

Weiping Wang

List of Publications by Year in descending order

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Version: 2024-02-01

385
papers

7,491
citations

87723

38
h-index

85405

71
g-index

386
all docs

386
docs citations

386
times ranked

5965
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | BlockPolish: accurate polishing of long-read assembly via block divide-and-conquer. Briefings in Bioinformatics, 2022, 23, . | 3.2 | 2 |
| 2 | NPCDR: natural product-based drug combination and its disease-specific molecular regulation. Nucleic Acids Research, 2022, 50, D1324-D1333. | 6.5 | 21 |
| 3 | Graph-Based Stock Recommendation by Time-Aware Relational Attention Network. ACM Transactions on Knowledge Discovery From Data, 2022, 16, 1-21. | 2.5 | 10 |
| 4 | Artificial intelligence for prediction of COVID-19 progression using CT imaging and clinical data. European Radiology, 2022, 32, 205-212. | 2.3 | 42 |
| 5 | A similarity-based deep learning approach for determining the frequencies of drug side effects. Briefings in Bioinformatics, 2022, 23, . | 3.2 | 9 |
| 6 | Detecting Adversarial Samples for Deep Learning Models: A Comparative Study. IEEE Transactions on Network Science and Engineering, 2022, 9, 231-244. | 4.1 | 8 |
| 7 | msRepDB: a comprehensive repetitive sequence database of over 80 000 species. Nucleic Acids Research, 2022, 50, D236-D245. | 6.5 | 8 |
| 8 | SYNBIP: synthetic binding proteins for research, diagnosis and therapy. Nucleic Acids Research, 2022, 50, D560-D570. | 6.5 | 48 |
| 9 | HyperAttentionDTI: improving drug-protein interaction prediction by sequence-based deep learning with attention mechanism. Bioinformatics, 2022, 38, 655-662. | 1.8 | 55 |
| 10 | MTGNN: Multi-Task Graph Neural Network based few-shot learning for disease similarity measurement. Methods, 2022, 198, 88-95. | 1.9 | 9 |
| 11 | An integrated brain-specific network identifies genes associated with neuropathologic and clinical traits of Alzheimer's disease. Briefings in Bioinformatics, 2022, 23, . | 3.2 | 3 |
| 12 | TissueNexus: a database of human tissue functional gene networks built with a large compendium of curated RNA-seq data. Nucleic Acids Research, 2022, 50, D710-D718. | 6.5 | 11 |
| 13 | VAMP: A Predictive Approach to Audio/Video Bitrate Adaptation Over Wireless Networks. IEEE Wireless Communications Letters, 2022, 11, 513-517. | 3.2 | 3 |
| 14 | An Improved Bound and Singleton-Optimal Constructions of Fractional Repetition Codes. IEEE Transactions on Communications, 2022, 70, 749-758. | 4.9 | 0 |
| 15 | AlzCode: a platform for multiview analysis of genes related to Alzheimer's disease. Bioinformatics, 2022, 38, 2030-2032. | 1.8 | 3 |
| 16 | An automated COVID-19 triage pipeline using artificial intelligence based on chest radiographs and clinical data. Npj Digital Medicine, 2022, 5, 5. | 5.7 | 22 |
| 17 | On Some Capacity-Achieving Fractional Repetition Codes. IEEE Transactions on Vehicular Technology, 2022, 71, 3332-3337. | 3.9 | 1 |
| 18 | Drug repositioning based on multi-view learning with matrix completion. Briefings in Bioinformatics, 2022, 23, . | 3.2 | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | End-to-End Congestion Control to Provide Deterministic Latency Over Internet. IEEE Communications Letters, 2022, 26, 843-847. | 2.5 | 5 |
| 20 | A Refined Branching Algorithm for the Maximum Satisfiability Problem. Algorithmica, 2022, 84, 982-1006. | 1.0 | 2 |
| 21 | PDMDA: predicting deep-level miRNA-disease associations with graph neural networks and sequence features. Bioinformatics, 2022, 38, 2226-2234. | 1.8 | 18 |
| 22 | TRScore: a 3D RepVGG-based scoring method for ranking protein docking models. Bioinformatics, 2022, 38, 2444-2451. | 1.8 | 6 |
| 23 | An approximation algorithm for lower-bounded k-median with constant factor. Science China Information Sciences, 2022, 65, 1. | 2.7 | 2 |
| 24 | MLDRL: Multi-loss disentangled representation learning for predicting esophageal cancer response to neoadjuvant chemoradiotherapy using longitudinal CT images. Medical Image Analysis, 2022, 79, 102423. | 7.0 | 14 |
| 25 | Chinese clinical named entity recognition via multi-head self-attention based BiLSTM-CRF. Artificial Intelligence in Medicine, 2022, 127, 102282. | 3.8 | 38 |
| 26 | HDContact: a novel predictor of residue-residue contacts on hetero-dimer interfaces via sequential information and transfer learning strategy. Briefings in Bioinformatics, 2022, 23, . | 3.2 | 5 |
| 27 | A Buffer-Based Adaptive Bitrate Approach in Wireless Networks With Iterative Correction. IEEE Wireless Communications Letters, 2022, 11, 1644-1648. | 3.2 | 2 |
| 28 | Achieving Per-Flow Fairness and High Utilization With Limited Priority Queues in Data Center. IEEE/ACM Transactions on Networking, 2022, 30, 2374-2387. | 2.6 | 4 |
| 29 | FGL_Droid: An Efficient Android Malware Detection Method Based on Hybrid Analysis. Security and Communication Networks, 2022, 2022, 1-11. | 1.0 | 6 |
| 30 | High-Rate Constructions of Exact-Repair Regenerating Codes. , 2022, , . | | 0 |
| 31 | Graph Searches and Their End Vertices. Algorithmica, 2022, 84, 2642-2666. | 1.0 | 3 |
| 32 | Copa+: Analysis and Improvement of the Delay-based Congestion Control Algorithm Copa. , 2022, , . | | 4 |
| 33 | Identifying and ranking potential cancer drivers using representation learning on attributed network. Methods, 2021, 192, 13-24. | 1.9 | 11 |
| 34 | Computational drug repositioning based on multi-similarities bilinear matrix factorization. Briefings in Bioinformatics, 2021, 22, . | 3.2 | 49 |
| 35 | NSDroid: efficient multi-classification of android malware using neighborhood signature in local function call graphs. International Journal of Information Security, 2021, 20, 59-71. | 2.3 | 13 |
| 36 | Runtime Performances of Randomized Search Heuristics for the Dynamic Weighted Vertex Cover Problem. Algorithmica, 2021, 83, 906-939. | 1.0 | 5 |

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| 37 | MMHGE: detecting mild cognitive impairment based on multi-atlas multi-view hybrid graph convolutional networks and ensemble learning. Cluster Computing, 2021, 24, 103-113. | 3.5 | 22 |
| 38 | Phase prediction of Ni-base superalloys via high-throughput experiments and machine learning. Materials Research Letters, 2021, 9, 32-40. | 4.1 | 49 |
| 39 | Accurate Respiration Monitoring for Mobile Users With Commercial RFID Devices. IEEE Journal on Selected Areas in Communications, 2021, 39, 513-525. | 9.7 | 34 |
| 40 | Distributed Probabilistic Offloading in Edge Computing for 6G-Enabled Massive Internet of Things. IEEE Internet of Things Journal, 2021, 8, 5298-5308. | 5.5 | 60 |
| 41 | Heterogeneous graph inference with matrix completion for computational drug repositioning. Bioinformatics, 2021, 36, 5456-5464. | 1.8 | 13 |
| 42 | A Secure Scheme Based on One-Way Associated Key Management Model in Wireless Sensor Networks. IEEE Internet of Things Journal, 2021, 8, 2920-2930. | 5.5 | 7 |
| 43 | An Exploit Kits Detection Approach Based on HTTP Message Graph. IEEE Transactions on Information Forensics and Security, 2021, 16, 3387-3400. | 4.5 | 4 |
| 44 | MultiNanopolish: refined grouping method for reducing redundant calculations in Nanopolish. Bioinformatics, 2021, 37, 2757-2760. | 1.8 | 6 |
| 45 | SSRE: Cell Type Detection Based on Sparse Subspace Representation and Similarity Enhancement. Genomics, Proteomics and Bioinformatics, 2021, 19, 282-291. | 3.0 | 21 |
| 46 | An approximation algorithm for k-median with priorities. Science China Information Sciences, 2021, 64, 1. | 2.7 | 6 |
| 47 | A convolutional neural network and graph convolutional network-based method for predicting the classification of anatomical therapeutic chemicals. Bioinformatics, 2021, 37, 2841-2847. | 1.8 | 18 |
| 48 | 3A.004â€¦Internet-based textual big data and road traffic injuries. , 2021, , . | | 0 |
| 49 | AAC: Adaptively Adjusting Concurrency by Exploiting Path Diversity in Datacenter Networks. Journal of Network and Systems Management, 2021, 29, 1. | 3.3 | 2 |
| 50 | Incremental algorithms for the maximum internal spanning tree problem. Science China Information Sciences, 2021, 64, 1. | 2.7 | 1 |
| 51 | Generalized Predictive Control of the Time Window for Energy Efficient Ethernet With Prediction. IEEE Communications Letters, 2021, 25, 1491-1495. | 2.5 | 0 |
| 52 | Prognostication of patients with COVID-19 using artificial intelligence based on chest x-rays and clinical data: a retrospective study. The Lancet Digital Health, 2021, 3, e286-e294. | 5.9 | 87 |
| 53 | NeuralPolish: a novel Nanopore polishing method based on alignment matrix construction and orthogonal Bi-GRU Networks. Bioinformatics, 2021, 37, 3120-3127. | 1.8 | 13 |
| 54 | Mitigating Packet Reordering for Random Packet Spraying in Data Center Networks. IEEE/ACM Transactions on Networking, 2021, 29, 1183-1196. | 2.6 | 22 |

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| 55 | Prediction of Egfr Mutation Status in Lung Adenocarcinoma Using Multi-Source Feature Representations. , 2021, , . | | 6 |
| 56 | A novel graph attention model for predicting frequencies of drugâ€™side effects from multi-view data. Briefings in Bioinformatics, 2021, 22, . | 3.2 | 21 |
| 57 | De Novo Prediction of Drugâ€™Target Interactions Using Laplacian Regularized Schatten p-Norm Minimization. Journal of Computational Biology, 2021, 28, 660-673. | 0.8 | 2 |
| 58 | A Novel Multi-Ensemble Method for Identifying Essential Proteins. Journal of Computational Biology, 2021, 28, 637-649. | 0.8 | 6 |
| 59 | ORP: An Online Rule Placement Scheme to Optimize the Traffic Overhead for Data Center Networks. IEEE Transactions on Network Science and Engineering, 2021, 8, 2183-2197. | 4.1 | 2 |
| 60 | A sensitive repeat identification framework based on short and long reads. Nucleic Acids Research, 2021, 49, e100-e100. | 6.5 | 10 |
| 61 | Modeling and Analysis of Latency Distribution in the 40-100Gbps Dual-Mode Energy Efficient Ethernet. IEEE Transactions on Green Communications and Networking, 2021, 5, 1426-1437. | 3.5 | 0 |
| 62 | Yap Promotes Noncanonical Wnt Signals From Cardiomyocytes for Heart Regeneration. Circulation Research, 2021, 129, 782-797. | 2.0 | 30 |
| 63 | Higher-order Interaction Goes Neural: A Substructure Assembling Graph Attention Network for Graph Classification. IEEE Transactions on Knowledge and Data Engineering, 2021, , 1-1. | 4.0 | 11 |
| 64 | RMC: Reordering Marking and Coding for Fine-Grained Load Balancing in Data Centers. IEEE Transactions on Communications, 2021, 69, 8363-8374. | 4.9 | 4 |
| 65 | OUP accepted manuscript. Briefings in Bioinformatics, 2021, , . | 3.2 | 1 |
| 66 | Mitigating Port Starvation for Shallow-buffered Switches in Datacenter Networks. , 2021, , . | | 3 |
| 67 | GTCP: Hybrid Congestion Control for Cross-Datacenter Networks. , 2021, , . | | 5 |
| 68 | Cutting the Request Completion Time in Key-value Stores with Distributed Adaptive Scheduler. , 2021, , . | | 1 |
| 69 | Genome-wide detection of cytosine methylations in plant from Nanopore data using deep learning. Nature Communications, 2021, 12, 5976. | 5.8 | 47 |
| 70 | Improving circRNAâ€™disease association prediction by sequence and ontology representations with convolutional and recurrent neural networks. Bioinformatics, 2021, 36, 5656-5664. | 1.8 | 21 |
| 71 | Expandable Fractional Repetition Codes for Distributed Storage Systems. , 2021, , . | | 0 |
| 72 | SCOTCluster: Deep Clustering with Optimal Transport for Large-scale Single-cell RNA-seq Data. , 2021, , . | | 0 |

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| 73 | IoT-IE: An Information-Entropy-Based Approach to Traffic Anomaly Detection in Internet of Things. Security and Communication Networks, 2021, 2021, 1-13. | 1.0 | 3 |
| 74 | BEA-SegNet: Body and Edge Aware Network for Medical Image Segmentation. , 2021, , . | | 3 |
| 75 | Identifying virus-receptor interactions through matrix completion with similarity fusion. , 2021, , . | | 1 |
| 76 | MTFIL-Net: automated Alzheimerâ€™s disease detection and MMSE score prediction based on feature interactive learning. , 2021, , . | | 3 |
| 77 | MAIN: Multimodal Attention-based Fusion Networks for Diagnosis Prediction. , 2021, , . | | 2 |
| 78 | GraphIsoFun: a graph neural network based approach for splice isoform function prediction. , 2021, , . | | 0 |
| 79 | ARSC-Net: Adventitious Respiratory Sound Classification Network Using Parallel Paths with Channel-Spatial Attention. , 2021, , . | | 10 |
| 80 | EFCA: An Extended Formal Concept Analysis Method for Aspect Extraction in Healthcare Informatics. , 2021, , . | | 2 |
| 81 | MultiGuideScan: a multi-processing tool for designing CRISPR guide RNA libraries. Bioinformatics, 2020, 36, 920-921. | 1.8 | 8 |
| 82 | Proteinâ€™protein interaction site prediction through combining local and global features with deep neural networks. Bioinformatics, 2020, 36, 1114-1120. | 1.8 | 157 |
| 83 | Deep convolutional neural network for automatically segmenting acute ischemic stroke lesion in multi-modality MRI. Neural Computing and Applications, 2020, 32, 6545-6558. | 3.2 | 53 |
| 84 | LSCDroid: Malware Detection Based on Local Sensitive API Invocation Sequences. IEEE Transactions on Reliability, 2020, 69, 174-187. | 3.5 | 20 |
| 85 | RepAHR: an improved approach for de novo repeat identification by assembly of the high-frequency reads. BMC Bioinformatics, 2020, 21, 463. | 1.2 | 4 |
| 86 | Sensing-HH: A Deep Hybrid Attention Model for Footwear Recognition. Electronics (Switzerland), 2020, 9, 1552. | 1.8 | 0 |
| 87 | Attention convolutional neural network for accurate segmentation and quantification of lesions in ischemic stroke disease. Medical Image Analysis, 2020, 65, 101791. | 7.0 | 63 |
| 88 | Identification of early mild cognitive impairment using multi-modal data and graph convolutional networks. BMC Bioinformatics, 2020, 21, 123. | 1.2 | 17 |
| 89 | Flow-Aware Adaptive Pacing to Mitigate TCP Incast in Data Center Networks. IEEE/ACM Transactions on Networking, 2020, , 1-14. | 2.6 | 8 |
| 90 | Predicting unrecognized enhancer-mediated genome topology by an ensemble machine learning model. Genome Research, 2020, 30, 1835-1845. | 2.4 | 12 |

| # | ARTICLE | IF | CITATIONS |
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| 91 | DeepFrag-k: a fragment-based deep learning approach for protein fold recognition. BMC Bioinformatics, 2020, 21, 203. | 1.2 | 5 |
| 92 | Information Dissemination for the Adaptive Replica Selection algorithm in Key-Value Stores. , 2020, , . | | 0 |
| 93 | ALMAFE: Autism spectrum disorder identification with multi-atlas deep feature representation and ensemble learning. Journal of Neuroscience Methods, 2020, 343, 108840. | 1.3 | 44 |
| 94 | ClusterMine: A knowledge-integrated clustering approach based on expression profiles of gene sets. Journal of Bioinformatics and Computational Biology, 2020, 18, 2040009. | 0.3 | 3 |
| 95 | Accurate human activity recognition with multi-task learning. CCF Transactions on Pervasive Computing and Interaction, 2020, 2, 288-298. | 1.7 | 6 |
| 96 | Pipeline-Based Chunk Scheduling to Improve ABR Performance in DASH System. , 2020, , . | | 3 |
| 97 | Rethinking Fast and Friendly Transport in Data Center Networks. IEEE/ACM Transactions on Networking, 2020, 28, 2364-2377. | 2.6 | 21 |
| 98 | Achieving Fast Convergence and High Efficiency using Differential Explicit Feedback in Data Center. , 2020, , . | | 2 |
| 99 | Dynamic kidney paired exchange using modified multiverse optimization. Evolutionary Intelligence, 2020, , 1. | 2.3 | 0 |
| 100 | An Effective Convolutional Neural Network for Classifying Red Blood Cells in Malaria Diseases. Interdisciplinary Sciences, Computational Life Sciences, 2020, 12, 217-225. | 2.2 | 24 |
| 101 | PESM: predicting the essentiality of miRNAs based on gradient boosting machines and sequences. BMC Bioinformatics, 2020, 21, 111. | 1.2 | 10 |
| 102 | 1D electromagnetic response modeling with arbitrary source-receiver geometry based on vector potential and its implementation in MATLAB. Geophysics, 2020, 85, F27-F38. | 1.4 | 7 |
| 103 | Computational Approaches for Transcriptome Assembly Based on Sequencing Technologies. Current Bioinformatics, 2020, 15, 2-16. | 0.7 | 9 |
| 104 | Single-Cell Clustering Based on Shared Nearest Neighbor and Graph Partitioning. Interdisciplinary Sciences, Computational Life Sciences, 2020, 12, 117-130. | 2.2 | 21 |
| 105 | A novel approach based on deep residual learning to predict drugâ€™s anatomical therapeutic chemical code. , 2020, , . | | 4 |
| 106 | Exploring the dynamics and interplay of human papillomavirus and cervical tumorigenesis by integrating biological data into a mathematical model. BMC Bioinformatics, 2020, 21, 152. | 1.2 | 17 |
| 107 | Multi-task Based Few-Shot Learning for Disease Similarity Measurement. , 2020, , . | | 1 |
| 108 | RPAD: An Unsupervised HTTP Request Parameter Anomaly Detection Method. , 2020, , . | | 2 |

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| 109 | WSAD: An Unsupervised Web Session Anomaly Detection Method. , 2020, , . | | 1 |
| 110 | Sc-GPE: A Graph Partitioning-Based Cluster Ensemble Method for Single-Cell. <i>Frontiers in Genetics</i> , 2020, 11, 604790. | 1.1 | 11 |
| 111 | DAVS: Dynamic-Chunk Quality Aware Adaptive Video Streaming using Apprenticeship Learning. , 2020, , . | | 8 |
| 112 | On the Optimal Minimum Distance of Fractional Repetition Codes. , 2020, , . | | 2 |
| 113 | Joint Learning of Primary and Secondary Labels based on Multi-scale Representation for Alzheimer's Disease Diagnosis. , 2020, , . | | 1 |
| 114 | Achieving High Utilization for Approximate Fair Queueing in Data Center. , 2020, , . | | 6 |
| 115 | BridgeTaint: A Bi-Directional Dynamic Taint Tracking Method for JavaScript Bridges in Android Hybrid Applications. <i>IEEE Transactions on Information Forensics and Security</i> , 2019, 14, 677-692. | 4.5 | 9 |
| 116 | Combining static and dynamic features for real-time moving pedestrian detection. <i>Multimedia Tools and Applications</i> , 2019, 78, 3781-3795. | 2.6 | 19 |
| 117 | Targeting TRPV1 on cellular plasticity regulated by Ovol 2 and Zeb 1 in hepatocellular carcinoma. <i>Biomedicine and Pharmacotherapy</i> , 2019, 118, 109270. | 2.5 | 16 |
| 118 | A novel extended Pareto Optimality Consensus model for predicting essential proteins. <i>Journal of Theoretical Biology</i> , 2019, 480, 141-149. | 0.8 | 9 |
| 119 | Randomized Parameterized Algorithms for the Kidney Exchange Problem. <i>Algorithms</i> , 2019, 12, 50. | 1.2 | 2 |
| 120 | Drug repositioning based on bounded nuclear norm regularization. <i>Bioinformatics</i> , 2019, 35, i455-i463. | 1.8 | 116 |
| 121 | An Efficient Authentication Scheme Based on Deployment Knowledge Against Mobile Sink Replication Attack in UWSNs. <i>IEEE Internet of Things Journal</i> , 2019, 6, 9738-9747. | 5.5 | 4 |
| 122 | PDRCNN: Precise Phishing Detection with Recurrent Convolutional Neural Networks. <i>Security and Communication Networks</i> , 2019, 2019, 1-15. | 1.0 | 50 |
| 123 | DDT. , 2019, , . | | 2 |
| 124 | On Enhancing Network Dynamic Adaptability for Compressive Sensing in WSNs. <i>IEEE Transactions on Communications</i> , 2019, 67, 8450-8459. | 4.9 | 13 |
| 125 | ReActor: Real-time and Accurate Contactless Gesture Recognition with RFID. , 2019, , . | | 18 |
| 126 | A Sequence-Based Novel Approach for Quality Evaluation of Third-Generation Sequencing Reads. <i>Genes</i> , 2019, 10, 44. | 1.0 | 3 |

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|-----|--|-----|-----------|
| 127 | A Novel Core-Attachment-Based Method to Identify Dynamic Protein Complexes Based on Gene Expression Profiles and PPI Networks. <i>Proteomics</i> , 2019, 19, e1800129. | 1.3 | 9 |
| 128 | Task-Aware TCP in Data Center Networks. <i>IEEE/ACM Transactions on Networking</i> , 2019, 27, 389-404. | 2.6 | 20 |
| 129 | A Hybrid Clustering Algorithm for Identifying Cell Types from Single-Cell RNA-Seq Data. <i>Genes</i> , 2019, 10, 98. | 1.0 | 14 |
| 130 | An improved algorithm for the $(n, 3)$ -MaxSAT problem: asking branchings to satisfy the clauses. <i>Journal of Combinatorial Optimization</i> , 2019, , 1. | 0.8 | 1 |
| 131 | Identifying Interactions Between Kinases and Substrates Based on Protein-Protein Interaction Network. <i>Journal of Computational Biology</i> , 2019, 26, 836-845. | 0.8 | 5 |
| 132 | DeepSignal: detecting DNA methylation state from Nanopore sequencing reads using deep-learning. <i>Bioinformatics</i> , 2019, 35, 4586-4595. | 1.8 | 158 |
| 133 | SinNLRR: a robust subspace clustering method for cell type detection by non-negative and low-rank representation. <i>Bioinformatics</i> , 2019, 35, 3642-3650. | 1.8 | 112 |
| 134 | Nothing Blocks Me: Precise and Real-Time LOS/NLOS Path Recognition in RFID Systems. <i>IEEE Internet of Things Journal</i> , 2019, 6, 5814-5824. | 5.5 | 19 |
| 135 | Automatic ICD code assignment of Chinese clinical notes based on multilayer attention BiRNN. <i>Journal of Biomedical Informatics</i> , 2019, 91, 103114. | 2.5 | 47 |
| 136 | Project-driven information talents training mode in opening environment. , 2019, , . | | 1 |
| 137 | de novo repeat detection based on the third generation sequencing reads. , 2019, , . | | 1 |
| 138 | Tentative diagnosis prediction via deep understanding of patient narratives. , 2019, , . | | 3 |
| 139 | Prediction of Microbe-Drug Associations Based on KATZ Measure. , 2019, , . | | 14 |
| 140 | Classification of Schizophrenia by Iterative Random Forest Feature Selection Based on DNA Methylation Array Data. , 2019, , . | | 1 |
| 141 | VDetector: Detecting Vulnerability Based on Inter-Component Data Flows in Android Applications. , 2019, , . | | 0 |
| 142 | Identifying driver genes involving gene dysregulated expression, tissue-specific expression and gene-gene network. <i>BMC Medical Genomics</i> , 2019, 12, 168. | 0.7 | 11 |
| 143 | ILLS: predicting virus-receptor interactions based on similarity and semi-supervised learning. <i>BMC Bioinformatics</i> , 2019, 20, 651. | 1.2 | 8 |
| 144 | Multi-level Glioma Segmentation using 3D U-Net Combined Attention Mechanism with Atrous Convolution. , 2019, , . | | 16 |

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| 145 | An attention-based neural network basecaller for Oxford Nanopore sequencing data. , 2019, , . | | 8 |
| 146 | Drug and disease similarity calculation platform for drug repositioning. , 2019, , . | | 2 |
| 147 | AttentionDTA: prediction of drugâ€™target binding affinity using attention model. , 2019, , . | | 48 |
| 148 | D3GRN: a data driven dynamic network construction method to infer gene regulatory networks. BMC Genomics, 2019, 20, 929. | 1.2 | 6 |
| 149 | AG: Adaptive Switching Granularity for Load Balancing with Asymmetric Topology in Data Center Network. , 2019, , . | | 12 |
| 150 | On the Optimal Reconstruction Degree of Fractional Repetition Codes. , 2019, , . | | 0 |
| 151 | CAPS: Coding-Based Adaptive Packet Spraying to Reduce Flow Completion Time in Data Center. IEEE/ACM Transactions on Networking, 2019, 27, 2338-2353. | 2.6 | 36 |
| 152 | CSA: a web service for the complete process of ChIP-Seq analysis. BMC Bioinformatics, 2019, 20, 515. | 1.2 | 2 |
| 153 | DDIGIP: predicting drug-drug interactions based on Gaussian interaction profile kernels. BMC Bioinformatics, 2019, 20, 538. | 1.2 | 24 |
| 154 | Overlap matrix completion for predicting drug-associated indications. PLoS Computational Biology, 2019, 15, e1007541. | 1.5 | 35 |
| 155 | SCOP: a novel scaffolding algorithm based on contig classification and optimization. Bioinformatics, 2019, 35, 1142-1150. | 1.8 | 13 |
| 156 | Improved PTAS for the constrained k-means problem. Journal of Combinatorial Optimization, 2019, 37, 1091-1110. | 0.8 | 11 |
| 157 | BiXGBoost: a scalable, flexible boosting-based method for reconstructing gene regulatory networks. Bioinformatics, 2019, 35, 1893-1900. | 1.8 | 59 |
| 158 | Control principles for complex biological networks. Briefings in Bioinformatics, 2019, 20, 2253-2266. | 3.2 | 46 |
| 159 | Against Signed Graph Deanonimization Attacks on Social Networks. International Journal of Parallel Programming, 2019, 47, 725-739. | 1.1 | 8 |
| 160 | Adjusting Packet Size to Mitigate TCP Incast in Data Center Networks with COTS Switches. IEEE Transactions on Cloud Computing, 2019, , 1-1. | 3.1 | 23 |
| 161 | Evaluation of Pathway Activation for a Single Sample Toward Inflammatory Bowel Disease Classification. Frontiers in Genetics, 2019, 10, 1401. | 1.1 | 9 |
| 162 | MAC: Merging Assemblies by Using Adjacency Algebraic Model and Classification. Frontiers in Genetics, 2019, 10, 1396. | 1.1 | 10 |

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| 163 | Schizophrenia Identification Using Multi-View Graph Measures of Functional Brain Networks. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 479. | 2.0 | 27 |
| 164 | Resolution and Domination: An Improved Exact MaxSAT Algorithm. , 2019, , . | | 3 |
| 165 | Overlap matrix completion for predicting drug-associated indications. , 2019, 15, e1007541. | | 0 |
| 166 | Overlap matrix completion for predicting drug-associated indications. , 2019, 15, e1007541. | | 0 |
| 167 | Overlap matrix completion for predicting drug-associated indications. , 2019, 15, e1007541. | | 0 |
| 168 | Overlap matrix completion for predicting drug-associated indications. , 2019, 15, e1007541. | | 0 |
| 169 | Resisting re-identification mining on social graph data. <i>World Wide Web</i> , 2018, 21, 1759-1771. | 2.7 | 10 |
| 170 | CytoCtrlAnalyser: a Cytoscape app for biomolecular network controllability analysis. <i>Bioinformatics</i> , 2018, 34, 1428-1430. | 1.8 | 17 |
| 171 | Computational drug repositioning using low-rank matrix approximation and randomized algorithms. <i>Bioinformatics</i> , 2018, 34, 1904-1912. | 1.8 | 183 |
| 172 | MMM: classification of schizophrenia using multi-modality multi-atlas feature representation and multi-kernel learning. <i>Multimedia Tools and Applications</i> , 2018, 77, 29651-29667. | 2.6 | 23 |
| 173 | DyNetViewer: a Cytoscape app for dynamic network construction, analysis and visualization. <i>Bioinformatics</i> , 2018, 34, 1597-1599. | 1.8 | 27 |
| 174 | Prediction of lncRNA-disease associations based on inductive matrix completion. <i>Bioinformatics</i> , 2018, 34, 3357-3364. | 1.8 | 227 |
| 175 | Identifying essential proteins based on sub-network partition and prioritization by integrating subcellular localization information. <i>Journal of Theoretical Biology</i> , 2018, 447, 65-73. | 0.8 | 46 |
| 176 | A $\{M\}$ Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 232 Td (<in Unattended Sensor Networks. <i>IEEE Wireless Communications Letters</i> , 2018, 7, 250-253. | 3.2 | 6 |
| 177 | Disease Inference with Symptom Extraction and Bidirectional Recurrent Neural Network. , 2018, , . | | 7 |
| 178 | BioRank: A Similarity Assessment Method for Single Cell Clustering. , 2018, , . | | 1 |
| 179 | K-mer Counting: memory-efficient strategy, parallel computing and field of application for <i>Bioinformatics</i> . , 2018, , . | | 2 |
| 180 | QDAPS: Queueing Delay Aware Packet Spraying for Load Balancing in Data Center. , 2018, , . | | 10 |

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|-----|---|-----|-----------|
| 181 | An interpretable boosting model to predict side effects of analgesics for osteoarthritis. BMC Systems Biology, 2018, 12, 105. | 3.0 | 35 |
| 182 | Efficient Association Rules Hiding Using Genetic Algorithms. Symmetry, 2018, 10, 576. | 1.1 | 7 |
| 183 | CAPS: Coding-based Adaptive Packet Spraying to Reduce Flow Completion Time in Data Center. , 2018, , . | | 16 |
| 184 | DWNN-RLS: regularized least squares method for predicting circRNA-disease associations. BMC Bioinformatics, 2018, 19, 520. | 1.2 | 68 |
| 185 | The purpose driven privacy preservation for accelerometer-based activity recognition. World Wide Web, 2018, 21, 1773-1785. | 2.7 | 3 |
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