

Feng Xia

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.

330
papers

8,132
citations

47
h-index

76
g-index

400
ext. papers

10,344
ext. citations

3.8
avg, IF

6.77
L-index

#	Paper	IF	Citations
330	A survey on virtual machine migration and server consolidation frameworks for cloud data centers. <i>Journal of Network and Computer Applications</i> , 2015 , 52, 11-25	7.9	251
329	Vehicular Social Networks: Enabling Smart Mobility 2017 , 55, 16-55		228
328	A Cooperative Partial Computation Offloading Scheme for Mobile Edge Computing Enabled Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 4804-4814	10.7	205
327	Big Scholarly Data: A Survey. <i>IEEE Transactions on Big Data</i> , 2017 , 3, 18-35	3.2	155
326	QoS Challenges and Opportunities in Wireless Sensor/Actuator Networks. <i>Sensors</i> , 2008 , 8, 1099-1110	3.8	130
325	Deep Reinforcement Learning for Vehicular Edge Computing. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019 , 10, 1-24	8	125
324	. <i>IEEE/ACM Transactions on Networking</i> , 2017 , 25, 2944-2959	3.8	117
323	From machine-to-machine communications towards cyber-physical systems. <i>Computer Science and Information Systems</i> , 2013 , 10, 1105-1128	0.8	117
322	A greedy model with small world for improving the robustness of heterogeneous Internet of Things. <i>Computer Networks</i> , 2016 , 101, 127-143	5.4	114
321	Context-Based Collaborative Filtering for Citation Recommendation. <i>IEEE Access</i> , 2015 , 3, 1695-1703	3.5	113
320	Mobility Dataset Generation for Vehicular Social Networks Based on Floating Car Data. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 3874-3886	6.8	109
319	LoTAD: long-term traffic anomaly detection based on crowdsourced bus trajectory data. <i>World Wide Web</i> , 2018 , 21, 825-847	2.9	105
318	Application optimization in mobile cloud computing: Motivation, taxonomies, and open challenges. <i>Journal of Network and Computer Applications</i> , 2015 , 52, 52-68	7.9	104
317	Localization Technologies for Indoor Human Tracking 2010 ,		103
316	Wireless Sensor/Actuator Network Design for Mobile Control Applications. <i>Sensors</i> , 2007 , 7, 2157-2173	3.8	103
315	Community-diversified influence maximization in social networks. <i>Information Systems</i> , 2020 , 92, 101522	2.7	101
314	Socially Aware Networking: A Survey. <i>IEEE Systems Journal</i> , 2015 , 9, 904-921	4.3	92

313	Green and Sustainable Cloud of Things: Enabling Collaborative Edge Computing. <i>IEEE Communications Magazine</i> , 2019 , 57, 72-78	9.1	91
312	Time-Location-Relationship Combined Service Recommendation Based on Taxi Trajectory Data. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 1202-1212	11.9	90
311	Phone2Cloud: Exploiting computation offloading for energy saving on smartphones in mobile cloud computing. <i>Information Systems Frontiers</i> , 2014 , 16, 95-111	4	90
310	CAIS: A Copy Adjustable Incentive Scheme in Community-Based Socially Aware Networking. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 3406-3419	6.8	89
309	Vehicular Social Networks: A survey. <i>Pervasive and Mobile Computing</i> , 2018 , 43, 96-113	3.5	85
308	Joint Range-Doppler-Angle Estimation for Intelligent Tracking of Moving Aerial Targets. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 1625-1636	10.7	84
307	Cloudlet deployment in local wireless networks: Motivation, architectures, applications, and open challenges. <i>Journal of Network and Computer Applications</i> , 2016 , 62, 18-40	7.9	83
306	A localization method for the Internet of Things. <i>Journal of Supercomputing</i> , 2013 , 63, 657-674	2.5	81
305	Social-Oriented Adaptive Transmission in Opportunistic Internet of Smartphones. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 810-820	11.9	77
304	Energy efficient ant colony algorithms for data aggregation in wireless sensor networks. <i>Journal of Computer and System Sciences</i> , 2012 , 78, 1686-1702	1	72
303	A Cooperative Watchdog System to Detect Misbehavior Nodes in Vehicular Delay-Tolerant Networks. <i>IEEE Transactions on Industrial Electronics</i> , 2015 , 62, 7929-7937	8.9	68
302	Exploring Human Mobility Patterns in Urban Scenarios: A Trajectory Data Perspective. <i>IEEE Communications Magazine</i> , 2018 , 56, 142-149	9.1	67
301	Joint Computation Offloading, Power Allocation, and Channel Assignment for 5G-Enabled Traffic Management Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3058-3067	11.9	66
300	MVCWalker: Random Walk-Based Most Valuable Collaborators Recommendation Exploiting Academic Factors. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2014 , 2, 364-375	4.1	66
299	ERGIT: An efficient routing protocol for emergency response Internet of Things. <i>Journal of Network and Computer Applications</i> , 2016 , 72, 104-112	7.9	65
298	Scientific Article Recommendation: Exploiting Common Author Relations and Historical Preferences. <i>IEEE Transactions on Big Data</i> , 2016 , 2, 101-112	3.2	65
297	Human mobility in opportunistic networks: Characteristics, models and prediction methods. <i>Journal of Network and Computer Applications</i> , 2014 , 42, 45-58	7.9	64
296	Rich Mobile Applications: Genesis, taxonomy, and open issues. <i>Journal of Network and Computer Applications</i> , 2014 , 40, 345-362	7.9	64

295	. <i>IEEE Access</i> , 2018 , 6, 34403-34421	3.5	63
294	Context-Aware Mobile Cloud Computing and Its Challenges. <i>IEEE Cloud Computing</i> , 2015 , 2, 42-49		59
293	Mobile Multimedia Recommendation in Smart Communities: A Survey. <i>IEEE Access</i> , 2013 , 1, 606-624	3.5	59
292	Scientific Paper Recommendation: A Survey. <i>IEEE Access</i> , 2019 , 7, 9324-9339	3.5	59
291	Academic social networks: Modeling, analysis, mining and applications. <i>Journal of Network and Computer Applications</i> , 2019 , 132, 86-103	7.9	57
290	Virtual machine migration in cloud data centers: a review, taxonomy, and open research issues. <i>Journal of Supercomputing</i> , 2015 , 71, 2473-2515	2.5	57
289	Fuzzy Logic Control Based QoS Management in Wireless Sensor/Actuator Networks. <i>Sensors</i> , 2007 , 7, 3179-3191	3.8	56
288	Bibliographic Analysis of Nature Based on Twitter and Facebook Altmetrics Data. <i>PLoS ONE</i> , 2016 , 11, e0165997	3.7	55
287	MapReduce: Review and open challenges. <i>Scientometrics</i> , 2016 , 109, 389-422	3	51
286	Adaptive Beaconing Approaches for Vehicular Ad Hoc Networks: A Survey. <i>IEEE Systems Journal</i> , 2018 , 12, 1263-1277	4.3	50
285	An experimental analysis on cloud-based mobile augmentation in mobile cloud computing. <i>IEEE Transactions on Consumer Electronics</i> , 2014 , 60, 146-154	4.8	50
284	Modeling and Analysis of Large-Scale Urban Mobility for Green Transportation. <i>IEEE Transactions on Industrial Informatics</i> , 2018 , 14, 1469-1481	11.9	47
283	Mobile Crowdsourcing in Smart Cities: Technologies, Applications, and Future Challenges. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8095-8113	10.7	47
282	Scientific collaboration patterns vary with scholars' academic ages. <i>Scientometrics</i> , 2017 , 112, 329-343	3	46
281	Shared Subway Shuttle Bus Route Planning Based on Transport Data Analytics. <i>IEEE Transactions on Automation Science and Engineering</i> , 2018 , 15, 1507-1520	4.9	46
280	iCare: A Mobile Health Monitoring System for the Elderly 2010 ,		44
279	Adaptive GTS allocation in IEEE 802.15.4 for real-time wireless sensor networks. <i>Journal of Systems Architecture</i> , 2013 , 59, 1231-1242	5.5	43
278	Evaluating IEEE 802.15.4 for Cyber-Physical Systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2011 , 2011,	3.2	42

277	PIS: A Multi-Dimensional Routing Protocol for Socially-Aware Networking. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 2825-2836	4.6	41
276	Event-Based Mobile Social Networks: Services, Technologies, and Applications. <i>IEEE Access</i> , 2014 , 2, 500-513	3.3	41
275	Predicting the citations of scholarly paper. <i>Journal of Informetrics</i> , 2019 , 13, 407-418	3.1	40
274	Task-Driven Resource Assignment in Mobile Edge Computing Exploiting Evolutionary Computation. <i>IEEE Wireless Communications</i> , 2019 , 26, 94-101	13.4	40
273	An energy efficient distance-aware routing algorithm with multiple mobile sinks for wireless sensor networks. <i>Sensors</i> , 2014 , 14, 15163-81	3.8	39
272	. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 1188-1200	6.8	37
271	Exploiting Publication Contents and Collaboration Networks for Collaborator Recommendation. <i>PLoS ONE</i> , 2016 , 11, e0148492	3.7	36
270	Big Trajectory Data: A Survey of Applications and Services. <i>IEEE Access</i> , 2018 , 6, 58295-58306	3.5	36
269	A Review on mobile application energy profiling: Taxonomy, state-of-the-art, and open research issues. <i>Journal of Network and Computer Applications</i> , 2015 , 58, 42-59	7.9	35
268	An energy efficient stable election-based routing algorithm for wireless sensor networks. <i>Sensors</i> , 2013 , 13, 14301-20	3.8	35
267	Resource requests prediction in the cloud computing environment with a deep belief network. <i>Software - Practice and Experience</i> , 2017 , 47, 473-488	2.5	34
266	IS2Fun: Identification of Subway Station Functions Using Massive Urban Data. <i>IEEE Access</i> , 2017 , 5, 27103-27113	3.3	34
265	ACRec 2014 ,		34
264	Network QoS Management in Cyber-Physical Systems 2008 ,		34
263	Random Walks: A Review of Algorithms and Applications. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2020 , 4, 95-107	4.1	34
262	Vehicle Trajectory Clustering Based on Dynamic Representation Learning of Internet of Vehicles. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 22, 3567-3576	6.1	34
261	Heterogeneous incentive mechanism for time-sensitive and location-dependent crowdsensing networks with random arrivals. <i>Computer Networks</i> , 2018 , 131, 96-109	5.4	33
260	Identifying Anomalous Citations for Objective Evaluation of Scholarly Article Impact. <i>PLoS ONE</i> , 2016 , 11, e0162364	3.7	33

259	PAVE: Personalized Academic Venue recommendation Exploiting co-publication networks. <i>Journal of Network and Computer Applications</i> , 2018 , 104, 38-47	7.9	32
258	Safety Challenges and Solutions in Mobile Social Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 834-854	4.3	31
257	Improving Smart Conference Participation Through Socially Aware Recommendation. <i>IEEE Transactions on Human-Machine Systems</i> , 2014 , 44, 689-700	4.1	31
256	Social acquaintance based routing in Vehicular Social Networks. <i>Future Generation Computer Systems</i> , 2019 , 93, 751-760	7.5	30
255	A social-based watchdog system to detect selfish nodes in opportunistic mobile networks. <i>Future Generation Computer Systems</i> , 2019 , 92, 777-788	7.5	30
254	Exploiting Social Relationship to Enable Efficient Replica Allocation in Ad-hoc Social Networks. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2014 , 25, 3167-3176	3.7	29
253	An Overview on Evaluating and Predicting Scholarly Article Impact. <i>Information (Switzerland)</i> , 2017 , 8, 73	2.6	29
252	A game-theoretic incentive scheme for social-aware routing in selfish mobile social networks. <i>Future Generation Computer Systems</i> , 2017 , 70, 178-190	7.5	28
251	. <i>IEEE Transactions on Artificial Intelligence</i> , 2021 , 2, 109-127	4.7	28
250	Ranking Station Importance With Human Mobility Patterns Using Subway Network Datasets. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2020 , 21, 2840-2852	6.1	28
249	Implicit Multi-Feature Learning for Dynamic Time Series Prediction of the Impact of Institutions. <i>IEEE Access</i> , 2017 , 5, 16372-16382	3.5	27
248	A High-Order Possibilistic $\mathcal{S}\mathcal{C}\mathcal{S}$ -Means Algorithm for Clustering Incomplete Multimedia Data. <i>IEEE Systems Journal</i> , 2017 , 11, 2160-2169	4.3	26
247	User popularity-based packet scheduling for congestion control in ad-hoc social networks. <i>Journal of Computer and System Sciences</i> , 2016 , 82, 93-112	1	26
246	A Signaling Game for Uncertain Data Delivery in Selfish Mobile Social Networks. <i>IEEE Transactions on Computational Social Systems</i> , 2016 , 3, 100-112	4.5	25
245	Community-Based Event Dissemination with Optimal Load Balancing. <i>IEEE Transactions on Computers</i> , 2015 , 64, 1857-1869	2.5	24
244	Efficiently and Completely Identifying Missing Key Tags for Anonymous RFID Systems. <i>IEEE Internet of Things Journal</i> , 2018 , 5, 2915-2926	10.7	24
243	Geo-Social Distance-Based Data Dissemination for Socially Aware Networking. <i>IEEE Access</i> , 2016 , 4, 1444-1453	3.5	24
242	A Shared Bus Profiling Scheme for Smart Cities Based on Heterogeneous Mobile Crowdsourced Data. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 1436-1444	11.9	24

241	Cooperative data forwarding based on crowdsourcing in vehicular social networks. <i>Pervasive and Mobile Computing</i> , 2018 , 51, 43-55	3.5	24
240	. <i>IEEE Access</i> , 2017 , 5, 17607-17617	3.5	23
239	Sustainable Collaborator Recommendation Based on Conference Closure. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 311-322	4.5	23
238	From triadic closure to conference closure: the role of academic conferences in promoting scientific collaborations. <i>Scientometrics</i> , 2017 , 113, 177-193	3	23
237	BoDMaS: Bio-inspired Selfishness Detection and Mitigation in Data Management for Ad-hoc Social Networks. <i>Ad Hoc Networks</i> , 2017 , 55, 119-131	4.8	23
236	Folksonomy based socially-aware recommendation of scholarly papers for conference participants 2014 ,		23
235	Urban Human Mobility. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2019 , 21, 1-19	4.6	22
234	. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 914-944	37.1	22
233	Predictive compensation for variable network delays and packet losses in networked control systems. <i>Computers and Chemical Engineering</i> , 2012 , 39, 152-162	4	22
232	Building smart communities with cyber-physical systems 2011 ,		22
231	Wireless sensor technologies and applications. <i>Sensors</i> , 2009 , 9, 8824-30	3.8	22
230	A Survey of Scholarly Data Visualization. <i>IEEE Access</i> , 2018 , 6, 19205-19221	3.5	21
229	Scholarly impact assessment: a survey of citation weighting solutions. <i>Scientometrics</i> , 2019 , 118, 453-478		21
228	Socially Aware Conference Participant Recommendation With Personality Traits. <i>IEEE Systems Journal</i> , 2017 , 11, 2255-2266	4.3	20
227	On Achieving Asynchronous Energy-Efficient Neighbor Discovery for Mobile Sensor Networks. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2018 , 6, 553-565	4.1	20
226	Enhancing Efficiency of Node Compromise Attacks in Vehicular Ad-hoc Networks Using Connected Dominating Set. <i>Mobile Networks and Applications</i> , 2013 , 18, 908-922	2.9	20
225	Exploiting social influence for context-aware event recommendation in event-based social networks 2017 ,		20
224	An adaptive MAC protocol for real-time and reliable communications in medical cyber-physical systems. <i>Telecommunication Systems</i> , 2015 , 58, 125-138	2.3	20

223	A Novel Shortcut Addition Algorithm With Particle Swarm for Multisink Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 3566-3577	11.9	20
222	TruCom: Exploiting Domain-Specific Trust Networks for Multicategory Item Recommendation. <i>IEEE Systems Journal</i> , 2017 , 11, 295-304	4.3	19
221	Trust-aware recommendation for improving aggregate diversity. <i>New Review of Hypermedia and Multimedia</i> , 2015 , 21, 242-258	0.8	19
220	Sampling period scheduling of networked control systems with multiple-control loops. <i>Mathematics and Computers in Simulation</i> , 2009 , 79, 1502-1511	3.3	19
219	Data Mining and Information Retrieval in the 21st century: A bibliographic review. <i>Computer Science Review</i> , 2019 , 34, 100193	8.3	18
218	The power of smartphones. <i>Multimedia Systems</i> , 2015 , 21, 87-101	2.2	18
217	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 1-1	4.2	18
216	A survey on decision making for task migration in mobile cloud environments. <i>Personal and Ubiquitous Computing</i> , 2016 , 20, 295-309	2.1	18
215	Cyber-Physical Control Over Wireless Sensor and Actuator Networks with Packet Loss 2011 , 85-102		18
214	Shifu 2017 ,		17
213	Dynamical jumping real-time fault-tolerant routing protocol for wireless sensor networks. <i>Sensors</i> , 2010 , 10, 2416-37	3.8	17
212	Monitoring Energy Consumption of Smartphones 2011 ,		17
211	Integrated Design and Implementation of Embedded Control Systems with Scilab. <i>Sensors</i> , 2008 , 8, 5501-5515	3.5	17
210	Neural Network Based Feedback Scheduler for Networked Control System with Flexible Workload. <i>Lecture Notes in Computer Science</i> , 2005 , 242-251	0.9	17
209	Feedback scheduling. <i>ACM SIGPLAN Notices</i> , 2007 , 42, 7-14	0.2	17
208	CocaRank 2016 ,		17
207	Scholarly paper recommendation based on social awareness and folksonomy. <i>International Journal of Parallel, Emergent and Distributed Systems</i> , 2015 , 30, 211-232	1	16
206	BeeCup: A bio-inspired energy-efficient clustering protocol for mobile learning. <i>Future Generation Computer Systems</i> , 2014 , 37, 449-460	7.5	16

205	An adaptive fault-tolerant communication scheme for body sensor networks. <i>Sensors</i> , 2010 , 10, 9590-6088	0.8	16
204	Cross-domain item recommendation based on user similarity. <i>Computer Science and Information Systems</i> , 2016 , 13, 359-373	0.8	16
203	Two decades of information systems: a bibliometric review. <i>Scientometrics</i> , 2019 , 118, 617-643	3	16
202	AVER 2015 ,		15
201	Detecting Hot Road Mobility of Vehicular Ad Hoc Networks. <i>Mobile Networks and Applications</i> , 2013 , 18, 803-813	2.9	15
200	Probabilistic Detection of Missing Tags for Anonymous Multicategory RFID Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 11295-11305	6.8	15
199	A Survey of Adaptive and Real-Time Protocols Based on IEEE 802.15.4. <i>International Journal of Distributed Sensor Networks</i> , 2011 , 7, 212737	1.7	15
198	Venue Topic Model-Enhanced Joint Graph Modelling for Citation Recommendation in Scholarly Big Data. <i>ACM Transactions on Asian and Low-Resource Language Information Processing</i> , 2021 , 20, 1-15	1.1	15
197	A Federated Learning-Based License Plate Recognition Scheme for 5G-Enabled Internet of Vehicles. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 17, 8523-8530	11.9	15
196	Learning Automata-Based Data Aggregation Tree Construction Framework for Cyber-Physical Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 1467-1479	4.3	14
195	An integrated scheme based on service classification in pervasive mobile services. <i>International Journal of Communication Systems</i> , 2012 , 25, 1178-1188	1.7	14
194	A dynamic channel assignment strategy based on cross-layer design for wireless mesh networks. <i>International Journal of Communication Systems</i> , 2012 , 25, 1122-1138	1.7	14
193	Feedback scheduling of priority-driven control networks. <i>Computer Standards and Interfaces</i> , 2009 , 31, 539-547	3.5	14
192	Flexible Time-Triggered Sampling in Smart Sensor-Based Wireless Control Systems. <i>Sensors</i> , 2007 , 7, 2548-2564	3.8	14
191	Queueing Theory-based Path Delay Analysis of Wireless Sensor Networks. <i>Advances in Electrical and Computer Engineering</i> , 2011 , 11, 3-8	1.3	14
190	PePSI: Personalized Prediction of Scholars' Impact in Heterogeneous Temporal Academic Networks. <i>IEEE Access</i> , 2018 , 6, 55661-55672	3.5	14
189	CoPFun: an urban co-occurrence pattern mining scheme based on regional function discovery. <i>World Wide Web</i> , 2019 , 22, 1029-1054	2.9	13
188	CSTeller: forecasting scientific collaboration sustainability based on extreme gradient boosting. <i>World Wide Web</i> , 2019 , 22, 2749-2770	2.9	13

187	A Clustering-Based Location Privacy Protection Scheme for Pervasive Computing 2010 ,		13
186	Who are the Rising Stars in Academia? 2016 ,		13
185	Quantifying the impact of scholarly papers based on higher-order weighted citations. <i>PLoS ONE</i> , 2018 , 13, e0193192	3.7	13
184	Data-Driven Computational Social Science: A Survey. <i>Big Data Research</i> , 2020 , 21, 100145	3.7	13
183	Zero- and few-shot learning for diseases recognition of Citrus aurantium L. using conditional adversarial autoencoders. <i>Computers and Electronics in Agriculture</i> , 2020 , 179, 105828	6.5	13
182	Social-Oriented Resource Management in Cloud-Based Mobile Networks. <i>IEEE Cloud Computing</i> , 2016 , 3, 24-31		13
181	Service differentiated and adaptive CSMA/CA over IEEE 802.15.4 for Cyber-Physical Systems. <i>Scientific World Journal, The</i> , 2013 , 2013, 947808	2.2	12
180	Urban arterial traffic two-direction green wave intelligent coordination control technique and its application. <i>International Journal of Control, Automation and Systems</i> , 2011 , 9, 60-68	2.9	12
179	. <i>IEEE Systems Journal</i> , 2015 , 9, 1273-1284	4.3	11
178	Academic Team Formulation Based on Liebig's Barrel: Discovery of Anticask Effect. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 1083-1094	4.5	11
177	Exploring time factors in measuring the scientific impact of scholars. <i>Scientometrics</i> , 2017 , 112, 1301-1321		11
176	Team Recognition in Big Scholarly Data: Exploring Collaboration Intensity 2017 ,		11
175	Socially-Aware Venue Recommendation for Conference Participants 2013 ,		11
174	Design and Implementation of a Wireless Sensor Network for Smart Homes 2010 ,		11
173	A Trust Model Based on Service Classification in Mobile Services 2010 ,		11
172	A High-Confidence Cyber-Physical Alarm System: Design and Implementation 2010 ,		11
171	Big networks: A survey. <i>Computer Science Review</i> , 2020 , 37, 100247	8.3	11
170	Editorial behaviors in peer review. <i>SpringerPlus</i> , 2016 , 5, 903		11

169	. <i>IEEE Transactions on Sustainable Computing</i> , 2019 , 4, 96-108	3.5	11
168	A Survey of Measures for Network Motifs. <i>IEEE Access</i> , 2019 , 7, 106576-106587	3.5	10
167	Science of Scientific Team Science: A survey. <i>Computer Science Review</i> , 2019 , 31, 72-83	8.3	10
166	Motif discovery in networks: A survey. <i>Computer Science Review</i> , 2020 , 37, 100267	8.3	10
165	Measure the Impact of Institution and Paper Via Institution-Citation Network. <i>IEEE Access</i> , 2020 , 8, 17548-17550	3.5	10
164	Multi-channel biosensor based on photonic crystal waveguide and microcavities. <i>Optik</i> , 2012 , 123, 1920-1922	1.7	10
163	A localization strategy based on n-times trilateral centroid with weight. <i>International Journal of Communication Systems</i> , 2012 , 25, 1160-1177	1.7	10
162	Collaborative Filtering with Network Representation Learning for Citation Recommendation. <i>IEEE Transactions on Big Data</i> , 2020 , 1-1	3.2	10
161	The Evolution of Turing Award Collaboration Network: Bibliometric-Level and Network-Level Metrics. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 1318-1328	4.5	10
160	Early-stage reciprocity in sustainable scientific collaboration. <i>Journal of Informetrics</i> , 2020 , 14, 101041	3.1	9
159	MODEL: Motif-Based Deep Feature Learning for Link Prediction. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 503-516	4.5	9
158	Understanding the advisor-advisee relationship via scholarly data analysis. <i>Scientometrics</i> , 2018 , 116, 161-180	3	9
157	Network embedding: Taxonomies, frameworks and applications. <i>Computer Science Review</i> , 2020 , 38, 100296	8.3	9
156	Deep Matrix Factorization for Trust-Aware Recommendation in Social Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 511-528	4.9	9
155	Graph Self-Supervised Learning: A Survey. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022 , 1-1	4.2	9
154	Author Impact: Evaluations, Predictions, and Challenges. <i>IEEE Access</i> , 2019 , 7, 38657-38669	3.5	8
153	STLoyal: A Spatio-Temporal Loyalty-Based Model for Subway Passenger Flow Prediction. <i>IEEE Access</i> , 2018 , 6, 47461-47471	3.5	8
152	Discovering Transit-Oriented Development Regions of Megacities Using Heterogeneous Urban Data. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 943-955	4.5	8

151	Taxi Operation Optimization Based on Big Traffic Data 2015 ,		8
150	Task Allocation and Migration Algorithm for Temperature-Constrained Real-Time Multi-Core Systems 2010 ,		8
149	DISG: Decentralized Inter-user Interference Suppression in Body Sensor Networks with Non-cooperative Game 2010 ,		8
148	Fuzzy Logic Based Feedback Scheduler for Embedded Control Systems. <i>Lecture Notes in Computer Science</i> , 2005 , 453-462	0.9	8
147	Mining Advisor-Advisee Relationships in Scholarly Big Data 2016 ,		8
146	Multivariate Relations Aggregation Learning in Social Networks 2020 ,		8
145	Emergency warning messages dissemination in vehicular social networks: A trust based scheme. <i>Vehicular Communications</i> , 2020 , 22, 100199	5.7	8
144	TBI2Flow: Travel behavioral inertia based long-term taxi passenger flow prediction. <i>World Wide Web</i> , 2020 , 23, 1381-1405	2.9	8
143	To Your Surprise: Identifying Serendipitous Collaborators. <i>IEEE Transactions on Big Data</i> , 2021 , 7, 574-589.	2	8
142	Deep User Modeling for Content-based Event Recommendation in Event-based Social Networks 2018 ,		8
141	Prediction methods and applications in the science of science: A survey. <i>Computer Science Review</i> , 2019 , 34, 100197	8.3	7
140	RMCC: Restful Mobile Cloud Computing Framework for Exploiting Adjacent Service-Based Mobile Cloudlets 2014 ,		7
139	A Clustering K-Anonymity Scheme for Location Privacy Preservation. <i>IEICE Transactions on Information and Systems</i> , 2012 , E95-D, 134-142	0.6	7
138	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 1-1	11.9	7
137	Can Academic Conferences Promote Research Collaboration? 2016 ,		7
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