer design for a software-defined millimeter-wave mobile broadband system **2016**, 54, 124-130		17
205	. *IEEE Transactions on Vehicular Technology*, **2016**, 65, 3860-3873	6.8	572
204	Coping With Emerging Mobile Social Media Applications Through Dynamic Service Function Chaining. *IEEE Transactions on Wireless Communications*, **2016**, 15, 2859-2871	9.6	32
203	Cloud Platform for Networking. *SpringerBriefs in Computer Science*, **2016**, 21-31	0.4	
202	Green Wireless Networks. *SpringerBriefs in Computer Science*, **2016**, 59-68	0.4	1
201	5G-Related Projects. *SpringerBriefs in Computer Science*, **2016**, 69-77	0.4	0
200	Mobility-Aware Caching and Computation Offloading in 5G Ultra-Dense Cellular Networks. *Sensors*, **2016**, 16,	3.8	122
199	Smart Clothing: Connecting Human with Clouds and Big Data for Sustainable Health Monitoring. *Mobile Networks and Applications*, **2016**, 21, 825-845	2.9	245
198	. *IEEE Transactions on Multimedia*, **2016**, 18, 1749-1761	6.6	7

197	AB Strawman privacy-preserving scheme in weighted social networks. *Security and Communication Networks*, **2016**, 9, 5625-5638	1.9	1
196	Performance analysis of K-tier cellular networks with time-switching energy harvesting **2016**,		4
195	User Intent-Oriented Video QoE with Emotion Detection Networking **2016**,		7
194	NCKC: Non-Code-aided Key Calculation for group Key Management **2016**,		1
193	An energy efficiency solution for WBAN in healthcare monitoring system **2016**,		6
192	Mobile cellular big data: linking cyberspace and the physical world with social ecology. *IEEE Network*, **2016**, 30, 6-12	11.4	28
191	Enhanced Fingerprinting and Trajectory Prediction for IoT Localization in Smart Buildings. *IEEE Transactions on Automation Science and Engineering*, **2016**, 13, 1294-1307	4.9	153
190	Adaptive VM Management with Two Phase Power Consumption Cost Models in Cloud Datacenter. *Mobile Networks and Applications*, **2016**, 21, 793-805	2.9	2
189	Towards collusion-attack-resilient group key management using one-way function tree. *Computer Networks*, **2016**, 104, 16-26	5.4	13
188	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	10
187	M-plan: Multipath Planning based transmissions for IoT multimedia sensing **2016**,		5
186	Message-locked proof of ownership and retrievability with remote repairing in cloud. *Security and Communication Networks*, **2016**, 9, 3452-3466	1.9	7
185	. *IEEE Transactions on Industrial Informatics*, **2015**, 11, 302-312	11.9	41
184	Frame-Based Medium Access Control for 5G Wireless Networks. *Mobile Networks and Applications*, **2015**, 20, 763-772	2.9	16
183	Advances on Cloud Computing and Technologies. *Mobile Networks and Applications*, **2015**, 20, 295-296	2.9	
182	HMCC: A Hybrid Mobile Cloud Computing Framework Exploiting Heterogeneous Resources **2015**,		5
181	Measurement and analysis of online gaming services on mobile WiMAX networks. *Wireless Communications and Mobile Computing*, **2015**, 15, 1198-1211	1.9	1
180	AIWAC: affective interaction through wearable computing and cloud technology. *IEEE Wireless Communications*, **2015**, 22, 20-27	13.4	119

179	EMC: Emotion-aware mobile cloud computing in 5G. *IEEE Network*, **2015**, 29, 32-38	11.4	138
178	Cloud-based Wireless Network: Virtualized, Reconfigurable, Smart Wireless Network to Enable 5G Technologies. *Mobile Networks and Applications*, **2015**, 20, 704-712	2.9	81
177	. *IEEE Transactions on Circuits and Systems for Video Technology*, **2015**, 25, 2064-2077	6.4	26
176	Toward Cost-Effective Mobile Video Streaming via Smart Cache With Adaptive Thresholding. *IEEE Transactions on Broadcasting*, **2015**, 61, 639-650	4.7	10
175	LTE-based humanoid robotics system. *Microprocessors and Microsystems*, **2015**, 39, 1279-1284	2.4	5
174	Software-defined internet of things for smart urban sensing **2015**, 53, 55-63		109
173	POEM: On Establishing a Personal On-Demand Execution Environment for Mobile Cloud Applications **2015**,		2
172	. *IEEE Transactions on Vehicular Technology*, **2015**, 64, 4230-4244	6.8	12
171	MM3C: Multi-Source Mobile Streaming in Cache-Enabled Content-Centric Networks **2015**,		5
170	Graph Theory Based Capacity Analysis for Vehicular Ad Hoc Networks **2015**,		11
169	Performance analysis of cooperative spatial multiplexing networks with AF/DF relaying and linear receiver over Rayleigh fading channels. *Wireless Communications and Mobile Computing*, **2015**, 15, 500-509	1.9	5
168	Non-cooperative game-based packet ferry forwarding for sparse mobile wireless networks. *Wireless Communications and Mobile Computing*, **2015**, 15, 1633-1648	1.9	1
167	On the computation offloading at ad hoc cloudlet: architecture and service modes **2015**, 53, 18-24		183
166	Software-Defined Network Function Virtualization: A Survey. *IEEE Access*, **2015**, 3, 2542-2553	3.5	297
165	A unified control and optimization framework for dynamical service chaining in software-defined NFV system. *IEEE Wireless Communications*, **2015**, 22, 15-23	13.4	30
164	Towards next-generation social media?. *New Review of Hypermedia and Multimedia*, **2015**, 21, 197-198	0.8	
163	PWDGR: Pair-Wise Directional Geographical Routing Based on Wireless Sensor Network. *IEEE Internet of Things Journal*, **2015**, 2, 14-22	10.7	32
162	Virtualizing IMS Core and Its Performance Analysis. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2015**, 53-65	0.2	

161	Mobility prediction in telecom cloud using mobile calls. *IEEE Wireless Communications*, **2014**, 21, 26-32	13.4	27
160	. *IEEE Systems Journal*, **2014**, 8, 202-207	4.3	6
159	WE-CARE: an intelligent mobile telecardiology system to enable mHealth applications. *IEEE Journal of Biomedical and Health Informatics*, **2014**, 18, 693-702	7.2	52
158	Toward Gaming as a Service. *IEEE Internet Computing*, **2014**, 18, 12-18	2.4	45
157	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, 457-66	7.2	21
156	Big Data: A Survey. *Mobile Networks and Applications*, **2014**, 19, 171-209	2.9	1687
155	VENDNET: VEhicular Named Data NETwork. *Vehicular Communications*, **2014**, 1, 208-213	5.7	55
154	TOSS: Traffic offloading by social network service-based opportunistic sharing in mobile social networks **2014**,		80
153	CAP: community activity prediction based on big data analysis. *IEEE Network*, **2014**, 28, 52-57	11.4	126
152	NDNC-BAN: Supporting rich media healthcare services via named data networking in cloud-assisted wireless body area networks. *Information Sciences*, **2014**, 284, 142-156	7.7	67
151	Advances in Mobile Cloud Computing. *Mobile Networks and Applications*, **2014**, 19, 131-132	2.9	10
150	A Survey of Recent Developments in Home M2M Networks. *IEEE Communications Surveys and Tutorials*, **2014**, 16, 98-114	37.1	186
149	Mobile traffic offloading by exploiting social network services and leveraging opportunistic device-to-device sharing. *IEEE Wireless Communications*, **2014**, 21, 28-36	13.4	23
148	A multi-channel architecture for IPv6-enabled wireless sensor and actuator networks featuring PnP support. *Journal of Network and Computer Applications*, **2014**, 37, 12-24	7.9	6
147	Energy-Efficiency Optimization for MIMO-OFDM Mobile Multimedia Communication Systems With QoS Constraints. *IEEE Transactions on Vehicular Technology*, **2014**, 63, 2127-2138	6.8	103
146	Power synergy to enhance DCI reliability for OFDM-based mobile system optimization **2014**,		4
145	Vehicular Inter-Networking via Named Data - An OPNET Simulation Study. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2014**, 116-125	0.2	7
144	A Survey on Internet of Things From Industrial Market Perspective. *IEEE Access*, **2014**, 2, 1660-1679	3.5	347

143	Unveiling 5G wireless networks: emerging research advances, prospects, and challenges [Guest Editorial]. *IEEE Network*, **2014**, 28, 3-5	11.4	7
142	COMER: Cloud-based medicine recommendation **2014**,		4
141	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	4.1	72
140	FGPC **2014**,		19
139	A Markov Decision Process-based service migration procedure for follow me cloud **2014**,		119
138	Open Issues and Outlook. *SpringerBriefs in Computer Science*, **2014**, 81-89	0.4	10
137	Big Data Analysis. *SpringerBriefs in Computer Science*, **2014**, 51-58	0.4	8
136	Resource management for cognitive cloud gaming **2014**,		4
135	IEEE Access Special Section Editorial: 5G Wireless Technologies: Perspectives on the Next Generation of Mobile Communications and Networking. *IEEE Access*, **2014**, 2, 1686-1688	3.5	2
134	Big Data Generation and Acquisition. *SpringerBriefs in Computer Science*, **2014**, 19-32	0.4	4
133	Big Data Applications. *SpringerBriefs in Computer Science*, **2014**, 59-79	0.4	5
132	**2014**, 52, 73-79		49
131	**2014**, 52, 131-139		740
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