

Jian-qiang Li

List of Publications by Year in descending order

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168
papers

5,855
citations

71102

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5213
citing authors

#	ARTICLE	IF	CITATIONS
1	Integrated Generative Model for Industrial Anomaly Detection via Bidirectional LSTM and Attention Mechanism. IEEE Transactions on Industrial Informatics, 2023, 19, 541-550.	11.3	44
2	Privacy-Preserving Federated Learning for Industrial Edge Computing via Hybrid Differential Privacy and Adaptive Compression. IEEE Transactions on Industrial Informatics, 2023, 19, 1136-1144.	11.3	17
3	Influence Maximization in Complex Networks by Using Evolutionary Deep Reinforcement Learning. IEEE Transactions on Emerging Topics in Computational Intelligence, 2023, 7, 995-1009.	4.9	15
4	Protecting Vaccine Safety: An Improved, Blockchain-Based, Storage-Efficient Scheme. IEEE Transactions on Cybernetics, 2023, 53, 3588-3598.	9.5	5
5	Age of Information in Physical-Layer Network Coding Enabled Two-Way Relay Networks. IEEE Transactions on Mobile Computing, 2023, 22, 4485-4499.	5.8	8
6	Trajectory Optimization for Drone Logistics Delivery via Attention-Based Pointer Network. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 4519-4531.	8.0	10
7	Time-Constrained Ensemble Sensing With Heterogeneous IoT Devices in Intelligent Transportation Systems. IEEE Transactions on Intelligent Transportation Systems, 2023, 24, 12949-12960.	8.0	7
8	A Variational AutoEncoder-Based Relational Model for Cost-Effective Automatic Medical Fraud Detection. IEEE Transactions on Dependable and Secure Computing, 2023, 20, 3408-3420.	5.4	0
9	Multiresolution community detection in complex networks by using a decomposition based multiobjective memetic algorithm. Memetic Computing, 2023, 15, 89-102.	4.0	1
10	Machine Learning for the Detection and Identification of Internet of Things Devices: A Survey. IEEE Internet of Things Journal, 2022, 9, 298-320.	8.7	76
11	An Ensemble Surrogate-Based Framework for Expensive Multiobjective Evolutionary Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 631-645.	10.0	19
12	On-Site Colonoscopy Autodiagnosis Using Smart Internet of Medical Things. IEEE Internet of Things Journal, 2022, 9, 8657-8668.	8.7	3
13	RTT-Based Rogue UAV Detection in IoV Networks. IEEE Internet of Things Journal, 2022, 9, 5909-5919.	8.7	2
14	Integrated Air-Ground Vehicles for UAV Emergency Landing Based on Graph Convolution Network. IEEE Internet of Things Journal, 2022, 9, 9106-9116.	8.7	0
15	Cryptanalysis of a Honeyword System in the IoT Platform. IEEE Internet of Things Journal, 2022, 9, 2614-2626.	8.7	3
16	Stroke Risk Prediction With Hybrid Deep Transfer Learning Framework. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 411-422.	6.3	15
17	Enhancing Robustness and Resilience of Multiplex Networks Against Node-Community Cascading Failures. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 3808-3821.	9.3	11
18	GAN-Based Dual Active Learning for Nosocomial Infection Detection. IEEE Transactions on Network Science and Engineering, 2022, 9, 3282-3291.	6.4	1

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19	Energy-Efficient Ground Traversability Mapping Based on UAV-UCV Collaborative System. IEEE Transactions on Green Communications and Networking, 2022, 6, 69-78.	5.5	5
20	A Memetic Path Planning Algorithm for Unmanned Air/Ground Vehicle Cooperative Detection Systems. IEEE Transactions on Automation Science and Engineering, 2022, 19, 2724-2737.	5.2	26
21	Verifiable Cloud Data Access: Design, Analysis, and Implementation. IEEE Systems Journal, 2022, 16, 1135-1146.	4.6	3
22	A Self-Guided Reference Vector Strategy for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2022, 52, 1164-1178.	9.5	25
23	Bift: A Blockchain-Based Federated Learning System for Connected and Autonomous Vehicles. IEEE Internet of Things Journal, 2022, 9, 12311-12322.	8.7	27
24	Zero-Bias Deep-Learning-Enabled Quickest Abnormal Event Detection in IoT. IEEE Internet of Things Journal, 2022, 9, 11385-11395.	8.7	8
25	Efficient Resource Allocation for Multi-Beam Satellite-Terrestrial Vehicular Networks: A Multi-Agent Actor-Critic Method With Attention Mechanism. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 2727-2738.	8.0	15
26	Meta-Hierarchical Reinforcement Learning (MHRL)-Based Dynamic Resource Allocation for Dynamic Vehicular Networks. IEEE Transactions on Vehicular Technology, 2022, 71, 3495-3506.	6.3	22
27	Reducing Negative Transfer Learning via Clustering for Dynamic Multiobjective Optimization. IEEE Transactions on Evolutionary Computation, 2022, 26, 1102-1116.	10.0	13
28	Explainable CNN With Fuzzy Tree Regularization for Respiratory Sound Analysis. IEEE Transactions on Fuzzy Systems, 2022, 30, 1516-1528.	9.8	15
29	An Online Zero-Forcing Precoder for Weighted Sum-Rate Maximization in Green CoMP Systems. IEEE Transactions on Wireless Communications, 2022, 21, 7566-7581.	9.2	4
30	CSG: Classifier-Aware Defense Strategy Based on Compressive Sensing and Generative Networks for Visual Recognition in Autonomous Vehicle Systems. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 9543-9553.	8.0	8
31	Wi-Phrase: Deep Residual-Multihead Model for WiFi Sign Language Phrase Recognition. IEEE Internet of Things Journal, 2022, 9, 18015-18027.	8.7	2
32	Heterogeneous graph embedding model for predicting interactions between TF and target gene. Bioinformatics, 2022, 38, 2554-2560.	4.1	2
33	PMCDM: Privacy-preserving multiresolution community detection in multiplex networks. Knowledge-Based Systems, 2022, 244, 108542.	7.1	4
34	Heuristics and metaheuristics for biological network alignment: A review. Neurocomputing, 2022, 491, 426-441.	5.9	8
35	GraphTGI: an attention-based graph embedding model for predicting TF-target gene interactions. Briefings in Bioinformatics, 2022, 23, .	6.5	7
36	Age of Information With Collision-Resolution Random Access. IEEE Transactions on Vehicular Technology, 2022, 71, 11295-11300.	6.3	9

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37	IMS-CDA: Prediction of CircRNA-Disease Associations From the Integration of Multisource Similarity Information With Deep Stacked Autoencoder Model. IEEE Transactions on Cybernetics, 2021, 51, 5522-5531.	9.5	36
38	Accuracy Versus Simplification in an Approximate Logic Neural Model. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5194-5207.	11.3	9
39	Multi-Neighborhood Learning for Global Alignment in Biological Networks. IEEE/ACM Transactions on Computational Biology and Bioinformatics, 2021, 18, 2598-2611.	3.0	12
40	Diversity-Sensitive Generative Adversarial Network for Terrain Mapping Under Limited Human Intervention. IEEE Transactions on Cybernetics, 2021, 51, 6029-6040.	9.5	8
41	An Ensemble Net of Convolutional Auto-Encoder and Graph Auto-Encoder for Auto-Diagnosis. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 189-199.	3.8	6
42	Multimodal Multiobjective Evolutionary Optimization With Dual Clustering in Decision and Objective Spaces. IEEE Transactions on Evolutionary Computation, 2021, 25, 130-144.	10.0	78
43	Timely Information Update With Nonorthogonal Multiple Access. IEEE Transactions on Industrial Informatics, 2021, 17, 4096-4106.	11.3	16
44	Blockchain-Based Edge Computing Resource Allocation in IoT: A Deep Reinforcement Learning Approach. IEEE Internet of Things Journal, 2021, 8, 2226-2237.	8.7	93
45	Zero-Bias Deep Learning for Accurate Identification of Internet-of-Things (IoT) Devices. IEEE Internet of Things Journal, 2021, 8, 2627-2634.	8.7	55
46	Edge Intelligence (EI)-Enabled HTTP Anomaly Detection Framework for the Internet of Things (IoT). IEEE Internet of Things Journal, 2021, 8, 3554-3566.	8.7	31
47	Bayesian Estimation of Human Impedance and Motion Intention for Human-Robot Collaboration. IEEE Transactions on Cybernetics, 2021, 51, 1822-1834.	9.5	67
48	An Elite Gene Guided Reproduction Operator for Many-Objective Optimization. IEEE Transactions on Cybernetics, 2021, 51, 765-778.	9.5	15
49	Human-in-the-Loop Control Strategy of Unilateral Exoskeleton Robots for Gait Rehabilitation. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 57-66.	3.8	25
50	Developing Practical Multi-view Learning for Clinical Analytics in P4 Medicine. IEEE Transactions on Emerging Topics in Computing, 2021, , 1-1.	4.6	3
51	Class-Incremental Learning for Wireless Device Identification in IoT. IEEE Internet of Things Journal, 2021, 8, 17227-17235.	8.7	40
52	Incorporating Knowledge Base for Deep Classification of Fetal Heart Rate. Lecture Notes in Computer Science, 2021, , 121-131.	1.3	0
53	System Identification Based on Generalized Orthonormal Basis Function for Unmanned Helicopters: A Reinforcement Learning Approach. IEEE Transactions on Vehicular Technology, 2021, 70, 1135-1145.	6.3	4
54	On Designing a Lesser Obtrusive Authentication Protocol to Prevent Machine-Learning-Based Threats in Internet of Things. IEEE Internet of Things Journal, 2021, 8, 3255-3267.	8.7	6

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55	SEDMDroid: An Enhanced Stacking Ensemble Framework for Android Malware Detection. IEEE Transactions on Network Science and Engineering, 2021, 8, 984-994.	6.4	65
56	Coding of Multi-Source Information Streams With Age of Information Requirements. IEEE Journal on Selected Areas in Communications, 2021, 39, 1427-1440.	14.0	8
57	Predicting transcription factor binding sites using DNA shape features based on shared hybrid deep learning architecture. Molecular Therapy - Nucleic Acids, 2021, 24, 154-163.	5.1	27
58	Differential Privacy for Industrial Internet of Things: Opportunities, Applications, and Challenges. IEEE Internet of Things Journal, 2021, 8, 10430-10451.	8.7	74
59	Optimal Capacity Allocation and Caching Strategy for Multi-UAV Collaborative Edge Caching. , 2021, , .		1
60	Person Counting Based On Graph Relation Network Using UAV. , 2021, , .		0
61	Interpretable Respiratory Sound Analysis with Ensemble Knowledge Distillation. , 2021, , .		1
62	A Novel Adaptive Gradient Compression Scheme: Reducing the Communication Overhead for Distributed Deep Learning in the Internet of Things. IEEE Internet of Things Journal, 2021, 8, 11476-11486.	8.7	11
63	Bidirectional stochastic configuration network for regression problems. Neural Networks, 2021, 140, 237-246.	5.9	35
64	Graph relation network for person counting in construction site using UAV. Applied Soft Computing Journal, 2021, 110, 107562.	7.2	4
65	Global Visual and Semantic Observations for Outdoor Robot Localization. IEEE Transactions on Network Science and Engineering, 2021, 8, 2909-2921.	6.4	2
66	A Fast-adaptive Edge Resource Allocation Strategy for Dynamic Vehicular Networks. , 2021, , .		2
67	A Blockchain-Enabled Federated Learning System with Edge Computing for Vehicular Networks. , 2021, , .		1
68	A Mobile Computing Based Attendance System and Students' Attitude Study. , 2021, , .		0
69	GBDR: a Bayesian model for precise prediction of pathogenic microorganisms using 16S rRNA gene sequences. BMC Genomics, 2021, 22, 916.	2.8	0
70	Structural Balance Computation in Signed Networks by Using Multifactorial Discrete Particle Swarm Optimization. , 2021, , .		0
71	Evolution of Cooperation in Signed Networks Under a Cheating Strategy. , 2021, , .		0
72	A novel edge-enabled SLAM solution using projected depth image information. Neural Computing and Applications, 2020, 32, 15369-15381.	5.6	5

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73	<i>TagSort</i> : Accurate Relative Localization Exploring RFID Phase Spectrum Matching for Internet of Things. <i>IEEE Internet of Things Journal</i> , 2020, 7, 389-399.	8.7	35
74	Cost-Aware Robust Control of Signed Networks by Using a Memetic Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 4430-4443.	9.5	19
75	Privacy-Preserving Global Structural Balance Computation in Signed Networks. <i>IEEE Transactions on Computational Social Systems</i> , 2020, 7, 164-177.	4.4	7
76	In silico prediction of potential miRNA-disease association using an integrative bioinformatics approach based on kernel fusion. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 573-587.	3.6	8
77	DeepAdd: Protein function prediction from k-mer embedding and additional features. <i>Computational Biology and Chemistry</i> , 2020, 89, 107379.	2.3	17
78	Interpretation of Electrocardiogram (ECG) Rhythm by Combined CNN and BiLSTM. <i>IEEE Access</i> , 2020, 8, 125380-125388.	4.2	51
79	On Understanding the Impact of RTT in the Mobile Network for Detecting the Rogue UAVs. <i>IEEE Transactions on Cognitive Communications and Networking</i> , 2020, 6, 1218-1229.	7.9	3
80	Germline genomic patterns are associated with cancer risk, oncogenic pathways, and clinical outcomes. <i>Science Advances</i> , 2020, 6, .	10.3	12
81	A GCN-Based Decision-Making Network for Autonomous UAV Landing. , 2020, , .		1
82	A Two-level Memetic Path Planning Algorithm for Unmanned Air/Ground Vehicle Cooperative Detection Systems. , 2020, , .		5
83	Real-time Colonoscopy Image Segmentation Based on Ensemble Knowledge Distillation. , 2020, , .		1
84	iCDA-CGR: Identification of circRNA-disease associations based on Chaos Game Representation. <i>PLoS Computational Biology</i> , 2020, 16, e1007872.	3.2	63
85	A survey of decomposition approaches in multiobjective evolutionary algorithms. <i>Neurocomputing</i> , 2020, 408, 308-330.	5.9	26
86	Towards Usable Cloud Storage Auditing. <i>IEEE Transactions on Parallel and Distributed Systems</i> , 2020, 31, 2605-2617.	5.6	16
87	Using Weighted Extreme Learning Machine Combined with Scale-invariant Feature Transform to Predict Protein-Protein Interactions from Protein Evolutionary Information. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2020, 17, 1-1.	3.0	14
88	A Fast CP-ABE System for Cyber-Physical Security and Privacy in Mobile Healthcare Network. <i>IEEE Transactions on Industry Applications</i> , 2020, , 1-1.	4.9	40
89	Crowd-MECS: A Novel Crowdsourcing Framework for Mobile Edge Caching and Sharing. <i>IEEE Internet of Things Journal</i> , 2020, 7, 9426-9440.	8.7	13
90	Gait Recognition as a Service for Unobtrusive User Identification in Smart Spaces. <i>ACM Transactions on Internet of Things</i> , 2020, 1, 1-21.	4.6	10

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91	Automatic Classification of Fetal Heart Rate Based on Convolutional Neural Network. IEEE Internet of Things Journal, 2019, 6, 1394-1401.	8.7	50
92	A Constrained Solution Update Strategy for Multiobjective Evolutionary Algorithm Based on Decomposition. Complexity, 2019, 2019, 1-11.	1.6	3
93	A Rainbow-Based Authenticated Scheme for Securing Smart Connected Health Systems. Journal of Medical Systems, 2019, 43, 276.	3.6	3
94	Energy Harvesting-Based Smart Transportation Mode Detection System via Attention-Based LSTM. IEEE Access, 2019, 7, 66423-66434.	4.2	18
95	Brush like a Dentist: Accurate Monitoring of Toothbrushing via Wrist-Worn Gesture Sensing. , 2019, , .		16
96	Anticancer Drug Response Prediction in Cell Lines Using Weighted Graph Regularized Matrix Factorization. Molecular Therapy - Nucleic Acids, 2019, 17, 164-174.	5.1	62
97	On Overcoming the Identified Limitations of a Usable PIN Entry Method. IEEE Access, 2019, 7, 124366-124378.	4.2	5
98	Research on Virtual Reality Arm Motion Capture and Recognition. , 2019, , .		0
99	An Efficient Attribute-Based Encryption Scheme With Policy Update and File Update in Cloud Computing. IEEE Transactions on Industrial Informatics, 2019, 15, 6500-6509.	11.3	65
100	Mobile Medical Question and Answer System with Improved Char-level based Convolution Neural Network and Sparse Auto Encoder. , 2019, , .		3
101	Association of Germline Variants in Natural Killer Cells With Tumor Immune Microenvironment Subtypes, Tumor-Infiltrating Lymphocytes, Immunotherapy Response, Clinical Outcomes, and Cancer Risk. JAMA Network Open, 2019, 2, e199292.	5.9	49
102	A GAN-based Active Terrain Mapping for Collaborative Air-Ground Robotic System. , 2019, , .		0
103	Approximation Algorithm for Relay Node Placement in Singled-Tiered Wireless Sensor Networks. , 2019, , .		1
104	Predictable Privacy-Preserving Mobile Crowd Sensing: A Tale of Two Roles. IEEE/ACM Transactions on Networking, 2019, 27, 361-374.	3.8	20
105	Monitoring Bio-Chemical Indicators Using Machine Learning Techniques for an Effective Large for Gestational Age Prediction Model with Reduced Computational Overhead. Lecture Notes in Electrical Engineering, 2019, , 130-137.	0.4	10
106	Evolutionary Search with Multiple Utopian Reference Points in Decomposition-Based Multiobjective Optimization. Complexity, 2019, 2019, 1-22.	1.6	6
107	Late pregnancy analysis with Yunbanâ€™s remote fetal monitoring system. International Journal of Distributed Sensor Networks, 2019, 15, 155014771983283.	2.2	3
108	On Stability of Multi-Valued Nonlinear Feedback Shift Registers. Complexity, 2019, 2019, 1-11.	1.6	1

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109	RFSMMA: A New Computational Model to Identify and Prioritize Potential Small Molecule-miRNA Associations. <i>Journal of Chemical Information and Modeling</i> , 2019, 59, 1668-1679.	5.4	45
110	Domain-specific data mining for residents' transit pattern retrieval from incomplete information. <i>Journal of Network and Computer Applications</i> , 2019, 134, 62-71.	9.1	8
111	In Silico Prediction of Small Molecule-miRNA Associations Based on the HeteSim Algorithm. <i>Molecular Therapy - Nucleic Acids</i> , 2019, 14, 274-286.	5.1	54
112	Modular exponential multivariate sequence and its application to lightweight security design. <i>Future Generation Computer Systems</i> , 2019, 98, 435-443.	7.5	1
113	Toward Migration of SGX-Enabled Containers. , 2019, , .		4
114	Reliable Link Inference for Network Data With Community Structures. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 3347-3361.	9.5	21
115	Dynamic Scalable Elliptic Curve Cryptographic Scheme and Its Application to In-Vehicle Security. <i>IEEE Internet of Things Journal</i> , 2019, 6, 5892-5901.	8.7	24
116	Joint Optimization of Energy Consumption and Latency in Mobile Edge Computing for Internet of Things. <i>IEEE Internet of Things Journal</i> , 2019, 6, 4791-4803.	8.7	96
117	Computational models for lncRNA function prediction and functional similarity calculation. <i>Briefings in Functional Genomics</i> , 2019, 18, 58-82.	2.7	141
118	Secure and efficient parallel hash function construction and its application on cloud audit. <i>Soft Computing</i> , 2019, 23, 8907-8925.	3.6	5
119	RNA methylation and diseases: experimental results, databases, Web servers and computational models. <i>Briefings in Bioinformatics</i> , 2019, 20, 896-917.	6.5	74
120	Design of a Continuous Blood Pressure Measurement System Based on Pulse Wave and ECG Signals. <i>IEEE Journal of Translational Engineering in Health and Medicine</i> , 2018, 6, 1-14.	3.7	20
121	A Five-Phase Doubly Fed Doubly Salient HTS Linear Motor for Vertical Transportation. <i>IEEE Transactions on Applied Superconductivity</i> , 2018, 28, 1-5.	1.7	8
122	HNMDA: heterogeneous network-based miRNA-disease association prediction. <i>Molecular Genetics and Genomics</i> , 2018, 293, 983-995.	2.1	19
123	PSOTrack: A RFID-Based System for Random Moving Objects Tracking in Unconstrained Indoor Environment. <i>IEEE Internet of Things Journal</i> , 2018, 5, 4632-4641.	8.7	63
124	GIMDA: Graphlet interaction-based MiRNA-disease association prediction. <i>Journal of Cellular and Molecular Medicine</i> , 2018, 22, 1548-1561.	3.6	25
125	MPiLoc: Self-Calibrating Multi-Floor Indoor Localization Exploiting Participatory Sensing. <i>IEEE Transactions on Mobile Computing</i> , 2018, 17, 141-154.	5.8	46
126	A Diversity-Enhanced Resource Allocation Strategy for Decomposition-Based Multiobjective Evolutionary Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2018, 48, 2388-2401.	9.5	35

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127	Research on the Hypertension Syndrome Elements Differentiation of TCM Based on Multi-label Learning and Ensemble Learning. , 2018, , .		2
128	MDAD: A Special Resource for Microbe-Drug Associations. <i>Frontiers in Cellular and Infection Microbiology</i> , 2018, 8, 424.	3.9	57
129	Multiobjective Personalized Recommendation Algorithm Using Extreme Point Guided Evolutionary Computation. <i>Complexity</i> , 2018, 2018, 1-18.	1.6	21
130	Medical Question Similarity Calculation Based On Weighted Domain Dictionary. , 2018, , .		4
131	MicroRNA-small molecule association identification: from experimental results to computational models. <i>Briefings in Bioinformatics</i> , 2018, , .	6.5	105
132	Prediction of Potential Small Molecule-Associated MicroRNAs Using Graphlet Interaction. <i>Frontiers in Pharmacology</i> , 2018, 9, 1152.	3.5	33
133	Lexicon-Enhanced LSTM With Attention for General Sentiment Analysis. <i>IEEE Access</i> , 2018, 6, 71884-71891.	4.2	71
134	A Hybrid Interpolation Weighted Collaborative Filtering Method for Anti-cancer Drug Response Prediction. <i>Frontiers in Pharmacology</i> , 2018, 9, 1017.	3.5	38
135	SODAR: Nonobtrusive Off-Line Social Structure Reconstruction Through Passive Wireless Sensing. <i>IEEE Transactions on Computational Social Systems</i> , 2018, 5, 871-883.	4.4	0
136	Predicting miRNAâ€“disease association based on inductive matrix completion. <i>Bioinformatics</i> , 2018, 34, 4256-4265.	4.1	448
137	Mobile medical question and answer system with auto domain lexicon extraction and question auto annotation. , 2018, , .		1
138	GRMDA: Graph Regression for MiRNA-Disease Association Prediction. <i>Frontiers in Physiology</i> , 2018, 9, 92.	2.8	30
139	Inferring potential small moleculeâ€“miRNA association based on triple layer heterogeneous network. <i>Journal of Cheminformatics</i> , 2018, 10, 30.	6.1	65
140	Both maternal and paternal risk factors for term singleton low birthweight infants in rural Chinese population: a population-based, retrospective cohort study. <i>Scientific Reports</i> , 2018, 8, 12539.	3.3	8
141	Toward Efficient Mechanisms for Mobile Crowdsensing. <i>IEEE Transactions on Vehicular Technology</i> , 2017, 66, 1760-1771.	6.3	47
142	Pallas: Self-Bootstrapping Fine-Grained Passive Indoor Localization Using WiFi Monitors. <i>IEEE Transactions on Mobile Computing</i> , 2017, 16, 466-481.	5.8	71
143	PSPEL: In Silico Prediction of Self-Interacting Proteins from Amino Acids Sequences Using Ensemble Learning. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2017, 14, 1165-1172.	3.0	56
144	Computation Partitioning for Mobile Cloud Computing in a Big Data Environment. <i>IEEE Transactions on Industrial Informatics</i> , 2017, 13, 2009-2018.	11.3	60

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145	An External Archive-Guided Multiobjective Particle Swarm Optimization Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 2794-2808.	9.5	96
146	Industrial Internet: A Survey on the Enabling Technologies, Applications, and Challenges. <i>IEEE Communications Surveys and Tutorials</i> , 2017, 19, 1504-1526.	39.4	334
147	Preconception <scp>TSH</scp> and pregnancy outcomes: a populationâ€based cohort study in 184Â611 women. <i>Clinical Endocrinology</i> , 2017, 86, 816-824.	2.4	52
148	Design of a Real-Time ECG Filter for Portable Mobile Medical Systems. <i>IEEE Access</i> , 2017, 5, 696-704.	4.2	59
149	A novel adaptive control strategy for decomposition-based multiobjective algorithm. <i>Computers and Operations Research</i> , 2017, 78, 94-107.	4.0	18
150	MCMDA: Matrix completion for MiRNA-disease association prediction. <i>Oncotarget</i> , 2017, 8, 21187-21199.	1.8	189
151	NRDTD: a database for clinically or experimentally supported non-coding RNAs and drug targets associations. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	60
152	An ensemble approach for large-scale identification of protein-protein interactions using the alignments of multiple sequences. <i>Oncotarget</i> , 2017, 8, 5149-5159.	1.8	40
153	DLREFD: a database providing associations of long non-coding RNAs, environmental factors and phenotypes. <i>Database: the Journal of Biological Databases and Curation</i> , 2017, 2017, .	3.0	12
154	Detection of Interactions between Proteins through Rotation Forest and Local Phase Quantization Descriptors. <i>International Journal of Molecular Sciences</i> , 2016, 17, 21.	4.1	51
155	Accurate RFID localization algorithm withÂparticle swarm optimization based onÂreference tags. <i>Journal of Intelligent and Fuzzy Systems</i> , 2016, 31, 2697-2706.	1.4	17
156	Learning distributed word representation with multi-contextual mixed embedding. <i>Knowledge-Based Systems</i> , 2016, 106, 220-230.	7.1	43
157	SLAM: Depth image information for mapping and inertial navigation system for localization. , 2016, , .		4
158	A Hybrid Path Planning Method in Unmanned Air/Ground Vehicle (UAV/UGV) Cooperative Systems. <i>IEEE Transactions on Vehicular Technology</i> , 2016, 65, 9585-9596.	6.3	184
159	Accuracy-aware wireless indoor localization: Feasibility and applications. <i>Journal of Network and Computer Applications</i> , 2016, 62, 128-136.	9.1	21
160	Continuous-Behavior and Discrete-Time Combined Control for Linear Induction Motor-Based Urban Rail Transit. <i>IEEE Transactions on Magnetics</i> , 2016, 52, 1-4.	2.1	36
161	Software-Defined Networking (SDN) and Distributed Denial of Service (DDoS) Attacks in Cloud Computing Environments: A Survey, Some Research Issues, and Challenges. <i>IEEE Communications Surveys and Tutorials</i> , 2016, 18, 602-622.	39.4	599
162	Dynamic Online HDP model for discovering evolutionary topics from Chinese social texts. <i>Neurocomputing</i> , 2016, 171, 412-424.	5.9	17

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163	Analysis and Research on the Quantifiable Weighting of Top Racing Management Based on the Perspective of Behavioral Subject. <i>Journal of Computational and Theoretical Nanoscience</i> , 2016, 13, 4461-4464.	0.4	0
164	Global path planning of wheeled robots using multi-objective memetic algorithms. <i>Integrated Computer-Aided Engineering</i> , 2015, 22, 387-404.	4.6	85
165	Note: Resonance magnetoelectric interactions in laminate of FeCuNbSiB and multilayer piezoelectric stack for magnetic sensor. <i>Review of Scientific Instruments</i> , 2015, 86, 096109.	1.3	2
166	Detecting Protein-Protein Interactions with a Novel Matrix-Based Protein Sequence Representation and Support Vector Machines. <i>BioMed Research International</i> , 2015, 2015, 1-9.	1.9	45
167	A novel multi-objective particle swarm optimization with multiple search strategies. <i>European Journal of Operational Research</i> , 2015, 247, 732-744.	5.7	204
168	An Intelligent Wireless Sensor Networks System with Multiple Servers Communication. <i>International Journal of Distributed Sensor Networks</i> , 2015, 11, 960173.	2.2	45