

Feng Xia

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/6378846/feng-xia-publications-by-year.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	CenGCN: Centralized Convolutional Networks with Vertex Imbalance for Scale-Free Graphs. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022 , 1-1	4.2	2
329	Exploring Human Mobility for Multi-Pattern Passenger Prediction: A Graph Learning Framework. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2022 , 1-13	6.1	3
328	Distributed Intelligence Over Internet of Things. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	0
327	Exploring Public Sentiment During COVID-19: A Cross Country Analysis. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 1-12	4.5	0
326	The Effect of Facial Perception and Academic Performance on Social Centrality. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 1-12	4.5	0
325	Robust Graph Neural Networks via Ensemble Learning. <i>Mathematics</i> , 2022 , 10, 1300	2.3	1
324	Graph Self-Supervised Learning: A Survey. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2022 , 1-1	4.2	9
323	Trust-Aware Detection of Malicious Users in Dating Social Networks. <i>IEEE Transactions on Computational Social Systems</i> , 2022 , 1-12	4.5	1
322	Relational Structure-Aware Knowledge Graph Representation in Complex Space. <i>Mathematics</i> , 2022 , 10, 1930	2.3	0
321	Educational Anomaly Analytics: Features, Methods, and Challenges.. <i>Frontiers in Big Data</i> , 2021 , 4, 8118408	4.0	0
320	Web of Students: Class-Level Friendship Network Discovery from Educational Big Data. <i>Lecture Notes in Computer Science</i> , 2021 , 497-511	0.9	0
319	MSCET: A Multi-Scenario Offloading Schedule for Biomedical Data Processing and Analysis in Cloud-Edge-Terminal Collaborative Vehicular Networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2021 , PP,	3	2
318	Familiarity-Based Collaborative Team Recognition in Academic Social Networks. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-14	4.5	0
317	Simulation of the laser-induced oxidation process in fabricated Sn-MTMO grayscale photomasks. <i>OSA Continuum</i> , 2021 , 4, 65	1.4	0
316	. <i>IEEE Transactions on Artificial Intelligence</i> , 2021 , 2, 109-127	4.7	28
315	Scholar2vec: Vector Representation of Scholars for Lifetime Collaborator Prediction. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2021 , 15, 1-19	4	1
314	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

313	How to Optimize an Academic Team When the Outlier Member is Leaving?. <i>IEEE Intelligent Systems</i> , 2021 , 36, 23-30	4.2	1
312	Quantifying scientific collaboration impact by exploiting collaboration-citation network. <i>Scientometrics</i> , 2021 , 126, 7993-8008	3	2
311	Matching Algorithms: Fundamentals, Applications and Challenges. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 5, 332-350	4.1	5
310	Tracing the Pace of COVID-19 Research: Topic Modeling and Evolution. <i>Big Data Research</i> , 2021 , 25, 100236	3.6	2
309	Detecting Outlier Patterns With Query-Based Artificially Generated Searching Conditions. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 8, 134-147	4.5	3
308	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
307	Fitness and Research Complexity Among Research-Active Universities in the World. <i>IEEE Transactions on Emerging Topics in Computing</i> , 2021 , 9, 293-301	4.1	3
306	To Your Surprise: Identifying Serendipitous Collaborators. <i>IEEE Transactions on Big Data</i> , 2021 , 7, 574-589	3.2	8
305	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
304	Recurrent-DC: A deep representation clustering model for university profiling based on academic graph. <i>Future Generation Computer Systems</i> , 2021 , 116, 156-167	7.5	1
303	Solving ESL Sentence Completion Questions via Pre-trained Neural Language Models. <i>Lecture Notes in Computer Science</i> , 2021 , 256-261	0.9	
302	The dominance of big teams in China's scientific output. <i>Quantitative Science Studies</i> , 2021 , 2, 350-362	3.8	2
301	MAM: A Metaphor-Based Approach for Mental Illness Detection. <i>Lecture Notes in Computer Science</i> , 2021 , 570-583	0.9	0
300	Decision Behavior Based Private Vehicle Trajectory Generation Towards Smart Cities. <i>Lecture Notes in Computer Science</i> , 2021 , 109-120	0.9	1
299	CHIEF: Clustering with Higher-order Motifs in Big Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 1-1	4.9	2
298	Data-Driven Decision-Making in COVID-19 Response: A Survey. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 8, 1016-1029	4.5	5
297	Educational Big Data: Predictions, Applications and Challenges. <i>Big Data Research</i> , 2021 , 26, 100270	3.7	7
296	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

295	ANSWER: Generating Information Dissemination Network on Campus. <i>Lecture Notes in Computer Science</i> , 2021 , 74-86	0.9	1
294	Attributed Collaboration Network Embedding for Academic Relationship Mining. <i>ACM Transactions on the Web</i> , 2021 , 15, 1-20	3.2	3
293	VRConvMF: Visual Recurrent Convolutional Matrix Factorization for Movie Recommendation. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2021 , 1-11	4.1	3
292	Metaphor research in the 21st century: A bibliographic analysis. <i>Computer Science and Information Systems</i> , 2021 , 18, 303-321	0.8	3
291	Surf or sleep?. <i>SIGKDD Explorations: Newsletter of the Special Interest Group (SIG) on Knowledge Discovery & Data Mining</i> , 2021 , 23, 3-12	4.6	0
290	Graduate Employment Prediction with Bias. <i>Proceedings of the AAAI Conference on Artificial Intelligence</i> , 2020 , 34, 670-677	5	6
289	Early-stage reciprocity in sustainable scientific collaboration. <i>Journal of Informetrics</i> , 2020 , 14, 101041	3.1	9
288	Motif discovery in networks: A survey. <i>Computer Science Review</i> , 2020 , 37, 100267	8.3	10
287	Measure the Impact of Institution and Paper Via Institution-Citation Network. <i>IEEE Access</i> , 2020 , 8, 17548-17550	9.1	5
286	MODEL: Motif-Based Deep Feature Learning for Link Prediction. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 503-516	4.5	9
285	. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 1-1	11.9	7
284	Multivariate Relations Aggregation Learning in Social Networks 2020 ,		8
283	The Gene of Scientific Success. <i>ACM Transactions on Knowledge Discovery From Data</i> , 2020 , 14, 1-19	4	7
282	Web of Scholars: A Scholar Knowledge Graph 2020 ,		7
281	Turing number. <i>SIGWEB Newsletter: the Newsletter of ACM's Special Interest Group on Hypertext and Hypermedia</i> , 2020 , 1-8	0.6	3
280	OFFER: A Motif Dimensional Framework for Network Representation Learning 2020 ,		4
279	On the Correlation Between Research Complexity and Academic Competitiveness. <i>Lecture Notes in Computer Science</i> , 2020 , 416-422	0.9	
278	DEFINE: Friendship Detection Based on Node Enhancement. <i>Lecture Notes in Computer Science</i> , 2020 , 81-92	0.9	1

277	Big networks: A survey. <i>Computer Science Review</i> , 2020 , 37, 100247	8.3	11
276	Emergency warning messages dissemination in vehicular social networks: A trust based scheme. <i>Vehicular Communications</i> , 2020 , 22, 100199	5.7	8
275	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
274	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
273	Network embedding: Taxonomies, frameworks and applications. <i>Computer Science Review</i> , 2020 , 38, 100296	8.3	9
272	Real-time dissemination of emergency warning messages in 5G enabled selfish vehicular social networks. <i>Computer Networks</i> , 2020 , 182, 107482	5.4	4
271	Cross-Modal Retrieval for CPSS Data. <i>IEEE Access</i> , 2020 , 8, 16689-16701	3.5	5
270	Quantifying Success in Science: An Overview. <i>IEEE Access</i> , 2020 , 8, 123200-123214	3.5	5
269	Data-Driven Computational Social Science: A Survey. <i>Big Data Research</i> , 2020 , 21, 100145	3.7	13
268	A novel strategy to balance the results of cross-modal hashing. <i>Pattern Recognition</i> , 2020 , 107, 107523	7.7	2
267	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
266	MESH: A Flexible Manifold-Embedded Semantic Hashing for Cross-Modal Retrieval. <i>IEEE Access</i> , 2020 , 8, 147569-147579	3.5	
265	TOSNet: A Topic-Based Optimal Subnetwork Identification in Academic Networks. <i>IEEE Access</i> , 2020 , 8, 201015-201027	3.5	1
264	Network Representation Learning: From Traditional Feature Learning to Deep Learning. <i>IEEE Access</i> , 2020 , 8, 205600-205617	3.5	6
263	Collaborative Filtering with Network Representation Learning for Citation Recommendation. <i>IEEE Transactions on Big Data</i> , 2020 , 1-1	3.2	10
262	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
261	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
260	TBI2Flow: Travel behavioral inertia based long-term taxi passenger flow prediction. <i>World Wide Web</i> , 2020 , 23, 1381-1405	2.9	8

259	Community-diversified influence maximization in social networks. <i>Information Systems</i> , 2020 , 92, 101522-7		101
258	A Survey of Measures for Network Motifs. <i>IEEE Access</i> , 2019 , 7, 106576-106587	3.5	10
257	Data Mining and Information Retrieval in the 21st century: A bibliographic review. <i>Computer Science Review</i> , 2019 , 34, 100193	8.3	18
256	Prediction methods and applications in the science of science: A survey. <i>Computer Science Review</i> , 2019 , 34, 100197	8.3	7
255	Science of Scientific Team Science: A survey. <i>Computer Science Review</i> , 2019 , 31, 72-83	8.3	10
254	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
253	Academic social networks: Modeling, analysis, mining and applications. <i>Journal of Network and Computer Applications</i> , 2019 , 132, 86-103	7.9	57
252	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
251	Author Impact: Evaluations, Predictions, and Challenges. <i>IEEE Access</i> , 2019 , 7, 38657-38669	3.5	8
250	Sustainable Collaborator Recommendation Based on Conference Closure. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 311-322	4.5	23
249	Predicting the citations of scholarly paper. <i>Journal of Informetrics</i> , 2019 , 13, 407-418	3.1	40
248	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
247	CSTeller: forecasting scientific collaboration sustainability based on extreme gradient boosting. <i>World Wide Web</i> , 2019 , 22, 2749-2770	2.9	13
246	Incorporating User Generated Content for Drug Drug Interaction Extraction Based on Full Attention Mechanism. <i>IEEE Transactions on Nanobioscience</i> , 2019 , 18, 360-367	3.4	4
245	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
244	Mobile Crowdsourcing in Smart Cities: Technologies, Applications, and Future Challenges. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 8095-8113	10.7	47
243	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
242	Judging a Book by Its Cover: The Effect of Facial Perception on Centrality in Social Networks 2019 ,		6

241	. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2019 , 1-1	4.2	18
240	Deep Reinforcement Learning for Vehicular Edge Computing. <i>ACM Transactions on Intelligent Systems and Technology</i> , 2019 , 10, 1-24	8	125
239	Predictive Representation Learning in Motif-Based Graph Networks. <i>Lecture Notes in Computer Science</i> , 2019 , 177-188	0.9	
238	DINE: A Framework for Deep Incomplete Network Embedding. <i>Lecture Notes in Computer Science</i> , 2019 , 165-176	0.9	
237	Mining Key Scholars via Collapsed Core and Truss 2019 ,		1
236	Motifs in Big Networks: Methods and Applications. <i>IEEE Access</i> , 2019 , 7, 183322-183338	3.5	7
235	API: An Index for Quantifying a Scholar's Academic Potential. <i>IEEE Access</i> , 2019 , 7, 178675-178684	3.5	7
234	Many-to-Many Collaborator Recommendation Based on Matching Markets Theory 2019 ,		1
233	Task-Driven Resource Assignment in Mobile Edge Computing Exploiting Evolutionary Computation. <i>IEEE Wireless Communications</i> , 2019 , 26, 94-101	13.4	40
232	A network embedding model for pathogenic genes prediction by multi-path random walking on heterogeneous network. <i>BMC Medical Genomics</i> , 2019 , 12, 188	3.7	4
231	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
230	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
229	Two decades of information systems: a bibliometric review. <i>Scientometrics</i> , 2019 , 118, 617-643	3	16
228	Scientific Paper Recommendation: A Survey. <i>IEEE Access</i> , 2019 , 7, 9324-9339	3.5	59
227	Human Interactive Behavior: A Bibliographic Review. <i>IEEE Access</i> , 2019 , 7, 4611-4628	3.5	3
226	Green and Sustainable Cloud of Things: Enabling Collaborative Edge Computing. <i>IEEE Communications Magazine</i> , 2019 , 57, 72-78	9.1	91
225	COOC: Visual Exploration of Co-Occurrence Mobility Patterns in Urban Scenarios. <i>IEEE Transactions on Computational Social Systems</i> , 2019 , 6, 403-413	4.5	3
224	Scholarly impact assessment: a survey of citation weighting solutions. <i>Scientometrics</i> , 2019 , 118, 453-478		21

223	Social acquaintance based routing in Vehicular Social Networks. <i>Future Generation Computer Systems</i> , 2019 , 93, 751-760	7.5	30
222	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
221	. <i>IEEE Transactions on Sustainable Computing</i> , 2019 , 4, 96-108	3.5	11
220	Learning Automata-Based Data Aggregation Tree Construction Framework for Cyber-Physical Systems. <i>IEEE Systems Journal</i> , 2018 , 12, 1467-1479	4.3	14
219	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
218	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
217	PAVE: Personalized Academic Venue recommendation Exploiting co-publication networks. <i>Journal of Network and Computer Applications</i> , 2018 , 104, 38-47	7.9	32
216	Vehicular Social Networks: A survey. <i>Pervasive and Mobile Computing</i> , 2018 , 43, 96-113	3.5	85
215	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
214	. <i>IEEE Communications Surveys and Tutorials</i> , 2018 , 20, 914-944	37.1	22
213	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
212	. <i>IEEE Access</i> , 2018 , 6, 34403-34421	3.5	63
211	Exploring Human Mobility Patterns in Urban Scenarios: A Trajectory Data Perspective. <i>IEEE Communications Magazine</i> , 2018 , 56, 142-149	9.1	67
210	A Social Utility-Based Dissemination Scheme for Emergency Warning Messages in Vehicular Social Networks. <i>Computer Journal</i> , 2018 , 61, 971-986	1.3	5
209	A Survey of Scholarly Data Visualization. <i>IEEE Access</i> , 2018 , 6, 19205-19221	3.5	21
208	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
207	Adaptive Beaconing Approaches for Vehicular Ad Hoc Networks: A Survey. <i>IEEE Systems Journal</i> , 2018 , 12, 1263-1277	4.3	50
206	Coverage Differentiation Based Adaptive Tx-Power for Congestion and Awareness Control in VANETs. <i>Mobile Networks and Applications</i> , 2018 , 23, 1194-1205	2.9	6

205	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
204	LoTAD: long-term traffic anomaly detection based on crowdsourced bus trajectory data. <i>World Wide Web</i> , 2018 , 21, 825-847	2.9	105
203	Understanding the advisor-advisee relationship via scholarly data analysis. <i>Scientometrics</i> , 2018 , 116, 161-180	3	9
202	STLoyal: A Spatio-Temporal Loyalty-Based Model for Subway Passenger Flow Prediction. <i>IEEE Access</i> , 2018 , 6, 47461-47471	3.5	8
201	Quantifying the impact of scholarly papers based on higher-order weighted citations. <i>PLoS ONE</i> , 2018 , 13, e0193192	3.7	13
200	Detection of Four-Node Motif in Complex Networks. <i>Studies in Computational Intelligence</i> , 2018 , 453-462.	3.8	1
199	Disappearing Link Prediction in Scientific Collaboration Networks. <i>IEEE Access</i> , 2018 , 6, 69702-69712	3.5	4
198	Multipath2vec: Predicting Pathogenic Genes via Heterogeneous Network Embedding 2018 ,		1
197	Protein Complexes Detection Based on Global Network Representation Learning 2018 ,		1
196	Full-attention Based Drug Drug Interaction Extraction Exploiting User-generated Content 2018 ,		4
195	Deep User Modeling for Content-based Event Recommendation in Event-based Social Networks 2018 ,		8
194	PePSI: Personalized Prediction of Scholars' Impact in Heterogeneous Temporal Academic Networks. <i>IEEE Access</i> , 2018 , 6, 55661-55672	3.5	14
193	Big Trajectory Data: A Survey of Applications and Services. <i>IEEE Access</i> , 2018 , 6, 58295-58306	3.5	36
192	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
191	Cooperative data forwarding based on crowdsourcing in vehicular social networks. <i>Pervasive and Mobile Computing</i> , 2018 , 51, 43-55	3.5	24
190	AIRank: Author Impact Ranking through Positions in Collaboration Networks. <i>Complexity</i> , 2018 , 2018, 1-16	1.6	7
189	Socially Aware Conference Participant Recommendation With Personality Traits. <i>IEEE Systems Journal</i> , 2017 , 11, 2255-2266	4.3	20
188	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

187	Bio-inspired packet dropping for ad-hoc social networks. <i>International Journal of Communication Systems</i> , 2017 , 30, e2857	1.7	3
186	TruCom: Exploiting Domain-Specific Trust Networks for Multicategory Item Recommendation. <i>IEEE Systems Journal</i> , 2017 , 11, 295-304	4.3	19
185	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
184	Big Scholarly Data: A Survey. <i>IEEE Transactions on Big Data</i> , 2017 , 3, 18-35	3.2	155
183	Shifu 2017 ,		17
182	Scientific collaboration patterns vary with scholars' academic ages. <i>Scientometrics</i> , 2017 , 112, 329-343	3	46
181	Vehicular Social Networks: Enabling Smart Mobility 2017 , 55, 16-55		228
180	Evaluating the Impact of Articles with Geographical Distances between Institutions 2017 ,		6
179	Is Scientific Collaboration Sustainability Predictable? 2017 ,		6
178	. <i>IEEE/ACM Transactions on Networking</i> , 2017 , 25, 2944-2959	3.8	117
177	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
176	Social-Oriented Adaptive Transmission in Opportunistic Internet of Smartphones. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 810-820	11.9	77
175	. <i>IEEE Access</i> , 2017 , 5, 17607-17617	3.5	23
174	Probabilistic Detection of Missing Tags for Anonymous Multicategory RFID Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 11295-11305	6.8	15
173	From triadic closure to conference closure: the role of academic conferences in promoting scientific collaborations. <i>Scientometrics</i> , 2017 , 113, 177-193	3	23
172	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
171	Exploring time factors in measuring the scientific impact of scholars. <i>Scientometrics</i> , 2017 , 112, 1301-1321		11
170	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

169	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
168	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
167	IS2Fun: Identification of Subway Station Functions Using Massive Urban Data. <i>IEEE Access</i> , 2017 , 5, 27103-27113	3.3	34
166	Team Recognition in Big Scholarly Data: Exploring Collaboration Intensity 2017 ,		11
165	Exploiting social influence for context-aware event recommendation in event-based social networks 2017 ,		20
164	An Overview on Evaluating and Predicting Scholarly Article Impact. <i>Information (Switzerland)</i> , 2017 , 8, 73	2.6	29
163	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
162	ERGID: 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
161	Geo-Social Distance-Based Data Dissemination for Socially Aware Networking. <i>IEEE Access</i> , 2016 , 4, 1444-1453	3.5	24
160	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
159	PIS: A Multi-Dimensional Routing Protocol for Socially-Aware Networking. <i>IEEE Transactions on Mobile Computing</i> , 2016 , 15, 2825-2836	4.6	41
158	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
157	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
156	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 7647-7661	6.8	6
155	Mining Advisor-Advisee Relationships in Scholarly Big Data 2016 ,		8
154	Who are the Rising Stars in Academia? 2016 ,		13
153	Can Academic Conferences Promote Research Collaboration? 2016 ,		7
152	Identifying Anomalous Citations for Objective Evaluation of Scholarly Article Impact. <i>PLoS ONE</i> , 2016 , 11, e0162364	3.7	33

151	Bibliographic Analysis of Nature Based on Twitter and Facebook Altmetrics Data. <i>PLoS ONE</i> , 2016 , 11, e0165997	3.7	55
150	Cross-domain item recommendation based on user similarity. <i>Computer Science and Information Systems</i> , 2016 , 13, 359-373	0.8	16
149	Exploiting Publication Contents and Collaboration Networks for Collaborator Recommendation. <i>PLoS ONE</i> , 2016 , 11, e0148492	3.7	36
148	QoS4IVSaaS: a QoS management framework for intelligent video surveillance as a service. <i>Personal and Ubiquitous Computing</i> , 2016 , 20, 795-808	2.1	2
147	Editorial behaviors in peer review. <i>SpringerPlus</i> , 2016 , 5, 903		11
146	Scientific Article Recommendation: Exploiting Common Author Relations and Historical Preferences. <i>IEEE Transactions on Big Data</i> , 2016 , 2, 101-112	3.2	65
145	MapReduce: Review and open challenges. <i>Scientometrics</i> , 2016 , 109, 389-422	3	51
144	PNCOIRank 2016 ,		6
143	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
142	A Hybrid Mechanism for Innovation Diffusion in Social Networks. <i>IEEE Access</i> , 2016 , 4, 5408-5416	3.5	6
141	CocaRank 2016 ,		17
140	Social-Oriented Resource Management in Cloud-Based Mobile Networks. <i>IEEE Cloud Computing</i> , 2016 , 3, 24-31		13
139	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
138	Cooperative Scheduling for Adaptive Duty Cycling in Asynchronous Sensor Networks. <i>Computer Journal</i> , 2015 , 58, 1267-1279	1.3	2
137	IEEE 802.15.4 Based Adaptive MAC Protocols. <i>SpringerBriefs in Computer Science</i> , 2015 , 53-68	0.4	
136	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
135	Trust-aware recommendation for improving aggregate diversity. <i>New Review of Hypermedia and Multimedia</i> , 2015 , 21, 242-258	0.8	19
134	Socially Aware Networking: A Survey. <i>IEEE Systems Journal</i> , 2015 , 9, 904-921	4.3	92

133	Community-Based Event Dissemination with Optimal Load Balancing. <i>IEEE Transactions on Computers</i> , 2015 , 64, 1857-1869	2.5	24
132	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
131	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
130	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
129	ShotVis. <i>ACM Transactions on Multimedia Computing, Communications and Applications</i> , 2015 , 12, 1-17	3.4	1
128	. <i>IEEE Systems Journal</i> , 2015 , 9, 1273-1284	4.3	11
127	Context-Aware Mobile Cloud Computing and Its Challenges. <i>IEEE Cloud Computing</i> , 2015 , 2, 42-49		59
126	AVER 2015 ,		15
125	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
124	The power of smartphones. <i>Multimedia Systems</i> , 2015 , 21, 87-101	2.2	18
123	Safety Challenges and Solutions in Mobile Social Networks. <i>IEEE Systems Journal</i> , 2015 , 9, 834-854	4.3	31
122	. <i>IEEE Transactions on Vehicular Technology</i> , 2015 , 64, 1188-1200	6.8	37
121	Real-time query processing optimisation for wireless sensor networks. <i>International Journal of Sensor Networks</i> , 2015 , 18, 49	0.8	2
120	Taxi Operation Optimization Based on Big Traffic Data 2015 ,		8
119	TAPRank: A Time-Aware Author Ranking Method in Heterogeneous Networks 2015 ,		6
118	CAR: Incorporating Filtered Citation Relations for Scientific Article Recommendation 2015 ,		3
117	MAC Protocols for Cyber-Physical Systems. <i>SpringerBriefs in Computer Science</i> , 2015 ,	0.4	6
116	Data dissemination using interest-tree in socially aware networking. <i>Computer Networks</i> , 2015 , 91, 495-507		6

115	Context-Based Collaborative Filtering for Citation Recommendation. <i>IEEE Access</i> , 2015 , 3, 1695-1703	3.5	113
114	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
113	Com-BIS: A Community-Based Barter Incentive Scheme in Socially Aware Networking. <i>International Journal of Distributed Sensor Networks</i> , 2015 , 11, 671012	1.7	5
112	An Adaptive MAC Protocol for Medical CPS. <i>SpringerBriefs in Computer Science</i> , 2015 , 69-86	0.4	
111	Evaluating IEEE 802.15.4 for CPS. <i>SpringerBriefs in Computer Science</i> , 2015 , 25-51	0.4	
110	Phone2Cloud: Exploiting computation offloading for energy saving on smartphones in mobile cloud computing. <i>Information Systems Frontiers</i> , 2014 , 16, 95-111	4	90
109	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
108	Rich Mobile Applications: Genesis, taxonomy, and open issues. <i>Journal of Network and Computer Applications</i> , 2014 , 40, 345-362	7.9	64
107	A social popularity aware scheduling algorithm for ad-hoc social networks 2014 ,		4
106	Label matrix normalization for semisupervised learning from imbalanced Data. <i>New Review of Hypermedia and Multimedia</i> , 2014 , 20, 5-23	0.8	3
105	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
104	Improving Smart Conference Participation Through Socially Aware Recommendation. <i>IEEE Transactions on Human-Machine Systems</i> , 2014 , 44, 689-700	4.1	31
103	BeeCup: A bio-inspired energy-efficient clustering protocol for mobile learning. <i>Future Generation Computer Systems</i> , 2014 , 37, 449-460	7.5	16
102	ACRec 2014 ,		34
101	Event-Based Mobile Social Networks: Services, Technologies, and Applications. <i>IEEE Access</i> , 2014 , 2, 500-513	3.3	41
100	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
99	RMCC: Restful Mobile Cloud Computing Framework for Exploiting Adjacent Service-Based Mobile Cloudlets 2014 ,		7
98	A coverage strategy for wireless sensor networks in a three-dimensional environment. <i>International Journal of Ad Hoc and Ubiquitous Computing</i> , 2014 , 15, 83	0.7	6

97	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
96	Folksonomy based socially-aware recommendation of scholarly papers for conference participants 2014 ,		23
95	Multi-category item recommendation using neighborhood associations in trust networks 2014 ,		3
94	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
93	A New Schedule Strategy of Embedded Multi-core SoC. <i>Lecture Notes in Electrical Engineering</i> , 2014 , 43-49	0.2	
92	Normalized Label Propagation for Imbalanced Scenario Classification. <i>Advances in Intelligent Systems and Computing</i> , 2014 , 901-909	0.4	
91	A localization method for the Internet of Things. <i>Journal of Supercomputing</i> , 2013 , 63, 657-674	2.5	81
90	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
89	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
88	Mobility Based Data Collection Algorithm for Wireless Sensor Networks 2013 ,		2
87	Advances on Network Protocols and Algorithms for Vehicular Ad Hoc Networks. <i>Mobile Networks and Applications</i> , 2013 , 18, 749-754	2.9	2
86	Detecting Hot Road Mobility of Vehicular Ad Hoc Networks. <i>Mobile Networks and Applications</i> , 2013 , 18, 803-813	2.9	15
85	Green computing and communications. <i>Journal of Supercomputing</i> , 2013 , 63, 637-638	2.5	6
84	BEEINFO 2013 ,		4
83	Socially-Aware Venue Recommendation for Conference Participants 2013 ,		11
82	Mobile Multimedia Recommendation in Smart Communities: A Survey. <i>IEEE Access</i> , 2013 , 1, 606-624	3.5	59
81	An Improved Stable Election Based Routing Protocol with Mobile Sink for Wireless Sensor Networks 2013 ,		4
80	An energy efficient stable election-based routing algorithm for wireless sensor networks. <i>Sensors</i> , 2013 , 13, 14301-20	3.8	35

79	From machine-to-machine communications towards cyber-physical systems. <i>Computer Science and Information Systems</i> , 2013 , 10, 1105-1128	0.8	117
78	PhoneJoule: An Energy Management System for Android-Based Smartphones 2013 ,		2
77	Social Community-Partition Aware Replica Allocation in Ad-Hoc Social Networks 2013 ,		3
76	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
75	Iterative nearest neighborhood oversampling in semisupervised learning from imbalanced data. <i>Scientific World Journal, The</i> , 2013 , 2013, 875450	2.2	5
74	Customer Rating Prediction Using Hypergraph Kernel Based Classification. <i>Lecture Notes in Computer Science</i> , 2013 , 187-192	0.9	1
73	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
72	Multi-channel biosensor based on photonic crystal waveguide and microcavities. <i>Optik</i> , 2012 , 123, 1920-1922		10
71	MobiMsg: A Resource-Efficient Location-Based Mobile Instant Messaging System 2012 ,		4
70	Ada-MAC: An adaptive MAC protocol for real-time and reliable health monitoring 2012 ,		5
69	An energy-efficient and load-balanced dynamic clustering protocol for ad-hoc sensor networks 2012 ,		2
68	A novel neighbor selection approach for KNN 2012 ,		2
67	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
66	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
65	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
64	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
63	A search strategy of Level-Based Flooding for the Internet of Things. <i>Sensors</i> , 2012 , 12, 10163-95	3.8	6
62	Prediction-Based Independent Task Scheduling for Heterogeneous Distributed Computing Systems. <i>Advanced Materials Research</i> , 2012 , 457-458, 1039-1046	0.5	1

61	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
60	A Failure Self-recovery Strategy with Balanced Energy Consumption for Wireless Ad Hoc Networks. <i>Journal of Computers</i> , 2012 , 7,	1.4	1
59	Building smart communities with cyber-physical systems 2011 ,		22
58	SEF: A Secure, Efficient, and Flexible Range Query Scheme in Two-Tiered Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2011 , 7, 126407	1.7	2
57	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
56	A-GPS assisted Wi-Fi access point discovery on mobile devices for energy saving 2011 ,		1
55	Performance analysis of non-beaconed IEEE 802.15.4 for high-confidence wireless communications 2011 ,		2
54	Parasite: A System for Energy Saving with Performance Improvement in Networked Desktops 2011 ,		3
53	ART-GAS 2011 ,		2
52	ODAM-C: An Improved Algorithm for Vehicle Ad Hoc Network 2011 ,		2
51	Monitoring Energy Consumption of Smartphones 2011 ,		17
50	Evaluating IEEE 802.15.4 for Cyber-Physical Systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2011 , 2011,	3.2	42
49	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
48	A Hop-by-hop Cross-layer Congestion Control Scheme for Wireless Sensor Networks. <i>Journal of Software</i> , 2011 , 6,	3	3
47	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
46	A FAULT-TOLERANT EMERGENCY-AWARE ACCESS CONTROL SCHEME FOR CYBER-PHYSICAL SYSTEMS. <i>Information Technology and Control</i> , 2011 , 40,	1.3	4
45	A Game Theoretic Approach for Interuser Interference Reduction in Body Sensor Networks. <i>International Journal of Distributed Sensor Networks</i> , 2011 , 7, 329524	1.7	2
44	Cyber-Physical Control Over Wireless Sensor and Actuator Networks with Packet Loss 2011 , 85-102		18

43	A Clustering-Based Location Privacy Protection Scheme for Pervasive Computing 2010 ,		13
42	Urban arterial traffic intelligent coordination control technique and its application 2010 ,		2
41	An adaptive fault-tolerant communication scheme for body sensor networks. <i>Sensors</i> , 2010 , 10, 9590-608.8		16
40	Dynamical jumping real-time fault-tolerant routing protocol for wireless sensor networks. <i>Sensors</i> , 2010 , 10, 2416-37	3.8	17
39	Design and Implementation of a Wireless Sensor Network for Smart Homes 2010 ,		11
38	Task Allocation and Migration Algorithm for Temperature-Constrained Real-Time Multi-Core Systems 2010 ,		8
37	R-CA: A Routing-Based Dynamic Channel Assignment Algorithm in Wireless Mesh Networks 2010 ,		2
36	iCare: A Mobile Health Monitoring System for the Elderly 2010 ,		44
35	A Trust Model Based on Service Classification in Mobile Services 2010 ,		11
34	Localization Technologies for Indoor Human Tracking 2010 ,		103
33	DISG: Decentralized Inter-user Interference Suppression in Body Sensor Networks with Non-cooperative Game 2010 ,		8
32	A High-Confidence Cyber-Physical Alarm System: Design and Implementation 2010 ,		11
31	A Practical Localization Algorithm Based on Wireless Sensor Networks 2010 ,		6
30	iZone: A Location-Based Mobile Social Networking System 2010 ,		2
29	Leakage-Aware Reallocation for Periodic Real-Time Tasks on Multicore Processors 2010 ,		4
28	An inter-domain authentication scheme for pervasive computing environment. <i>Computers and Mathematics With Applications</i> , 2010 , 60, 234-244	2.7	6
27	Prediction-based data transmission for energy conservation in wireless body sensors 2010 ,		5
26	Feedback scheduling of priority-driven control networks. <i>Computer Standards and Interfaces</i> , 2009 , 31, 539-547	3.5	14

25	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
24	Wireless sensor technologies and applications. <i>Sensors</i> , 2009 , 9, 8824-30	3.8	22
23	Multi-Robot Dynamic Task Allocation Using Modified Ant Colony System. <i>Lecture Notes in Computer Science</i> , 2009 , 288-297	0.9	1
22	Control-theoretic dynamic voltage scaling for embedded controllers. <i>IET Computers and Digital Techniques</i> , 2008 , 2, 377	0.9	3
21	Network QoS Management in Cyber-Physical Systems 2008 ,		34
20	A Low-Cost Embedded Controller for Complex Control Systems 2008 ,		1
19	Programming scilab in ARM linux. <i>Software Engineering Notes: an Informal Newsletter of the Special Interest Committee on Software Engineering / ACM</i> , 2008 , 33, 1-5	0.4	1
18	Cross-Layer Adaptive Feedback Scheduling of Wireless Control Systems. <i>Sensors</i> , 2008 , 8, 4265-4281	3.8	4
17	QoS Challenges and Opportunities in Wireless Sensor/Actuator Networks. <i>Sensors</i> , 2008 , 8, 1099-1110	3.8	130
16	Integrated Design and Implementation of Embedded Control Systems with Scilab. <i>Sensors</i> , 2008 , 8, 5501-5515	3.8	17
15	Performance-Aware Power Management in Embedded Controllers with Multiple-Voltage Processors. <i>Information Technology Journal</i> , 2008 , 7, 942-947	0.7	2
14	Flexible Time-Triggered Sampling in Smart Sensor-Based Wireless Control Systems. <i>Sensors</i> , 2007 , 7, 2548-2564	3.8	14
13	Fuzzy Logic Control Based QoS Management in Wireless Sensor/Actuator Networks. <i>Sensors</i> , 2007 , 7, 3179-3191	3.8	56
12	Wireless Sensor/Actuator Network Design for Mobile Control Applications. <i>Sensors</i> , 2007 , 7, 2157-2173	3.8	103
11	Feedback scheduling. <i>ACM SIGPLAN Notices</i> , 2007 , 42, 7-14	0.2	17
10	A Neural Network Approach to QoS Management in Networked Control Systems over Ethernet 2006 , 444-449		0
9	An Enhanced Dynamic Voltage Scaling Scheme for Energy-Efficient Embedded Real-Time Control Systems. <i>Lecture Notes in Computer Science</i> , 2006 , 539-548	0.9	1
8	Fuzzy Logic Based Feedback Scheduler for Embedded Control Systems. <i>Lecture Notes in Computer Science</i> , 2005 , 453-462	0.9	8

7	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
6	NN-Based Iterative Learning Control Under Resource Constraints: A Feedback Scheduling Approach. <i>Lecture Notes in Computer Science</i> , 2005 , 1-6	0.9	4
5	Flexible Quality-of-Control Management in Embedded Systems Using Fuzzy Feedback Scheduling. <i>Lecture Notes in Computer Science</i> , 2005 , 624-633	0.9	3
4	Feedback based network scheduling of networked control systems		2
3	Simulation based performance analysis of networked control systems with resource constraints		2
2	Design and evaluation of event-driven networked real-time control systems with IEC function blocks		1
1	Edge data based trailer inception probabilistic matrix factorization for context-aware movie recommendation. <i>World Wide Web</i> ,1	2.9	2