

Jiguo Yu

List of Publications by Year in Descending Order

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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.

245
papers

4,136
citations

32
h-index

57
g-index

283
ext. papers

5,164
ext. citations

3.5
avg, IF

6.37
L-index

#	Paper	IF	Citations
245	Decentralized Wireless Federated Learning with Differential Privacy. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	1
244	Cooperative Communication and Mobility for Securing URLLC of Future Wireless Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	2
243	Covert communications with friendly jamming in Internet of vehicles. <i>Vehicular Communications</i> , 2022 , 100472	5.7	
242	Cooperative communication design of physical layer security enhancement with social ties in random networks. <i>Ad Hoc Networks</i> , 2022 , 130, 102822	4.8	
241	A Deep 1-D CNN and Bidirectional LSTM Ensemble Model With Arbitration Mechanism for LDDoS Attack Detection. <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , 2022 , 1-15	4.1	
240	Securing wireless communications from the perspective of physical layer: A survey. <i>Internet of Things (Netherlands)</i> , 2022 , 19, 100524	6.9	2
239	MPDP k-medoids: Multiple partition differential privacy preserving k-medoids clustering for data publishing in the Internet of Medical Things. <i>International Journal of Distributed Sensor Networks</i> , 2021 , 17, 155014772110425	1.7	0
238	Traceable Multiauthority Attribute-Based Encryption with Outsourced Decryption and Hidden Policy for CloT. <i>Wireless Communications and Mobile Computing</i> , 2021 , 2021, 1-16	1.9	5
237	Edge-disjoint paths in faulty augmented cubes. <i>Discrete Applied Mathematics</i> , 2021 , 294, 108-114	1	2
236	Achieving Privacy Preservation and Billing via Delayed Information Release. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 29, 1376-1390	3.8	7
235	Methods of improving Secrecy Transmission Capacity in wireless random networks. <i>Ad Hoc Networks</i> , 2021 , 117, 102492	4.8	6
234	Implementing The Abstract MAC Layer in Dynamic Networks. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 20, 1832-1845	4.6	35
233	Research on direct anonymous attestation mechanism in enterprise information management. <i>Enterprise Information Systems</i> , 2021 , 15, 513-529	3.5	7
232	Truthful Auction Analysis and Design in Multiunit Heterogenous Spectrum Markets With Reserve Prices. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2021 , 7, 157-170	6.6	
231	Distributed Social Learning With Imperfect Information. <i>IEEE Transactions on Network Science and Engineering</i> , 2021 , 8, 841-852	4.9	3
230	Nowhere to Hide: Efficiently Identifying Probabilistic Cloning Attacks in Large-Scale RFID Systems. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 714-727	8	15
229	Fee-Free Pooled Mining for Countering Pool-Hopping Attack in Blockchain. <i>IEEE Transactions on Dependable and Secure Computing</i> , 2021 , 1-1	3.9	7

228	Efficient Link Scheduling Solutions for the Internet of Things Under Rayleigh Fading. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-14	3.8	6
227	A Secret-Sharing-based Security Data Aggregation Scheme in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2021 , 303-313	0.9	
226	Rewarding and Efficient Data Sharing in EHR System with Coalition Blockchain Assistance. <i>Lecture Notes in Computer Science</i> , 2021 , 95-107	0.9	1
225	Deep Learning Based MIMO Transmission with Precoding and Radio Transformer Networks. <i>Procedia Computer Science</i> , 2021 , 187, 396-401	1.6	1
224	Distributed Algorithm for Truss Maintenance in Dynamic Graphs. <i>Lecture Notes in Computer Science</i> , 2021 , 104-115	0.9	2
223	Fast Core Maintenance in Dynamic Graphs. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-14	4.5	2
222	Jamming-Resilient Message Dissemination in Wireless Networks. <i>IEEE Transactions on Mobile Computing</i> , 2021 , 1-1	4.6	
221	Blockchain-Based Data Ownership Confirmation Scheme in Industrial Internet of Things. <i>Lecture Notes in Computer Science</i> , 2021 , 121-132	0.9	1
220	A Deep Learning Based Intelligent Transceiver Structure for Multiuser MIMO. <i>Lecture Notes in Computer Science</i> , 2021 , 545-552	0.9	
219	Applications of Differential Privacy in Social Network Analysis: A Survey. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	4
218	wChain: A Fast Fault-Tolerant Blockchain Protocol for Multihop Wireless Networks. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 1-1	9.6	6
217	DAP: Efficient Detection Against Probabilistic Cloning Attacks in Anonymous RFID Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	6
216	Structure-Attribute-Based Social Network Deanonimization With Spectral Graph Partitioning. <i>IEEE Transactions on Computational Social Systems</i> , 2021 , 1-12	4.5	2
215	Distributed Byzantine-Resilient Multiple-Message Dissemination in Wireless Networks. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 29, 1662-1675	3.8	5
214	Implementing the Abstract MAC Layer via Inductive Coloring Under the Rayleigh-Fading Model. <i>IEEE Transactions on Wireless Communications</i> , 2021 , 20, 6167-6178	9.6	4
213	DT-DPoS: A Delegated Proof of Stake Consensus Algorithm with Dynamic Trust. <i>Procedia Computer Science</i> , 2021 , 187, 371-376	1.6	8
212	CareEdge: A Lightweight Edge Intelligence Framework for ECG-Based Heartbeat Detection. <i>Procedia Computer Science</i> , 2021 , 187, 329-334	1.6	3
211	Privacy-Aware Data Trading. <i>IEEE Transactions on Information Forensics and Security</i> , 2021 , 16, 3916-3927	7	1

210	. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	9
209	Distributed Broadcasting in Dynamic Networks. <i>IEEE/ACM Transactions on Networking</i> , 2021 , 1-14	3.8	1
208	KCB-BC-SSE: A Keyword Complete Binary Tree Searchable Symmetric Encryption Scheme using Blockchain. <i>Procedia Computer Science</i> , 2021 , 187, 377-382	1.6	2
207	Adaptive NN-Based Consensus for a Class of Nonlinear Multiagent Systems With Actuator Faults and Faulty Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	20
206	Deep Learning-Based Power Control for Uplink Cognitive Radio Networks. <i>Lecture Notes in Computer Science</i> , 2021 , 538-549	0.9	
205	Aitac: an identity-based traceable anonymous communication model. <i>Journal of Ambient Intelligence and Humanized Computing</i> , 2020 , 1	3.7	
204	BC-SABE: Blockchain-Aided Searchable Attribute-Based Encryption for Cloud-IoT. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 7851-7867	10.7	30
203	LH-ABSC: A Lightweight Hybrid Attribute-Based Signcryption Scheme for Cloud-Fog-Assisted IoT. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 7949-7966	10.7	15
202	Interaction-aware influence maximization and iterated sandwich method. <i>Theoretical Computer Science</i> , 2020 , 821, 23-33	1.1	2
201	Query Privacy Preserving for Data Aggregation in Wireless Sensor Networks. <i>Wireless Communications and Mobile Computing</i> , 2020 , 2020, 1-10	1.9	8
200	. <i>IEEE Wireless Communications</i> , 2020 , 27, 24-30	13.4	34
199	EUMD: Efficient slot utilization based missing tag detection with unknown tags. <i>Journal of Network and Computer Applications</i> , 2020 , 160, 102640	7.9	4
198	Distributed Scheduling Algorithm for Optimizing Age of Information in Wireless Networks 2020 ,		2
197	Wireless Communications and Mobile Computing Blockchain-Based Trust Management in Distributed Internet of Things. <i>Wireless Communications and Mobile Computing</i> , 2020 , 2020, 1-12	1.9	14
196	Beamforming for MISO Cognitive Radio Networks Based on Successive Convex Approximation. <i>Lecture Notes in Computer Science</i> , 2020 , 370-380	0.9	
195	Outsourced Multi-authority ABE with White-Box Traceability for Cloud-IoT. <i>Lecture Notes in Computer Science</i> , 2020 , 322-332	0.9	3
194	Blockchain-Based Service Recommendation Supporting Data Sharing. <i>Lecture Notes in Computer Science</i> , 2020 , 580-589	0.9	7
193	Intelligent Dynamic Spectrum Access for Uplink Underlay Cognitive Radio Networks Based on Q-Learning. <i>Lecture Notes in Computer Science</i> , 2020 , 691-703	0.9	2

192	Neighbor product distinguishing total colorings of 2-degenerate graphs. <i>Journal of Combinatorial Optimization</i> , 2020 , 39, 72-76	0.9	1
191	. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020 , 31, 1287-1300	3.7	29
190	Achieving Personalized ϵ -Anonymity-Based Content Privacy for Autonomous Vehicles in CPS. <i>IEEE Transactions on Industrial Informatics</i> , 2020 , 16, 4242-4251	11.9	55
189	Data Aggregation in Wireless Sensor Networks: From the Perspective of Security. <i>IEEE Internet of Things Journal</i> , 2020 , 7, 6495-6513	10.7	15
188	Batch Processing for Truss Maintenance in Large Dynamic Graphs. <i>IEEE Transactions on Computational Social Systems</i> , 2020 , 7, 1435-1446	4.5	5
187	A Privacy Data Aggregation Scheme for Wireless Sensor Networks. <i>Procedia Computer Science</i> , 2020 , 174, 578-583	1.6	3
186	A Trust-based Dynamic Slicing Mechanism for Wireless Sensor Networks. <i>Procedia Computer Science</i> , 2020 , 174, 572-577	1.6	6
185	Distributed Shortest Link Scheduling Algorithms With Constant Time Complexity in IoT Under Rayleigh Fading. <i>IEEE Access</i> , 2020 , 8, 103245-103255	3.5	
184	Efficient Link Scheduling in Wireless Networks Under Rayleigh-Fading and Multiuser Interference. <i>IEEE Transactions on Wireless Communications</i> , 2020 , 19, 5621-5634	9.6	16
183	Fast skyline community search in multi-valued networks. <i>Big Data Mining and Analytics</i> , 2020 , 3, 171-180	4.3	9
182	BSV-PAGS: Blockchain-based special vehicles priority access guarantee scheme. <i>Computer Communications</i> , 2020 , 161, 28-40	5.1	12
181	PWEND: Proactive wakeup based energy-efficient neighbor discovery for mobile sensor networks. <i>Ad Hoc Networks</i> , 2020 , 107, 102247	4.8	7
180	Inference Attacks and Controls on Genotypes and Phenotypes for Individual Genomic Data. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020 , 17, 930-937	3	3
179	The hardness of resilience for nested aggregation query. <i>Theoretical Computer Science</i> , 2020 , 803, 152-159	15.9	5
178	Adaptive fault-tolerant consensus for a class of leader-following systems using neural network learning strategy. <i>Neural Networks</i> , 2020 , 121, 474-483	9.1	45
177	A Context-Aware Service Evaluation Approach over Big Data for Cloud Applications. <i>IEEE Transactions on Cloud Computing</i> , 2020 , 8, 338-348	3.3	24
176	Maximum delay anonymous clustering feature tree based privacy-preserving data publishing in social networks. <i>Procedia Computer Science</i> , 2019 , 147, 643-646	1.6	7
175	Distributed Dominating Set and Connected Dominating Set Construction Under the Dynamic SINR Model 2019 ,		15

174	Forecasting of Forex Time Series Data Based on Deep Learning. <i>Procedia Computer Science</i> , 2019 , 147, 647-652	1.6	36
173	De-anonymizing Scale-Free Social Networks by Using Spectrum Partitioning Method. <i>Procedia Computer Science</i> , 2019 , 147, 441-445	1.6	0
172	A novel distributed Social Internet of Things service recommendation scheme based on LSH forest. <i>Personal and Ubiquitous Computing</i> , 2019 , 1	2.1	5
171	Efficient Connected Dominating Set Construction with Maximum Lifetime in the Cognitive Radio Networks. <i>Procedia Computer Science</i> , 2019 , 147, 446-452	1.6	
170	Localized and distributed link scheduling algorithms in IoT under rayleigh fading. <i>Computer Networks</i> , 2019 , 151, 232-244	5.4	10
169	An XGBoost-based physical fitness evaluation model using advanced feature selection and Bayesian hyper-parameter optimization for wearable running monitoring. <i>Computer Networks</i> , 2019 , 151, 166-180	5.4	47
168	. <i>Proceedings of the IEEE</i> , 2019 , 107, 1608-1631	14.3	143
167	Identification of Vulnerable Lines in Smart Grid Systems Based on Affinity Propagation Clustering. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 5163-5171	10.7	16
166	Fast Distributed Backbone Construction Despite Strong Adversarial Jamming 2019 ,		17
165	User Identity De-anonymization Based on Attributes. <i>Lecture Notes in Computer Science</i> , 2019 , 458-469	0.9	6
164	. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 6681-6691	10.7	13
163	A Differential-Private Framework for Urban Traffic Flows Estimation via Taxi Companies. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 6492-6499	11.9	144
162	RMTS: A robust clock synchronization scheme for wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2019 , 135, 1-10	7.9	14
161	A Structure of 1-Planar Graph and Its Applications to Coloring Problems. <i>Graphs and Combinatorics</i> , 2019 , 35, 677-688	0.5	
160	A Novel Secure and Efficient Data Aggregation Scheme for IoT. <i>IEEE Internet of Things Journal</i> , 2019 , 6, 1551-1560	10.7	17
159	MBPSKA: Multi-Biometric and Physiological Signal-Based Key Agreement for Body Area Networks. <i>IEEE Access</i> , 2019 , 7, 78484-78502	3.5	4
158	Two Secure Privacy-Preserving Data Aggregation Schemes for IoT. <i>Wireless Communications and Mobile Computing</i> , 2019 , 2019, 1-11	1.9	12
157	Fast Fault-Tolerant Sampling via Random Walk in Dynamic Networks 2019 ,		3

156	Energy-Efficient Privacy Preserving Data Aggregation Protocols Based on Slicing 2019 ,		3
155	A Non-linear and Noise-Tolerant ZNN Model and Its Application to Static and Time-Varying Matrix Square Root Finding. <i>Neural Processing Letters</i> , 2019 , 50, 1687-1703	2.4	8
154	Triangle edge deletion on planar glasses-free RGB-digraphs. <i>Theoretical Computer Science</i> , 2019 , 788, 2-11	1.1	5
153	A Noise-Suppressing Neural Algorithm for Solving the Time-Varying System of Linear Equations: A Control-Based Approach. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 236-246	11.9	86
152	DP-MCDBSCAN: Differential Privacy Preserving Multi-Core DBSCAN Clustering for Network User Data. <i>IEEE Access</i> , 2018 , 6, 21053-21063	3.5	27
151	SecureGuard: A Certificate Validation System in Public Key Infrastructure. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 5399-5408	6.8	19
150	Robot manipulator control using neural networks: A survey. <i>Neurocomputing</i> , 2018 , 285, 23-34	5.4	135
149	Latent-Data Privacy Preserving With Customized Data Utility for Social Network Data. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 665-673	6.8	114
148	CRPD: a novel clustering routing protocol for dynamic wireless sensor networks. <i>Personal and Ubiquitous Computing</i> , 2018 , 22, 545-559	2.1	27
147	A novel centralized algorithm for constructing virtual backbones in wireless sensor networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018 , 2018,	3.2	6
146	. <i>IEEE Transactions on Big Data</i> , 2018 , 4, 301-312	3.2	30
145	. <i>IEEE Transactions on Big Data</i> , 2018 , 4, 341-355	3.2	58
144	Regularized Non-Negative Matrix Factorization for Identifying Differentially Expressed Genes and Clustering Samples: A Survey. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018 , 15, 974-987	3	35
143	Cancer-Drug Interaction Network Construction and Drug Target Prediction Based on Multi-source Data. <i>Lecture Notes in Computer Science</i> , 2018 , 223-235	0.9	1
142	MAC: Missing Tag Iceberg Queries for Multi-Category RFID Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 9947-9958	6.8	15
141	Deep Learning Based Inference of Private Information Using Embedded Sensors in Smart Devices. <i>IEEE Network</i> , 2018 , 32, 8-14	11.4	248
140	Solving Data Trading Dilemma with Asymmetric Incomplete Information Using Zero-Determinant Strategy. <i>Lecture Notes in Computer Science</i> , 2018 , 425-437	0.9	7
139	. <i>IEEE Transactions on Vehicular Technology</i> , 2018 , 67, 5274-5286	6.8	3

138	RPAR: Location Privacy Preserving via Repartitioning Anonymous Region in Mobile Social Network. <i>Security and Communication Networks</i> , 2018 , 2018, 1-10	1.9	8
137	Methods of increasing two-way transmission capacity of wireless ad hoc networks. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2018 , 2018,	3.2	2
136	Differential Private Preservation Multi-core DBScan Clustering for Network User Data. <i>Procedia Computer Science</i> , 2018 , 129, 257-262	1.6	3
135	ACS-DFP: Anonymous Communication Scheme Based on Decreased Forwarding Probability. <i>Procedia Computer Science</i> , 2018 , 129, 400-406	1.6	
134	SA Framework based De-anonymization of Social Networks. <i>Procedia Computer Science</i> , 2018 , 129, 358-368		6
133	Modeling and Analysis of Two-tier MIMO Heterogeneous Cellular Network. <i>Procedia Computer Science</i> , 2018 , 129, 364-367	1.6	
132	TSQM: Trust-based Secure Query Method in Anonymous Communication System. <i>Procedia Computer Science</i> , 2018 , 129, 394-399	1.6	
131	Fine-grained Access Control with Privacy Support and Network Service Optimization in Ad hoc Networks. <i>Procedia Computer Science</i> , 2018 , 129, 372-374	1.6	1
130	Fully Dynamic Broadcasting under SINR 2018 ,		2
129	Exact Implementation of Abstract MAC Layer via Carrier Sensing 2018 ,		8
128	A Novel Graph-based Mechanism for Identifying Traffic Vulnerabilities in Smart Home IoT 2018 ,		16
127	A Novel Distributed algorithm for constructing virtual backbones in wireless sensor networks. <i>Computer Networks</i> , 2018 , 146, 104-114	5.4	13
126	A nonlinear and noise-tolerant ZNN model solving for time-varying linear matrix equation. <i>Neurocomputing</i> , 2018 , 317, 70-78	5.4	22
125	Stable Local Broadcast in Multihop Wireless Networks Under SINR. <i>IEEE/ACM Transactions on Networking</i> , 2018 , 26, 1278-1291	3.8	40
124	A Privacy Preserving Algorithm Based on R-constrained Dummy Trajectory in Mobile Social Network. <i>Procedia Computer Science</i> , 2018 , 129, 420-425	1.6	5
123	An Efficient Privacy-Preserving Data Aggregation Scheme for IoT. <i>Lecture Notes in Computer Science</i> , 2018 , 164-176	0.9	7
122	Shortest Link Scheduling Algorithms in Wireless Networks Under the SINR Model. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2643-2657	6.8	42
121	An Android-Based Mechanism for Energy Efficient Localization Depending on Indoor/Outdoor Context. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 299-307	10.7	30

120	Cost-Efficient Strategies for Restraining Rumor Spreading in Mobile Social Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 2789-2800	6.8	169
119	Enhancing GPS With Lane-Level Navigation to Facilitate Highway Driving. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 4579-4591	6.8	35
118	Follow But No Track: Privacy Preserved Profile Publishing in Cyber-Physical Social Systems. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1868-1878	10.7	101
117	. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 2066-2076	11.9	76
116	Time-Location-Frequency-Aware Internet of things service selection based on historical records. <i>International Journal of Distributed Sensor Networks</i> , 2017 , 13, 155014771668869	1.7	26
115	Theoretical Analysis of Secrecy Transmission Capacity in Wireless Ad Hoc Networks 2017 ,		3
114	Localized Algorithms for Yao Graph-Based Spanner Construction in Wireless Networks Under SINR. <i>IEEE/ACM Transactions on Networking</i> , 2017 , 25, 2459-2472	3.8	10
113	Approximate Holistic Aggregation in Wireless Sensor Networks. <i>ACM Transactions on Sensor Networks</i> , 2017 , 13, 1-24	2.9	53
112	IoT Applications on Secure Smart Shopping System. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1945-1954	10.7	76
111	Ultraviolet Radiation Measurement via Smart Devices. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 934-944	10.7	14
110	A Privacy Preserving Communication Protocol for IoT Applications in Smart Homes. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1844-1852	10.7	156
109	Coverage Contribution Area Based k -Coverage for Wireless Sensor Networks. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 8510-8523	6.8	73
108	Distributed Spanner Construction With Physical Interference: Constant Stretch and Linear Sparseness. <i>IEEE/ACM Transactions on Networking</i> , 2017 , 25, 2138-2151	3.8	28
107	Efficient 3-dimensional localization for RFID systems using jumping probe. <i>Pervasive and Mobile Computing</i> , 2017 , 41, 300-318	3.5	6
106	An Invocation Cost Optimization Method for Web Services in Cloud Environment. <i>Scientific Programming</i> , 2017 , 2017, 1-9	1.4	15
105	Robust Nonnegative Matrix Factorization via Joint Graph Laplacian and Discriminative Information for Identifying Differentially Expressed Genes. <i>Complexity</i> , 2017 , 2017, 1-11	1.6	13
104	Privacy-Preserving and Scalable Service Recommendation Based on SimHash in a Distributed Cloud Environment. <i>Complexity</i> , 2017 , 2017, 1-9	1.6	61
103	A novel analysis of delay and power consumption for polling schemes in the IoT. <i>Tsinghua Science and Technology</i> , 2017 , 22, 368-378	3.4	4

102	Probabilistic Detection of Missing Tags for Anonymous Multicategory RFID Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2017 , 66, 11295-11305	6.8	15
101	Neighbor Sum (Set) Distinguishing Total Choosability Via the Combinatorial Nullstellensatz. <i>Graphs and Combinatorics</i> , 2017 , 33, 885-900	0.5	13
100	Maximizing target-temporal coverage of mission-driven camera sensor networks. <i>Journal of Combinatorial Optimization</i> , 2017 , 34, 279-301	0.9	5
99	SINR based shortest link scheduling with oblivious power control in wireless networks. <i>Journal of Network and Computer Applications</i> , 2017 , 77, 64-72	7.9	17
98	Influence maximization by probing partial communities in dynamic online social networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2017 , 28, e3054	1.9	27
97	Constructing a self-stabilizing CDS with bounded diameter in wireless networks under SINR 2017 ,		7
96	Guest Editorial Special Issue on Fog Computing in the Internet of Things. <i>IEEE Internet of Things Journal</i> , 2017 , 4, 1113-1116	10.7	2
95	A Hierarchical Game Framework for Data Privacy Preservation in Context-Aware IoT Applications 2017 ,		3
94	Distributed wireless link scheduling in the SINR model. <i>Journal of Combinatorial Optimization</i> , 2016 , 32, 278-292	0.9	2
93	Information exchange with collision detection on multiple channels. <i>Journal of Combinatorial Optimization</i> , 2016 , 31, 118-135	0.9	8
92	2016 ,		6
91	Efficient privacy-preserving schemes for dot-product computation in mobile computing 2016 ,		9
90	Connected dominating set construction in cognitive radio networks. <i>Personal and Ubiquitous Computing</i> , 2016 , 20, 757-769	2.1	7
89	A Novel Delay Analysis for Polling Schemes with Power Management Under Heterogeneous Environments. <i>Lecture Notes in Computer Science</i> , 2016 , 401-413	0.9	
88	. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2016 , 2, 427-441	6.6	11
87	Data Aggregation Scheduling in Wireless Sensor Networks under SINR 2016 ,		1
86	Priced Timed Petri Nets Based Resource Allocation Strategy for Fog Computing 2016 ,		3
85	IoT Applications on Secure Smart Shopping 2016 ,		6

84	A Privacy Preserving Communication Protocol for IoT Applications in Smart Homes 2016 ,		13
83	Analysis and optimization of delayed channel access for wireless cyber-physical systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016 , 2016,	3.2	5
82	An improved approximation algorithm for the shortest link scheduling in wireless networks under SINR and hypergraph models. <i>Journal of Combinatorial Optimization</i> , 2016 , 32, 1052-1067	0.9	2
81	Block-Constraint Robust Principal Component Analysis and its Application to Integrated Analysis of TCGA Data. <i>IEEE Transactions on Nanobioscience</i> , 2016 , 15, 510-516	3.4	16
80	Bounded information dissemination in multi-channel wireless networks. <i>Journal of Combinatorial Optimization</i> , 2016 , 31, 996-1012	0.9	5
79	An NMF-L2,1-Norm Constraint Method for Characteristic Gene Selection. <i>PLoS ONE</i> , 2016 , 11, e0158494	3.7	12
78	On Connected Target k-Coverage in Heterogeneous Wireless Sensor Networks. <i>Sensors</i> , 2016 , 16,	3.8	35
77	Time-Aware IoE Service Recommendation on Sparse Data. <i>Mobile Information Systems</i> , 2016 , 2016, 1-12	1.4	17
76	Characteristic gene selection via L2,1-norm Sparse Principal Component Analysis 2016 ,		1
75	Maximizing the stable throughput of high-priority traffic for wireless cyber-physical systems. <i>Eurasip Journal on Wireless Communications and Networking</i> , 2016 , 2016,	3.2	1
74	A novel contention-on-demand design for WiFi hotspots. <i>Personal and Ubiquitous Computing</i> , 2016 , 20, 705-716	2.1	3
73	Distributed deterministic broadcasting algorithms under the SINR model 2016 ,		11
72	Side-channel information leakage of encrypted video stream in video surveillance systems 2016 ,		15
71	Constructing Virtual Backbone with Bounded Diameters in Cognitive Radio Networks. <i>Lecture Notes in Computer Science</i> , 2015 , 809-819	0.9	1
70	A Self-Stabilizing Algorithm for CDS Construction with Constant Approximation in Wireless Networks under SINR Model 2015 ,		4
69	Speedup of information exchange using multiple channels in wireless ad hoc networks 2015 ,		11
68	Minimum connected dominating set construction in wireless networks under the beeping model 2015 ,		9
67	DS-MAC: An energy efficient demand sleep MAC protocol with low latency for wireless sensor networks. <i>Journal of Network and Computer Applications</i> , 2015 , 58, 155-164	7.9	21

66	k-Perimeter Coverage Evaluation and Deployment in Wireless Sensor Networks. <i>Lecture Notes in Computer Science</i> , 2015 , 50-59	0.9	
65	A Poisson Distribution Based Topology Control Algorithm for Wireless Sensor Networks Under SINR Model. <i>Lecture Notes in Computer Science</i> , 2015 , 706-714	0.9	2
64	The (r)-acyclic chromatic number of planar graphs. <i>Journal of Combinatorial Optimization</i> , 2015 , 29, 713-723		2
63	Connected Dominating Set Construction in Cognitive Radio Networks 2015 ,		1
62	On Connected Target k-Coverage in Heterogeneous Wireless Sensor Networks 2015 ,		2
61	Distributed Algorithms for Maximum Clique in Wireless Networks 2015 ,		2
60	An Attribute-Based Signcryption Scheme to Secure Attribute-Defined Multicast Communications. <i>Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering</i> , 2015 , 418-437	0.2	12
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