

Bolin Chen

List of Publications by Year in descending order

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Version: 2024-02-01

34
papers

1,285
citations

567281

15
h-index

477307

29
g-index

35
all docs

35
docs citations

35
times ranked

2066
citing authors

#	ARTICLE	IF	CITATIONS
1	A Novel COVID-19-Related Drug Discovery Approach Based on Non-Equidimensional Data Clustering. <i>Frontiers in Pharmacology</i> , 2022, 13, 813391.	3.5	0
2	Identification of Colon Cancer-Related RNAs Based on Heterogeneous Networks and Random Walk. <i>Biology</i> , 2022, 11, 1003.	2.8	0
3	Predicting disease-associated genes: Computational methods, databases, and evaluations. <i>Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery</i> , 2021, 11, e1383.	6.8	4
4	Identifying Disease Related Genes by Network Representation and Convolutional Neural Network. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 629876.	3.7	3
5	A two-way rectification method for identifying differentially expressed genes by maximizing the co-function relationship. <i>BMC Genomics</i> , 2021, 22, 471.	2.8	0
6	Several miRNAs derived from serum extracellular vesicles are potential biomarkers for early diagnosis and progression of Parkinson's disease. <i>Translational Neurodegeneration</i> , 2021, 10, 25.	8.0	37
7	A functional network construction method to interpret the pathological process of colorectal cancer. <i>International Journal of Data Mining and Bioinformatics</i> , 2020, 23, 251.	0.1	2
8	Ensemble disease gene prediction by clinical sample-based networks. <i>BMC Bioinformatics</i> , 2020, 21, 79.	2.6	5
9	Multidocument Arabic Text Summarization Based on Clustering and Word2Vec to Reduce Redundancy. <i>Information (Switzerland)</i> , 2020, 11, 59.	2.9	26
10	Predicting Stage-Specific Recurrent Aberrations From Somatic Copy Number Dataset. <i>Frontiers in Genetics</i> , 2020, 11, 160.	2.3	3
11	Predicting novel CircRNA-disease associations based on random walk and logistic regression model. <i>Computational Biology and Chemistry</i> , 2020, 87, 107287.	2.3	22
12	A Flexible and Comprehensive Platform for Analyzing Gene Expression Data. <i>Communications in Computer and Information Science</i> , 2020, , 170-183.	0.5	0
13	Flexible thermoelectric generators with inkjet-printed bismuth telluride nanowires and liquid metal contacts. <i>Nanoscale</i> , 2019, 11, 5222-5230.	5.6	100
14	Predicting stage-specific cancer related genes and their dynamic modules by integrating multiple datasets. <i>BMC Bioinformatics</i> , 2019, 20, 194.	2.6	4
15	Efficient Solar-to-Thermal Energy Conversion and Storage with High-Thermal-Conductivity and Form-Stabilized Phase Change Composite Based on Wood-Derived Scaffolds. <i>Energies</i> , 2019, 12, 1283.	3.1	13
16	Throughput and Delay Analysis of LWA With Bursty Traffic and Randomized Flow Splitting. <i>IEEE Access</i> , 2019, 7, 24667-24678.	4.2	4
17	A learning-based framework for miRNA-disease association identification using neural networks. <i>Bioinformatics</i> , 2019, 35, 4364-4371.	4.1	142
18	Indexing and Search of Order-Preserving Submatrix for Gene Expression Data. <i>IEEE Access</i> , 2019, 7, 184769-184785.	4.2	2

#	ARTICLE	IF	CITATIONS
19	Resource Optimization for Joint LWA and LTE-U in Load-Coupled and Multi-Cell Networks. IEEE Communications Letters, 2019, 23, 330-333.	4.1	2
20	Hierarchical FeNiP@Ultrathin Carbon Nanoflakes as Alkaline Oxygen Evolution and Acidic Hydrogen Evolution Catalyst for Efficient Water Electrolysis and Organic Decomposition. ACS Applied Materials & Interfaces, 2018, 10, 8739-8748.	8.0	112
21	An online tool for measuring and visualizing phenotype similarities using HPO. BMC Genomics, 2018, 19, 571.	2.8	7
22	Rapid and Label-Free Detection of Interferon Gamma via an Electrochemical Aptasensor Comprising a Ternary Surface Monolayer on a Gold Interdigitated Electrode Array. ACS Sensors, 2017, 2, 210-217.	7.8	71
23	Functionalized carbon nanotube based hybrid electrochemical capacitors using neutral bromide redox-active electrolyte for enhancing energy density. Journal of Power Sources, 2017, 352, 118-126.	7.8	56
24	Inkjet Printing of Single-Crystalline Bi ₂ Te ₃ Thermoelectric Nanowire Networks. Advanced Electronic Materials, 2017, 3, 1600524.	5.1	48
25	Fully Packaged Carbon Nanotube Supercapacitors by Direct Ink Writing on Flexible Substrates. ACS Applied Materials & Interfaces, 2017, 9, 28433-28440.	8.0	161
26	Redox-Active Hydrogel Polymer Electrolytes with Different pH Values for Enhancing the Energy Density of the Hybrid Solid-State Supercapacitor. ACS Applied Materials & Interfaces, 2017, 9, 44429-44440.	8.0	46
27	Coexistence of LTE-LAA and Wi-Fi on 5 GHz With Corresponding Deployment Scenarios: A Survey. IEEE Communications Surveys and Tutorials, 2017, 19, 7-32.	39.4	164
28	Constrained query of order-preserving submatrix in gene expression data. Frontiers of Computer Science, 2016, 10, 1052-1066.	2.4	2
29	Identifying essential proteins based on dynamic protein-protein interaction networks and RNA-Seq datasets. Science China Information Sciences, 2016, 59, 1.	4.3	22
30	Platinum Nanoparticle Decorated SiO ₂ Microfibers as Catalysts for Micro Unmanned Underwater Vehicle Propulsion. ACS Applied Materials & Interfaces, 2016, 8, 30941-30947.	8.0	18
31	Analyzing factors involved in the HPO-based semantic similarity calculation. , 2016, , .		0
32	A two-step logistic regression algorithm for identifying individual-cancer-related genes. , 2015, , .		8
33	High Aspect Ratio Carbon Nanotube Membranes Decorated with Pt Nanoparticle Urchins for Micro Underwater Vehicle Propulsion via H ₂ O ₂ Decomposition. ACS Nano, 2015, 9, 7791-7803.	14.6	51
34	Identifying protein complexes and functional modules—from static PPI networks to dynamic PPI networks. Briefings in Bioinformatics, 2014, 15, 177-194.	6.5	149