

# Min Chen

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Big Data: A Survey. <i>Mobile Networks and Applications</i> , <b>2014</b> , 19, 171-209	2.9	1687
375	The mental health of medical workers in Wuhan, China dealing with the 2019 novel coronavirus. <i>Lancet Psychiatry</i> , <b>2020</b> , 7, e14	23.3	880
374	Body Area Networks: A Survey. <i>Mobile Networks and Applications</i> , <b>2011</b> , 16, 171-193	2.9	817
373	<b>2014</b> , 52, 131-139		740
372	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. <i>Brain, Behavior, and Immunity</i> , <b>2020</b> , 87, 11-17	16.6	622
371	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2016</b> , 65, 3860-3873	6.8	572
370	Brain Intelligence: Go beyond Artificial Intelligence. <i>Mobile Networks and Applications</i> , <b>2018</b> , 23, 368-375	2.9	568
369	Task Offloading for Mobile Edge Computing in Software Defined Ultra-Dense Network. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2018</b> , 36, 587-597	14.2	509
368	Disease Prediction by Machine Learning Over Big Data From Healthcare Communities. <i>IEEE Access</i> , <b>2017</b> , 5, 8869-8879	3.5	467
367	SOVCAN: Safety-Oriented Vehicular Controller Area Network. <i>IEEE Communications Magazine</i> , <b>2017</b> , 55, 94-99	9.1	453
366	In-Edge AI: Intelligentizing Mobile Edge Computing, Caching and Communication by Federated Learning. <i>IEEE Network</i> , <b>2019</b> , 33, 156-165	11.4	354
365	A Survey on Internet of Things From Industrial Market Perspective. <i>IEEE Access</i> , <b>2014</b> , 2, 1660-1679	3.5	347
364	Software-Defined Network Function Virtualization: A Survey. <i>IEEE Access</i> , <b>2015</b> , 3, 2542-2553	3.5	297
363	Narrow Band Internet of Things. <i>IEEE Access</i> , <b>2017</b> , 5, 20557-20577	3.5	246
362	Smart Clothing: Connecting Human with Clouds and Big Data for Sustainable Health Monitoring. <i>Mobile Networks and Applications</i> , <b>2016</b> , 21, 825-845	2.9	245
361	A Survey of Green Mobile Networks: Opportunities and Challenges. <i>Mobile Networks and Applications</i> , <b>2012</b> , 17, 4-20	2.9	217
360	A Survey of Recent Developments in Home M2M Networks. <i>IEEE Communications Surveys and Tutorials</i> , <b>2014</b> , 16, 98-114	37.1	186

359	Wearable 2.0: Enabling Human-Cloud Integration in Next Generation Healthcare Systems <b>2017</b> , 55, 54-61	184
358	On the computation offloading at ad hoc cloudlet: architecture and service modes <b>2015</b> , 53, 18-24	183
357	Edge cognitive computing based smart healthcare system. <i>Future Generation Computer Systems</i> , <b>2018</b> , 86, 403-411	7.5 156
356	Cognitive Internet of Vehicles. <i>Computer Communications</i> , <b>2018</b> , 120, 58-70	5.1 153
355	Enhanced Fingerprinting and Trajectory Prediction for IoT Localization in Smart Buildings. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2016</b> , 13, 1294-1307	4.9 153
354	Energy Efficient Task Caching and Offloading for Mobile Edge Computing. <i>IEEE Access</i> , <b>2018</b> , 6, 11365-11373	3.7 148
353	iDoctor: Personalized and professionalized medical recommendations based on hybrid matrix factorization. <i>Future Generation Computer Systems</i> , <b>2017</b> , 66, 30-35	7.5 145
352	Applications and design issues for mobile agents in wireless sensor networks. <i>IEEE Wireless Communications</i> , <b>2007</b> , 14, 20-26	13.4 143
351	Data-Driven Computing and Caching in 5G Networks: Architecture and Delay Analysis. <i>IEEE Wireless Communications</i> , <b>2018</b> , 25, 70-75	13.4 139
350	EMC: Emotion-aware mobile cloud computing in 5G. <i>IEEE Network</i> , <b>2015</b> , 29, 32-38	11.4 138
349	. <i>IEEE Systems Journal</i> , <b>2016</b> , 10, 1226-1235	4.3 133
348	Rethinking energy efficiency models of cellular networks with embodied energy. <i>IEEE Network</i> , <b>2011</b> , 25, 40-49	11.4 133
347	Deep Feature Learning for Medical Image Analysis with Convolutional Autoencoder Neural Network. <i>IEEE Transactions on Big Data</i> , <b>2017</b> , 1-1	3.2 128
346	CAP: community activity prediction based on big data analysis. <i>IEEE Network</i> , <b>2014</b> , 28, 52-57	11.4 126
345	Mobility-Aware Caching and Computation Offloading in 5G Ultra-Dense Cellular Networks. <i>Sensors</i> , <b>2016</b> , 16,	3.8 122
344	Green and Mobility-Aware Caching in 5G Networks. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 8347-8361	9.6 121
343	5G-Smart Diabetes: Toward Personalized Diabetes Diagnosis with Healthcare Big Data Clouds. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 16-23	9.1 120
342	AIWAC: affective interaction through wearable computing and cloud technology. <i>IEEE Wireless Communications</i> , <b>2015</b> , 22, 20-27	13.4 119

341	A Markov Decision Process-based service migration procedure for follow me cloud <b>2014</b> ,		119
340	From machine-to-machine communications towards cyber-physical systems. <i>Computer Science and Information Systems</i> , <b>2013</b> , 10, 1105-1128	0.8	117
339	Directional geographical routing for real-time video communications in wireless sensor networks. <i>Computer Communications</i> , <b>2007</b> , 30, 3368-3383	5.1	115
338	Cognitive Computing: Architecture, Technologies and Intelligent Applications. <i>IEEE Access</i> , <b>2018</b> , 6, 19774-19783	3.5	114
337	Software-defined internet of things for smart urban sensing <b>2015</b> , 53, 55-63		109
336	Edge-CoCaCo: Toward Joint Optimization of Computation, Caching, and Communication on Edge Cloud. <i>IEEE Wireless Communications</i> , <b>2018</b> , 25, 21-27	13.4	105
335	Energy-Efficiency Optimization for MIMO-OFDM Mobile Multimedia Communication Systems With QoS Constraints. <i>IEEE Transactions on Vehicular Technology</i> , <b>2014</b> , 63, 2127-2138	6.8	103
334	A Dynamic Service Migration Mechanism in Edge Cognitive Computing. <i>ACM Transactions on Internet Technology</i> , <b>2019</b> , 19, 1-15	3.8	100
333	Virtual MIMO-based cross-layer design for wireless sensor networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2006</b> , 55, 856-864	6.8	100
332	Energy Efficient Security Algorithm for Power Grid Wide Area Monitoring System. <i>IEEE Transactions on Smart Grid</i> , <b>2011</b> , 2, 715-723	10.7	98
331	A 2G-RFID-based e-healthcare system. <i>IEEE Wireless Communications</i> , <b>2010</b> , 17, 37-43	13.4	96
330	Energy Efficient Cooperative Computing in Mobile Wireless Sensor Networks. <i>IEEE Transactions on Cloud Computing</i> , <b>2018</b> , 6, 114-126	3.3	95
329	Machine-to-Machine Communications: Architectures, Standards and Applications. <i>KSII Transactions on Internet and Information Systems</i> , <b>2012</b> ,	1.7	95
328	eTime: Energy-efficient transmission between cloud and mobile devices <b>2013</b> ,		93
327	Big Data: Tutorial and guidelines on information and process fusion for analytics algorithms with MapReduce. <i>Information Fusion</i> , <b>2018</b> , 42, 51-61	16.7	90
326	Emotion Communication System. <i>IEEE Access</i> , <b>2017</b> , 5, 326-337	3.5	89
325	Balance of security strength and energy for a PMU monitoring system in smart grid. <i>IEEE Communications Magazine</i> , <b>2012</b> , 50, 142-149	9.1	87
324	Label-less Learning for Traffic Control in an Edge Network. <i>IEEE Network</i> , <b>2018</b> , 32, 8-14	11.4	87

323	A 5G Cognitive System for Healthcare. <i>Big Data and Cognitive Computing</i> , <b>2017</b> , 1, 2	3.5	86
322	SPHA: Smart Personal Health Advisor Based on Deep Analytics. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 164-169	9.1	85
321	Hierarchical-morphology metafabric for scalable passive daytime radiative cooling. <i>Science</i> , <b>2021</b> , 373, 692-696	33.3	84
320	. <i>IEEE Transactions on Services Computing</i> , <b>2018</b> , 11, 549-561	4.8	83
319	Cloud-based Wireless Network: Virtualized, Reconfigurable, Smart Wireless Network to Enable 5G Technologies. <i>Mobile Networks and Applications</i> , <b>2015</b> , 20, 704-712	2.9	81
318	T OSS: Traffic offloading by social network service-based opportunistic sharing in mobile social networks <b>2014</b> ,		80
317	Towards smart city: M2M communications with software agent intelligence. <i>Multimedia Tools and Applications</i> , <b>2013</b> , 67, 167-178	2.5	80
316	. <i>IEEE Transactions on Multimedia</i> , <b>2013</b> , 15, 811-820	6.6	80
315	Mobile Agent Based Wireless Sensor Networks. <i>Journal of Computers</i> , <b>2006</b> , 1,	1.4	80
314	Label-less Learning for Emotion Cognition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 2430-2440	10.3	75
313	Throughput and delay analysis of IEEE 802.15.6-based CSMA/CA protocol. <i>Journal of Medical Systems</i> , <b>2012</b> , 36, 3875-91	5.1	74
312	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2009</b> , 58, 4976-4988	6.8	73
311	Cold-Start Recommendation Using Bi-Clustering and Fusion for Large-Scale Social Recommender Systems. <i>IEEE Transactions on Emerging Topics in Computing</i> , <b>2014</b> , 2, 239-250	4.1	72
310	. <i>IEEE Network</i> , <b>2013</b> , 27, 8-15	11.4	72
309	Software-Defined Mobile Networks Security. <i>Mobile Networks and Applications</i> , <b>2016</b> , 21, 729-743	2.9	70
308	Mobility support for health monitoring at home using wearable sensors. <i>IEEE Transactions on Information Technology in Biomedicine</i> , <b>2011</b> , 15, 539-49		70
307	Urban Healthcare Big Data System Based on Crowdsourced and Cloud-Based Air Quality Indicators. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 14-20	9.1	70
306	Smart Home 2.0: Innovative Smart Home System Powered by Botanical IoT and Emotion Detection. <i>Mobile Networks and Applications</i> , <b>2017</b> , 22, 1159-1169	2.9	69

305	Underwater Optical Image Processing: a Comprehensive Review. <i>Mobile Networks and Applications</i> , <b>2017</b> , 22, 1204-1211	2.9	69
304	Wearable Affective Robot. <i>IEEE Access</i> , <b>2018</b> , 6, 64766-64776	3.5	69
303	Mobile Agent-Based Directed Diffusion in Wireless Sensor Networks. <i>Eurasip Journal on Advances in Signal Processing</i> , <b>2006</b> , 2007, 1	1.9	68
302	NDNC-BAN: Supporting rich media healthcare services via named data networking in cloud-assisted wireless body area networks. <i>Information Sciences</i> , <b>2014</b> , 284, 142-156	7.7	67
301	Cognitive information measurements: A new perspective. <i>Information Sciences</i> , <b>2019</b> , 505,	7.7	66
300	A Novel Cluster-Based Cooperative MIMO Scheme for Multi-Hop Wireless Sensor Networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2006</b> , 2006, 1	3.2	65
299	SA-EAST. <i>Transactions on Embedded Computing Systems</i> , <b>2017</b> , 16, 1-22	1.8	64
298	Balancing energy consumption with mobile agents in wireless sensor networks. <i>Future Generation Computer Systems</i> , <b>2012</b> , 28, 446-456	7.5	63
297	Cognitive-LPWAN: Towards Intelligent Wireless Services in Hybrid Low Power Wide Area Networks. <i>IEEE Transactions on Green Communications and Networking</i> , <b>2019</b> , 3, 409-417	4	62
296	Itinerary Planning for Energy-Efficient Agent Communications in Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2011</b> , 60, 3290-3299	6.8	61
295	. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 96-105	4.3	59
294	Energy-efficient differentiated directed diffusion (EDDD) in wireless sensor networks. <i>Computer Communications</i> , <b>2006</b> , 29, 231-245	5.1	59
293	Audio-visual emotion fusion (AVEF): A deep efficient weighted approach. <i>Information Fusion</i> , <b>2019</b> , 46, 184-192	16.7	58
292	VENDNET: Vehicular Named Data NETwork. <i>Vehicular Communications</i> , <b>2014</b> , 1, 208-213	5.7	55
291	Reliable and energy-efficient routing protocol in dense wireless sensor networks. <i>International Journal of Sensor Networks</i> , <b>2008</b> , 4, 104	0.8	53
290	WE-CARE: an intelligent mobile telecardiology system to enable mHealth applications. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2014</b> , 18, 693-702	7.2	52
289	Secure Enforcement in Cognitive Internet of Vehicles. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 1242-1250	10.7	51
288	. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2013</b> , 31, 2442-2452	14.2	51

287	TIDE: Time-relevant deep reinforcement learning for routing optimization. <i>Future Generation Computer Systems</i> , <b>2019</b> , 99, 401-409	7.5	49
286	<b>2014</b> , 52, 73-79		49
285	. <i>IEEE Transactions on Multimedia</i> , <b>2019</b> , 21, 617-624	6.6	48
284	Blind Filtering at Third Parties: An Efficient Privacy-Preserving Framework for Location-Based Services. <i>IEEE Transactions on Mobile Computing</i> , <b>2018</b> , 17, 2524-2535	4.6	46
283	Toward Gaming as a Service. <i>IEEE Internet Computing</i> , <b>2014</b> , 18, 12-18	2.4	45
282	Code-Centric RFID System Based on Software Agent Intelligence. <i>IEEE Intelligent Systems</i> , <b>2010</b> , 25, 12-19.2	1.2	45
281	A snapshot research and implementation of multimodal information fusion for data-driven emotion recognition. <i>Information Fusion</i> , <b>2020</b> , 53, 209-221	16.7	44
280	A Distributed Position-Based Protocol for Emergency Messages Broadcasting in Vehicular Ad Hoc Networks. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 1218-1227	10.7	43
279	A novel pre-cache schema for high performance Android system. <i>Future Generation Computer Systems</i> , <b>2016</b> , 56, 766-772	7.5	43
278	NetTopo: A framework of simulation and visualization for wireless sensor networks. <i>Ad Hoc Networks</i> , <b>2011</b> , 9, 799-820	4.8	43
277	. <i>IEEE Transactions on Industrial Informatics</i> , <b>2015</b> , 11, 302-312	11.9	41
276	Living with I-Fabric: Smart Living Powered by Intelligent Fabric and Deep Analytics. <i>IEEE Network</i> , <b>2020</b> , 34, 156-163	11.4	39
275	An Integrated Biometric-Based Security Framework Using Wavelet-Domain HMM in Wireless Body Area Networks (WBAN) <b>2011</b> ,		39
274	Privacy Protection and Intrusion Avoidance for Cloudlet-Based Medical Data Sharing. <i>IEEE Transactions on Cloud Computing</i> , <b>2020</b> , 8, 1274-1283	3.3	39
273	Self-Organized Relay Selection for Cooperative Transmission in Vehicular Ad-Hoc Networks. <i>IEEE Transactions on Vehicular Technology</i> , <b>2017</b> , 66, 9534-9549	6.8	38
272	Buffer State is Enough: Simplifying the Design of QoE-Aware HTTP Adaptive Video Streaming. <i>IEEE Transactions on Broadcasting</i> , <b>2018</b> , 64, 590-601	4.7	36
271	From cloud-based communications to cognition-based communications: A computing perspective. <i>Computer Communications</i> , <b>2018</b> , 128, 74-79	5.1	35
270	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2017</b> , 27, 1777-1789	6.4	34

269	ASA: Against statistical attacks for privacy-aware users in Location Based Service. <i>Future Generation Computer Systems</i> , <b>2017</b> , 70, 48-58	7.5	34
268	An Optimal Pricing Scheme for the Energy-Efficient Mobile Edge Computation Offloading With OFDMA. <i>IEEE Communications Letters</i> , <b>2018</b> , 22, 1922-1925	3.8	34
267	Statistical Learning for Anomaly Detection in Cloud Server Systems: A Multi-Order Markov Chain Framework. <i>IEEE Transactions on Cloud Computing</i> , <b>2018</b> , 6, 401-413	3.3	32
266	Coping With Emerging Mobile Social Media Applications Through Dynamic Service Function Chaining. <i>IEEE Transactions on Wireless Communications</i> , <b>2016</b> , 15, 2859-2871	9.6	32
265	PWDGR: Pair-Wise Directional Geographical Routing Based on Wireless Sensor Network. <i>IEEE Internet of Things Journal</i> , <b>2015</b> , 2, 14-22	10.7	32
264	Multi-Agent Itinerary Planning for Wireless Sensor Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2009</b> , 584-597	0.2	32
263	Metaheuristic Algorithms for Healthcare: Open Issues and Challenges. <i>Computers and Electrical Engineering</i> , <b>2016</b> , 53, 421-434	4.3	31
262	Receiver-oriented load-balancing and reliable routing in wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , <b>2009</b> , 9, 405-416	1.9	31
261	AI-Skin: Skin disease recognition based on self-learning and wide data collection through a closed-loop framework. <i>Information Fusion</i> , <b>2020</b> , 54, 1-9	16.7	31
260	A unified control and optimization framework for dynamical service chaining in software-defined NFV system. <i>IEEE Wireless Communications</i> , <b>2015</b> , 22, 15-23	13.4	30
259	Mobile cellular big data: linking cyberspace and the physical world with social ecology. <i>IEEE Network</i> , <b>2016</b> , 30, 6-12	11.4	28
258	Mobility prediction in telecom cloud using mobile calls. <i>IEEE Wireless Communications</i> , <b>2014</b> , 21, 26-32	13.4	27
257	Directional Controlled Fusion in Wireless Sensor Networks. <i>Mobile Networks and Applications</i> , <b>2009</b> , 14, 220-229	2.9	27
256	. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2015</b> , 25, 2064-2077	6.4	26
255	Content dissemination by pushing and sharing in mobile cellular networks: An analytical study <b>2012</b>		26
254	Social-aware energy efficiency optimization for device-to-device communications in 5G networks. <i>Computer Communications</i> , <b>2018</b> , 120, 102-111	5.1	25
253	Enabling low bit-rate and reliable video surveillance over practical wireless sensor network. <i>Journal of Supercomputing</i> , <b>2013</b> , 65, 287-300	2.5	25
252	Job schedulers for Big data processing in Hadoop environment: testing real-life schedulers using benchmark programs. <i>Digital Communications and Networks</i> , <b>2017</b> , 3, 260-273	5.9	25



251	. <i>IEEE Transactions on Multimedia</i> , <b>2013</b> , 15, 946-956	6.6	25
250	Adaptive traffic load-balancing for green cellular networks <b>2011</b> ,		25
249	Intelligent Traffic Adaptive Resource Allocation for Edge Computing-based 5G Networks. <i>IEEE Transactions on Cognitive Communications and Networking</i> , <b>2019</b> , 6,	6.6	25
248	DeepFocus: Deep Encoding Brainwaves and Emotions with Multi-Scenario Behavior Analytics for Human Attention Enhancement. <i>IEEE Network</i> , <b>2019</b> , 33, 70-77	11.4	24
247	Mobile traffic offloading by exploiting social network services and leveraging opportunistic device-to-device sharing. <i>IEEE Wireless Communications</i> , <b>2014</b> , 21, 28-36	13.4	23
246	Cooperative communications with relay selection for wireless networks: design issues and applications. <i>Wireless Communications and Mobile Computing</i> , <b>2013</b> , 13, 745-759	1.9	23
245	MRL-CC: a novel cooperative communication protocol for QoS provisioning in wireless sensor networks. <i>International Journal of Sensor Networks</i> , <b>2010</b> , 8, 98	0.8	22
244	The introduction of population migration to SEIAR for COVID-19 epidemic modeling with an efficient intervention strategy. <i>Information Fusion</i> , <b>2020</b> , 64, 252-258	16.7	22
243	A collaborative computing framework of cloud network and WBSN applied to fall detection and 3-D motion reconstruction. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2014</b> , 18, 457-66	7.2	21
242	. <i>IEEE Transactions on Consumer Electronics</i> , <b>2004</b> , 50, 158-167	4.8	21
241	A Cognitive Platform for Mobile Cloud Gaming <b>2013</b> ,		20
240	Balanced Itinerary Planning for Multiple Mobile Agents in Wireless Sensor Networks. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2010</b> , 416-428	0.2	20
239	Modeling for Information Diffusion in Online Social Networks via Hydrodynamics. <i>IEEE Access</i> , <b>2017</b> , 5, 128-135	3.5	19
238	Wireless Fractal Ultra-Dense Cellular Networks. <i>Sensors</i> , <b>2017</b> , 17,	3.8	19
237	FGPC <b>2014</b> ,		19
236	User behaviour modeling, recommendations, and purchase prediction during shopping festivals. <i>Electronic Markets</i> , <b>2019</b> , 29, 263-274	4.8	19
235	Profit Maximization through Online Advertising Scheduling for a Wireless Video Broadcast Network. <i>IEEE Transactions on Mobile Computing</i> , <b>2016</b> , 15, 2064-2079	4.6	18
234	Energy Efficiency Evaluation of Multi-Tier Cellular Uplink Transmission Under Maximum Power Constraint. <i>IEEE Transactions on Wireless Communications</i> , <b>2017</b> , 16, 7092-7107	9.6	18

233	Mobile multimedia sensor networks: architecture and routing. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2011</b> , 2011,	3.2	18
232	A Genetic Algorithm Approach to Multi-Agent Itinerary Planning in Wireless Sensor Networks. <i>Mobile Networks and Applications</i> , <b>2011</b> , 16, 782-793	2.9	18
231	Spatial-Temporal relation-based Energy-Efficient Reliable routing protocol in wireless sensor networks. <i>International Journal of Sensor Networks</i> , <b>2009</b> , 5, 129	0.8	18
230	Cross-Layer and Path Priority Scheduling Based Real-Time Video Communications over Wireless Sensor Networks. <i>IEEE Vehicular Technology Conference</i> , <b>2008</b> ,	0.1	18
229	Related Technologies. <i>SpringerBriefs in Computer Science</i> , <b>2014</b> , 11-18	0.4	18
228	A cross-layer design for a software-defined millimeter-wave mobile broadband system <b>2016</b> , 54, 124-130		17
227	A survey of security visualization for computer network logs. <i>Security and Communication Networks</i> , <b>2012</b> , 5, 404-421	1.9	17
226	A network coding based routing protocol for underwater sensor networks. <i>Sensors</i> , <b>2012</b> , 12, 4559-77	3.8	17
225	Frame-Based Medium Access Control for 5G Wireless Networks. <i>Mobile Networks and Applications</i> , <b>2015</b> , 20, 763-772	2.9	16
224	A DSRC-Based Vehicular Positioning Enhancement Using a Distributed Multiple-Model Kalman Filter. <i>IEEE Access</i> , <b>2016</b> , 4, 8338-8350	3.5	16
223	ROCHAS: Robotics and Cloud-assisted Healthcare System for Empty Nester <b>2013</b> ,		16
222	Temporal-Spatial Mobile Application Usage Understanding and Popularity Prediction for Edge Caching. <i>IEEE Wireless Communications</i> , <b>2018</b> , 25, 36-42	13.4	15
221	Emotion-Aware Video QoE Assessment Via Transfer Learning. <i>IEEE MultiMedia</i> , <b>2019</b> , 26, 31-40	2.1	15
220	Energy-Delay Evaluation and Optimization for NB-IoT PSM With Periodic Uplink Reporting. <i>IEEE Access</i> , <b>2019</b> , 7, 3074-3081	3.5	14
219	. <i>IEEE Systems, Man, and Cybernetics Magazine</i> , <b>2020</b> , 6, 14-22	1.6	14
218	Distributed multi-hop cooperative communication in dense wireless sensor networks. <i>Journal of Supercomputing</i> , <b>2011</b> , 56, 353-369	2.5	14
217	Personalized Multimedia Recommendations for Cloud-Integrated Cyber-Physical Systems. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 106-117	4.3	13
216	Directional source grouping for multi-agent itinerary planning in wireless sensor networks <b>2010</b> ,		13

215	<b>2005,</b>			13
214	Towards collusion-attack-resilient group key management using one-way function tree. <i>Computer Networks</i> , <b>2016</b> , 104, 16-26	5.4		13
213	. <i>IEEE Transactions on Vehicular Technology</i> , <b>2015</b> , 64, 4230-4244	6.8		12
212	Profit Maximization for Video Caching and Processing in Edge Cloud. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2019</b> , 37, 1632-1641	14.2		12
211	Body Area Networks. <i>Springer Series on Chemical Sensors and Biosensors</i> , <b>2012</b> , 17-37	2		12
210	Deep Reinforcement Learning for Edge Service Placement in Softwarized Industrial Cyber-Physical System. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 17, 5552-5561	11.9		12
209	A Science Gateway Cloud With Cost-Adaptive VM Management for Computational Science and Applications. <i>IEEE Systems Journal</i> , <b>2017</b> , 11, 173-185	4.3		11
208	Large-Scale Mobile Fitness App Usage Analysis for Smart Health. <i>IEEE Communications Magazine</i> , <b>2018</b> , 56, 46-52	9.1		11
207	SCAI-SVSC: Smart clothing for effective interaction with a sustainable vital sign collection. <i>Future Generation Computer Systems</i> , <b>2018</b> , 86, 329-338	7.5		11
206	Graph Theory Based Capacity Analysis for Vehicular Ad Hoc Networks <b>2015</b> ,			11
205	Characterizing the gaming traffic of World of Warcraft: From game scenarios to network access technologies. <i>IEEE Network</i> , <b>2012</b> , 26, 27-34	11.4		11
204	Power-efficient video encoding on resource-limited systems: A game-theoretic approach. <i>Future Generation Computer Systems</i> , <b>2012</b> , 28, 427-436	7.5		11
203	. <i>IEEE Systems Journal</i> , <b>2011</b> , 5, 555-563	4.3		11
202	IPSA: a novel architecture design for integrating IP and sensor networks. <i>International Journal of Sensor Networks</i> , <b>2009</b> , 5, 48	0.8		11
201	Distribution of PAR in DMT systems. <i>Electronics Letters</i> , <b>2003</b> , 39, 799	1.1		11
200	Virtual Coordinates Based Routing in Wireless Sensor Networks. <i>Sensor Letters</i> , <b>2006</b> , 4, 325-330	0.9		11
199	CHPC: A complex semantic-based secured approach to heritage preservation and secure IoT-based museum processes. <i>Computer Communications</i> , <b>2019</b> , 148, 240-249	5.1		10
198	Toward Cost-Effective Mobile Video Streaming via Smart Cache With Adaptive Thresholding. <i>IEEE Transactions on Broadcasting</i> , <b>2015</b> , 61, 639-650	4.7		10

197	Advances in Mobile Cloud Computing. <i>Mobile Networks and Applications</i> , <b>2014</b> , 19, 131-132	2.9	10
196	Open Issues and Outlook. <i>SpringerBriefs in Computer Science</i> , <b>2014</b> , 81-89	0.4	10
195	A novel web-enabled healthcare solution on health vault system. <i>Journal of Medical Systems</i> , <b>2012</b> , 36, 1095-105	5.1	10
194	Threshold behavior of multi-path random key pre-distribution for sparse wireless sensor networks. <i>Mathematical and Computer Modelling</i> , <b>2013</b> , 57, 2776-2787		10
193	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> , <b>2016</b> , 81-93	0.2	10
192	An Effective Fuel-Level Data Cleaning and Repairing Method for Vehicle Monitor Platform. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 410-422	11.9	10
191	Proactive Cache-Based Location Privacy Preserving for Vehicle Networks. <i>IEEE Wireless Communications</i> , <b>2018</b> , 25, 77-83	13.4	10
190	Cognitive-Caching: Cognitive Wireless Mobile Caching by Learning Fine-Grained Caching-Aware Indicators. <i>IEEE Wireless Communications</i> , <b>2020</b> , 27, 100-106	13.4	9
189	. <i>IEEE Transactions on Multimedia</i> , <b>2018</b> , 20, 1512-1524	6.6	9
188	QoS provisioning wireless multimedia transmission over cognitive radio networks. <i>Multimedia Tools and Applications</i> , <b>2013</b> , 67, 213-229	2.5	9
187	AMVSC: A framework of adaptive mobile video streaming in the cloud <b>2012</b> ,		9
186	Forming priority based and energy balanced ZigBee networks pricing approach. <i>Telecommunication Systems</i> , <b>2011</b> , 52, 1281	2.3	9
185	Mobile multimedia sensor networks: Architecture and routing <b>2011</b> ,		9
184	Spatial parameters for audio coding: MDCT domain analysis and synthesis. <i>Multimedia Tools and Applications</i> , <b>2010</b> , 48, 225-246	2.5	9
183	Utility Maximization of Cloud-Based In-Car Video Recording Over Vehicular Access Networks. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 5213-5226	10.7	8
182	iTaskOffloading: Intelligent Task Offloading for a Cloud-Edge Collaborative System. <i>IEEE Network</i> , <b>2019</b> , 33, 82-88	11.4	8
181	Next Generation Mobile Cloud Gaming <b>2013</b> ,		8
180	Big Data Analysis. <i>SpringerBriefs in Computer Science</i> , <b>2014</b> , 51-58	0.4	8

179	Energy equilibrium based on corona structure for wireless sensor networks. <i>Wireless Communications and Mobile Computing</i> , <b>2012</b> , 12, 1203-1214	1.9	8
178	Internal Threats Avoiding Based Forwarding Protocol in Social Selfish Delay Tolerant Networks <b>2011</b> ,		8
177	On multipath balancing and expanding for wireless multimedia sensor networks. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , <b>2012</b> , 9, 95	0.7	8
176	Programmable Middleware for Wireless Sensor Networks Applications Using Mobile Agents. <i>Mobile Networks and Applications</i> , <b>2010</b> , 15, 853-865	2.9	8
175	Cross-layer wireless video adaptation: Tradeoff between distortion and delay. <i>Computer Communications</i> , <b>2010</b> , 33, 1615-1622	5.1	8
174	6G Cognitive Information Theory: A Mailbox Perspective. <i>Big Data and Cognitive Computing</i> , <b>2021</b> , 5, 56	3.5	8
173	AI Agent in Software-Defined Network: Agent-Based Network Service Prediction and Wireless Resource Scheduling Optimization. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 5816-5826	10.7	8
172	Multimodal feature-wise co-attention method for visual question answering. <i>Information Fusion</i> , <b>2021</b> , 73, 1-10	16.7	8
171	OPNET IoT Simulation <b>2019</b> ,		7
170	Efficient Upstream Bandwidth Multiplexing for Cloud Video Recording Services. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , <b>2016</b> , 26, 1893-1906	6.4	7
169	Guest Editorial Special Issue on Cognitive Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2018</b> , 5, 2259-2262	10.7	7
168	Decentralized checking of context inconsistency in pervasive computing environments. <i>Journal of Supercomputing</i> , <b>2013</b> , 64, 256-273	2.5	7
167	Enabling comfortable sports therapy for patient: A novel lightweight durable and portable ECG monitoring system <b>2013</b> ,		7
166	Low Complexity and Robust Codebook-Based Analog Beamforming for Millimeter Wave MIMO Systems. <i>IEEE Access</i> , <b>2017</b> , 5, 19824-19834	3.5	7
165	Vehicular Inter-Networking via Named Data - An OPNET Simulation Study. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2014</b> , 116-125	0.2	7
164	Unveiling 5G wireless networks: emerging research advances, prospects, and challenges [Guest Editorial]. <i>IEEE Network</i> , <b>2014</b> , 28, 3-5	11.4	7
163	Deep interaction: Wearable robot-assisted emotion communication for enhancing perception and expression ability of children with Autism Spectrum Disorders. <i>Future Generation Computer Systems</i> , <b>2020</b> , 108, 709-716	7.5	7
162	. <i>IEEE Transactions on Multimedia</i> , <b>2016</b> , 18, 1749-1761	6.6	7

161	User Intent-Oriented Video QoE with Emotion Detection Networking <b>2016</b> ,		7
160	Message-locked proof of ownership and retrievability with remote repairing in cloud. <i>Security and Communication Networks</i> , <b>2016</b> , 9, 3452-3466	1.9	7
159	Energy consumption optimization for green Device-to-Device multimedia communications. <i>Future Generation Computer Systems</i> , <b>2019</b> , 92, 1131-1141	7.5	7
158	Intelligent Task Caching in Edge Cloud via Bandit Learning. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 8,	4.9	7
157	Reliability-Aware Joint Optimization for Cooperative Vehicular Communication and Computing. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 5437-5446	6.1	7
156	An Efficient and Accurate Link Latency Monitoring Method for Low-Latency Software-Defined Networks. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2019</b> , 68, 377-391	5.2	6
155	Quantifying the Influence of Intermittent Connectivity on Mobile Edge Computing. <i>IEEE Transactions on Cloud Computing</i> , <b>2019</b> , 1-1	3.3	6
154	Artificial Intelligence for Cognitive Wireless Communications. <i>IEEE Wireless Communications</i> , <b>2019</b> , 26, 10-11	13.4	6
153	. <i>IEEE Systems Journal</i> , <b>2014</b> , 8, 202-207	4.3	6
152	A multi-channel architecture for IPv6-enabled wireless sensor and actuator networks featuring PnP support. <i>Journal of Network and Computer Applications</i> , <b>2014</b> , 37, 12-24	7.9	6
151	Analytical Model of Spread of Epidemics in Open Finite Regions. <i>IEEE Access</i> , <b>2017</b> , 5, 9673-9681	3.5	6
150	The virtue of sharing: Efficient content delivery in Wireless Body Area Networks for ubiquitous healthcare <b>2013</b> ,		6
149	Adaptive Reliable Routing Based on Cluster Hierarchy for Wireless Multimedia Sensor Networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2010</b> , 2010,	3.2	6
148	Green multimedia communications over Internet of Things <b>2012</b> ,		6
147	P-FedAvg: Parallelizing Federated Learning with Theoretical Guarantees <b>2021</b> ,		6
146	An energy efficiency solution for WBAN in healthcare monitoring system <b>2016</b> ,		6
145	Integrating Social Networks with Mobile Device-to-Device Services. <i>IEEE Transactions on Services Computing</i> , <b>2019</b> , 1-1	4.8	6
144	Cooperative Content Transmission for Vehicular Ad Hoc Networks using Robust Optimization <b>2018</b> ,		6

143	Virtual-Pod-Assisted Routing and Resource Assignment in Elastic All-Optical Intra-Datacenter Networks. <i>IEEE Access</i> , <b>2017</b> , 5, 406-420	3.5	5
142	. <i>IEEE Network</i> , <b>2019</b> , 33, 6-8	11.4	5
141	HMCC: A Hybrid Mobile Cloud Computing Framework Exploiting Heterogeneous Resources <b>2015</b> ,		5
140	LTE-based humanoid robotics system. <i>Microprocessors and Microsystems</i> , <b>2015</b> , 39, 1279-1284	2.4	5
139	Measuring and Analyzing Third-Party Mobile Game App Stores in China. <i>IEEE Transactions on Network and Service Management</i> , <b>2016</b> , 13, 793-805	4.8	5
138	Information diffusion prediction in mobile social networks with hydrodynamic model <b>2016</b> ,		5
137	Quality-driven secure audio transmissions in wireless multimedia sensor networks. <i>Multimedia Tools and Applications</i> , <b>2013</b> , 67, 119-135	2.5	5
136	MM3C: Multi-Source Mobile Streaming in Cache-Enabled Content-Centric Networks <b>2015</b> ,		5
135	Performance analysis of cooperative spatial multiplexing networks with AF/DF relaying and linear receiver over Rayleigh fading channels. <i>Wireless Communications and Mobile Computing</i> , <b>2015</b> , 15, 500-509	1.9	5
134	Big Data Applications. <i>SpringerBriefs in Computer Science</i> , <b>2014</b> , 59-79	0.4	5
133	Epidemic theory based H + 1 hop forwarding for intermittently connected mobile ad hoc networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2012</b> , 2012,	3.2	5
132	A RF4CE-based remote controller with interactive graphical user interface applied to home automation system. <i>Transactions on Embedded Computing Systems</i> , <b>2013</b> , 12, 1-19	1.8	5
131	FAR: A fault-avoidance routing method for data center networks with regular topology <b>2013</b> ,		5
130	Applications of Mobile Agents in Wireless Networks and Mobile Computing. <i>Advances in Computers</i> , <b>2011</b> , 82, 113-163	2.9	5
129	Enabling fast brain-computer interaction by single-trial extraction of visual evoked potentials. <i>Journal of Medical Systems</i> , <b>2011</b> , 35, 1323-31	5.1	5
128	Design, Implementation and Case Study of WISEMAN: WIREless Sensors Employing Mobile AGEnts. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2009</b> , 366-380	0.2	5
127	Big Data Storage. <i>SpringerBriefs in Computer Science</i> , <b>2014</b> , 33-49	0.4	5
126	Attention-Based Gait Recognition and Walking Direction Estimation in Wi-Fi Networks. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 1-1	4.6	5

125	Cognitive Wearable Robotics for Autism Perception Enhancement. <i>ACM Transactions on Internet Technology</i> , <b>2021</b> , 21, 1-16	3.8	5
124	M-plan: Multipath Planning based transmissions for IoT multimedia sensing <b>2016</b> ,		5
123	From Cellular Decision Making to Adaptive Handoff in Heterogeneous Wireless Networks. <i>IEEE Wireless Communications Letters</i> , <b>2018</b> , 7, 2-5	5.9	5
122	Combining cross-modal knowledge transfer and semi-supervised learning for speech emotion recognition. <i>Knowledge-Based Systems</i> , <b>2021</b> , 229, 107340	7.3	5
121	. <i>IEEE Transactions on Multimedia</i> , <b>2018</b> , 20, 1024-1032	6.6	4
120	Power synergy to enhance DCI reliability for OFDM-based mobile system optimization <b>2014</b> ,		4
119	Wait, focus and spray: efficient data delivery in wireless sensor networks with ubiquitous mobile data collectors. <i>Telecommunication Systems</i> , <b>2013</b> , 52, 2503-2517	2.3	4
118	Cloud Broker and Cloudlet for Workflow Scheduling. <i>KAIST Research Series</i> , <b>2017</b> ,		4
117	COMER: Cloud-based medicine recommendation <b>2014</b> ,		4
116	Resource management for cognitive cloud gaming <b>2014</b> ,		4
115	Big Data Generation and Acquisition. <i>SpringerBriefs in Computer Science</i> , <b>2014</b> , 19-32	0.4	4
114	Performance analysis of contention access period of IEEE 802.15.3 MAC protocol. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , <b>2013</b> , 13, 158	0.7	4
113	A game-theoretic approach for relay assignment over distributed wireless networks <b>2011</b> ,		4
112	A perceptual macroblock layer power control for energy scalable video encoder based on just noticeable distortion principle. <i>Journal of Network and Computer Applications</i> , <b>2011</b> , 34, 1489-1497	7.9	4
111	A game-theoretic approach for relay assignment over distributed wireless networks. <i>Wireless Communications and Mobile Computing</i> , <b>2011</b> , 11, 1646-1656	1.9	4
110	Soft QoS Provisioning for wireless sensor networks: A cooperative communications approach <b>2010</b> ,		4
109	Human-Like Hybrid Caching in Software-Defined Edge Cloud. <i>IEEE Internet of Things Journal</i> , <b>2020</b> , 7, 5806-5815	10.7	4
108	ILAS-IoT: An improved and lightweight authentication scheme for IoT deployment. <i>Journal of Ambient Intelligence and Humanized Computing</i> , <b>2020</b> , 1	3.7	4



107	Performance analysis of K-tier cellular networks with time-switching energy harvesting <b>2016</b> ,		4
106	Smart Micro-GaS: A Cognitive Micro Natural Gas Industrial Ecosystem Based on Mixed Blockchain and Edge Computing. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 2289-2299	10.7	4
105	Depression Analysis and Recognition Based on Functional Near-Infrared Spectroscopy. <i>IEEE Journal of Biomedical and Health Informatics</i> , <b>2021</b> , 25, 4289-4299	7.2	4
104	Toward next-generation Internet of Things: guest editorial. <i>Telecommunication Systems</i> , <b>2016</b> , 62, 1-2	2.3	3
103	Intelligent Search and Find System for Robotic Platform Based on Smart Edge Computing Service. <i>IEEE Access</i> , <b>2020</b> , 8, 108821-108834	3.5	3
102	Exploiting user reviews for automatic movie tagging. <i>Multimedia Tools and Applications</i> , <b>2020</b> , 79, 11399-11419	2.4	3
101	Cost-aware optimal data allocations for multiple dimensional heterogeneous memories using dynamic programming in big data. <i>Journal of Computational Science</i> , <b>2018</b> , 26, 402-408	3.4	3
100	Cloudified and Software Defined 5G Networks: Architecture, Solutions, and Emerging Applications. <i>Mobile Networks and Applications</i> , <b>2016</b> , 21, 727-728	2.9	3
99	Exploiting Interference for Capacity Improvement in Software-Defined Vehicular Networks. <i>IEEE Access</i> , <b>2017</b> , 5, 10662-10673	3.5	3
98	Discovering influential users in micro-blog marketing with influence maximization mechanism <b>2012</b> ,		3
97	Security enhancement mechanism based on contextual authentication and role analysis for 2G-RFID systems. <i>Sensors</i> , <b>2011</b> , 11, 6743-59	3.8	3
96	Design and integration of the OpenCore-based mobile TV framework for DVB-H/T wireless network. <i>Multimedia Systems</i> , <b>2011</b> , 17, 299-311	2.2	3
95	ESVD: An Integrated Energy Scalable Framework for Low-Power Video Decoding Systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2010</b> , 2010,	3.2	3
94	Secured Two Phase Geographic Forwarding Protocol in Wireless Multimedia Sensor Networks <b>2010</b> ,		3
93	Efficient Data Delivery in Wireless Sensor Networks with Ubiquitous Mobile Data Collectors <b>2010</b> ,		3
92	Influence Strength Aware Diffusion Models for Dynamic Influence Maximization in Social Networks <b>2011</b> ,		3
91	Robot swarm communication networks: Architectures, protocols, and applications <b>2008</b> ,		3
90	Congestion-aware adaptive decentralised computation offloading and caching for multi-access edge computing networks. <i>IET Communications</i> , <b>2020</b> , 14, 3410-3419	1.3	3

89	Learning-Driven Decentralized Machine Learning in Resource-Constrained Wireless Edge Computing <b>2021</b> ,		3
88	Deep Reinforcement Learning for Scenario-Based Robust Economic Dispatch Strategy in Internet of Energy. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 9654-9663	10.7	3
87	Collaboratively Replicating Encoded Content on RSUs to Enhance Video Services for Vehicles. <i>IEEE Transactions on Mobile Computing</i> , <b>2021</b> , 20, 877-892	4.6	3
86	Semantics-Aware Privacy Risk Assessment Using Self-Learning Weight Assignment for Mobile Apps. <i>IEEE Transactions on Dependable and Secure Computing</i> , <b>2021</b> , 18, 15-29	3.9	3
85	POEM: On Establishing a Personal On-Demand Execution Environment for Mobile Cloud Applications <b>2015</b> ,		2
84	Special Issue on Mobile Big Data Management and Innovative Applications. <i>IEEE Transactions on Services Computing</i> , <b>2016</b> , 9, 784-785	4.8	2
83	Definable Networking. <i>SpringerBriefs in Computer Science</i> , <b>2016</b> , 33-58	0.4	2
82	Advances in Green Mobile Networks. <i>Mobile Networks and Applications</i> , <b>2012</b> , 17, 1-3	2.9	2
81	VM Placement via Resource Brokers in a Cloud Datacenter. <i>KAIST Research Series</i> , <b>2017</b> , 47-73		2
80	IEEE Access Special Section Editorial: 5G Wireless Technologies: Perspectives on the Next Generation of Mobile Communications and Networking. <i>IEEE Access</i> , <b>2014</b> , 2, 1686-1688	3.5	2
79	MM-QoS for BAN: Multi-level MAC-layer QoS design in body area networks <b>2013</b> ,		2
78	CAMSPF: Cloud-assisted mobile service provision framework supporting personalized user demands in pervasive computing environment <b>2013</b> ,		2
77	A price-based approach to optimize resource sharing between cellular data networks and WLANs. <i>Telecommunication Systems</i> , <b>2011</b> , 52, 485	2.3	2
76	Research on energy efficient fusion-driven routing in wireless multimedia sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , <b>2011</b> , 2011,	3.2	2
75	Ubiquitous Body Sensor Networks. <i>Mobile Networks and Applications</i> , <b>2011</b> , 16, 661-662	2.9	2
74	MMOPRG Traffic Measurement, Modeling and Generator over WiFi and WiMax <b>2010</b> ,		2
73	Performance Assessment of Aggregation and De-Aggregation Algorithms for Vehicular Delay-Tolerant Networks <b>2011</b> ,		2
72	Online energy-saving algorithm for sensor networks in dynamic changing environments. <i>Journal of Embedded Computing</i> , <b>2009</b> , 3, 289-298		2

71	The Effect of Bundle Aggregation on the Performance of Vehicular Delay-Tolerant Networks <b>2011</b> ,		2
70	Epidemic theory based H + 1 hop forwarding for intermittently connected mobile Ad Hoc networks <b>2012</b> ,		2
69	Distributed Video Coding: an overview of basics, research issues and solutions. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , <b>2012</b> , 9, 258	0.7	2
68	A novel cooperative communication protocol for QoS provisioning in wireless sensor networks <b>2009</b> ,		2
67	A Multi-feature and Time-aware-based Stress Evaluation Mechanism for Mental Status Adjustment. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , <b>2022</b> , 18, 1-18	3.4	2
66	Negative Information Measurement at AI Edge: A New Perspective for Mental Health Monitoring. <i>ACM Transactions on Internet Technology</i> , <b>2022</b> , 22, 1-16	3.8	2
65	Incentive-Aware Autonomous Client Participation in Federated Learning. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2022</b> , 1-1	3.7	2
64	Medium Access Control Layer for Underwater Sensor Networks <b>2010</b> , 225-248		2
63	Programmable Re-tasking of Wireless Sensor Networks Using WISEMAN. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , <b>2010</b> , 780-794	0.2	2
62	Generative adversarial network based abnormal behavior detection in massive crowd videos: a Hajj case study. <i>Journal of Ambient Intelligence and Humanized Computing</i> ,1	3.7	2
61	Adaptive VM Management with Two Phase Power Consumption Cost Models in Cloud Datacenter. <i>Mobile Networks and Applications</i> , <b>2016</b> , 21, 793-805	2.9	2
60	MER-WearNet: Medical-Emergency Response Wearable Networking Powered by UAV-Assisted Computing Offloading and WPT. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2021</b> , 1-1	4.9	2
59	Special Issue on Methods and Infrastructures for Data Mining at the Edge of Internet of Things. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 10220-10221	10.7	2
58	Mobile Device as Cloud Broker for Computation Offloading at Cloudlets. <i>KAIST Research Series</i> , <b>2017</b> , 135-146		1
57	A Sustainable Multi-modal Multi-layer Emotion-aware Service at the Edge. <i>IEEE Transactions on Sustainable Computing</i> , <b>2019</b> , 1-1	3.5	1
56	Measurement and analysis of online gaming services on mobile WiMAX networks. <i>Wireless Communications and Mobile Computing</i> , <b>2015</b> , 15, 1198-1211	1.9	1
55	5G-Based Applications. <i>SpringerBriefs in Computer Science</i> , <b>2016</b> , 79-84	0.4	1
54	Non-cooperative game-based packet ferry forwarding for sparse mobile wireless networks. <i>Wireless Communications and Mobile Computing</i> , <b>2015</b> , 15, 1633-1648	1.9	1

53	Botnet Topology Reconstruction: A Case Study <b>2012</b> ,		1
52	A Service-oriented Self-adaptive CCE (S2-CCE) configuration mechanism to enhance time-sensitive mHealth applications <b>2013</b> ,		1
51	Contextual role-based security enhancement mechanism for 2G-RFID systems <b>2011</b> ,		1
50	Analysis of Multi-path Random Key Pre-distribution for Wireless Sensor Networks <b>2011</b> ,		1
49	Optimizing Video Caching at the Edge: A Hybrid Multi-Point Process Approach. <i>IEEE Transactions on Parallel and Distributed Systems</i> , <b>2022</b> , 1-1	3.7	1
48	Joint Data Collection and Resource Allocation for Distributed Machine Learning at the Edge. <i>IEEE Transactions on Mobile Computing</i> , <b>2020</b> , 1-1	4.6	1
47	Power Scalable Video Encoding Strategy Based on Game Theory. <i>Lecture Notes in Computer Science</i> , <b>2009</b> , 1237-1243	0.9	1
46	Background Introduction of the Internet of Things <b>2019</b> , 1-76		1
45	Big Data: A Survey		1
44	Green Wireless Networks. <i>SpringerBriefs in Computer Science</i> , <b>2016</b> , 59-68	0.4	1
43	On Multipath Balancing and Expanding for Wireless Multimedia Sensor Networks. <i>Communications in Computer and Information Science</i> , <b>2009</b> , 350-359	0.3	1
42	Opportunistic Routing for Load Balancing and Reliable Data Dissemination in Wireless Sensor Networks <b>2011</b> ,		1
41	Guest Editorial Introduction to the Special Issue on Deep Learning Models for Safe and Secure Intelligent Transportation Systems. <i>IEEE Transactions on Intelligent Transportation Systems</i> , <b>2021</b> , 22, 4224-4229	6.1	1
40	A Strawman privacy-preserving scheme in weighted social networks. <i>Security and Communication Networks</i> , <b>2016</b> , 9, 5625-5638	1.9	1
39	NCKC: Non-Code-aided Key Calculation for group Key Management <b>2016</b> ,		1
38	RAP: A Light-Weight Privacy-Preserving Framework for Recommender Systems. <i>IEEE Transactions on Services Computing</i> , <b>2021</b> , 1-1	4.8	1
37	Collaborative Cloud-Edge Service Cognition Framework for DNN Configuration toward Smart IIoT. <i>IEEE Transactions on Industrial Informatics</i> , <b>2021</b> , 1-1	11.9	1
36	IEEE Access Special Section Editorial: Healthcare Big Data. <i>IEEE Access</i> , <b>2018</b> , 6, 50555-50558	3.5	1

35	Reprint of: From cloud-based communications to cognition-based communications: A computing perspective. <i>Computer Communications</i> , <b>2018</b> , 131, 77-82	5.1	1
34	Intelligent Visual-IoT-Enabled Real-Time 3D Visualization for Autonomous Crowd Management. <i>IEEE Wireless Communications</i> , <b>2021</b> , 28, 34-41	13.4	1
33	On the Performance of LTE/Wi-Fi Dual-Mode Uplink Transmission: Connection Probability Versus Energy Efficiency. <i>IEEE Transactions on Vehicular Technology</i> , <b>2020</b> , 69, 11152-11168	6.8	0
32	Guest Editorial Special Issue on Internet of Things for Smart Health and Emotion Care. <i>IEEE Internet of Things Journal</i> , <b>2021</b> , 8, 16718-16722	10.7	0
31	Decentralized Machine Learning Through Experience-Driven Method in Edge Networks. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2021</b> , 1-1	14.2	0
30	5G-Related Projects. <i>SpringerBriefs in Computer Science</i> , <b>2016</b> , 69-77	0.4	0
29	Adjuvant Therapy System of COVID-19 Patient: Integrating Warning, Therapy, Post-Therapy Psychological Intervention.. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 9, 247-257	4.9	0
28	Advances on Cloud Computing and Technologies. <i>Mobile Networks and Applications</i> , <b>2015</b> , 20, 295-296	2.9	
27	Optimal Epidemic Information Dissemination in Uncertain Dynamic Environment. <i>IEEE Wireless Communications Letters</i> , <b>2018</b> , 7, 518-521	5.9	
26	Cloud-Based Networking. <i>SpringerBriefs in Computer Science</i> , <b>2016</b> , 9-19	0.4	
25	MatrixDCN: a high performance network architecture for large-scale cloud data centers. <i>Wireless Communications and Mobile Computing</i> , <b>2016</b> , 16, 942-959	1.9	
24	Performance analysis and optimization for coverage enhancement strategy of Narrow-band Internet of Things. <i>Future Generation Computer Systems</i> , <b>2019</b> , 101, 434-443	7.5	
23	Opportunistic Task Scheduling Over Co-located Clouds. <i>KAIST Research Series</i> , <b>2017</b> , 147-171		
22	Mobility-Aware Resource Scheduling Cloudlets in Mobile Environment. <i>KAIST Research Series</i> , <b>2017</b> , 173-189		
21	Towards next-generation social media?. <i>New Review of Hypermedia and Multimedia</i> , <b>2015</b> , 21, 197-198	0.8	
20	Uplink energy efficiency analysis for two-tier cellular access networks using kernel function. <i>Telecommunication Systems</i> , <b>2011</b> , 52, 1305	2.3	
19	Non-uniform Pricing and Resource Allocation Economics for HetNet Based on Stackelberg Game. <i>IEEE Communications Letters</i> , <b>2021</b> , 1-1	3.8	
18	Video Communications over Wireless Sensor Networks. <i>Wireless Networks and Mobile Communications</i> , <b>2008</b> , 235-257		

- 17 Network Layer Simulation Using OPNET **2019**, 295-362
- 16 Simulation of Broadband Internet of Things **2019**, 465-525
- 15 Simulation of Narrowband Cellular Internet of Things **2019**, 605-630
- 14 Simulation of Wireless Network Caching **2019**, 631-674
- 13 Simulation of Smart Internet of Things **2019**, 417-463
- 12 Simulation of Green Internet of Things **2019**, 363-415
- 11 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
- 10 Embodied Energy of Communication Devices 55-72
- 9 Cloud Platform for Networking. *SpringerBriefs in Computer Science*, **2016**, 21-31 0.4
- 8 Integrated Cloud Broker System and Its Experimental Evaluation. *KAIST Research Series*, **2017**, 1-45
- 7 An Integrated RFID and Sensor System for Emergency Handling in Underground Coal Mines Environments. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2010**, 818-824 0.2
- 6 Cooperative Geographical Routing in Wireless Sensor Networks **2010**, 141-165
- 5 Mobile Agent Code Updating and Authentication Protocol for Code-Centric RFID System. *Lecture Notes in Computer Science*, **2011**, 243-250 0.9
- 4 Environment Perception for Cognitive Cloud Gaming. *Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering*, **2014**, 3-13 0.2
- 3 Accelerating Federated Learning via Parallel Servers: A Theoretically Guaranteed Approach. *IEEE/ACM Transactions on Networking*, **2022**, 1-15 3.8
- 2 Intelligent Fabric Enabled 6G Semantic Communication System for In-Cabin Scenarios. *IEEE Transactions on Intelligent Transportation Systems*, **2022**, 1-10 6.1
- 1 A Bibliometric Analysis of Intelligent Voice Interaction Based on VOSviewer. *Lecture Notes in Computer Science*, **2022**, 443-455 0.9