Bolin Chen

List of Publications by Year
in descending order

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	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
2	Fully Packaged Carbon Nanotube Supercapacitors by Direct Ink Writing on Flexible Substrates. ACS Applied Materials & Interfaces, 2017, 9, 28433-28440.	8.0	161
3	Identifying protein complexes and functional modules--from static PPI networks to dynamic PPI networks. Briefings in Bioinformatics, 2014, 15, 177-194.	6.5	149
4	A learning-based framework for miRNA-disease association identification using neural networks. Bioinformatics, 2019, 35, 4364-4371.	4.1	142
5	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
6	Flexible thermoelectric generators with inkjet-printed bismuth telluride nanowires and liquid metal contacts. Nanoscale, 2019, 11, 5222-5230.	5.6	100
7	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
8	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
9	High Aspect Ratio Carbon Nanotube Membranes Decorated with Pt Nanoparticle Urchins for Micro Underwater Vehicle Propulsion via H_2O_2 Decomposition. ACS Nano, 2015, 9, 7791-7803.	14.6	51
10	Inkjet Printing of Single‚Crystalline Bi_2Te_3 Thermoelectric Nanowire Networks. Advanced Electronic Materials, 2017, 3, 1600524.	5.1	48
11	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
12	Several miRNAs derived from serum extracellular vesicles are potential biomarkers for early diagnosis and progression of Parkinsonâ€™s disease. Translational Neurodegeneration, 2021, 10, 25.	8.0	37
13	Multidocument Arabic Text Summarization Based on Clustering and Word2Vec to Reduce Redundancy. Information (Switzerland), 2020, 11, 59.	2.9	26
14	Identifying essential proteins based on dynamic protein-protein interaction networks and RNA-Seq datasets. Science China Information Sciences, 2016, 59, 1.	4.3	22
15	Predicting novel CircRNA-disease associations based on random walk and logistic regression model. Computational Biology and Chemistry, 2020, 87, 107287.	2.3	22
16	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
17	Efficient Solar-to-Thermal Energy Conversion and Storage with High-Thermal-Conductivity and Form-Stabilized Phase Change Composite Based on Wood-Derived Scaffolds. Energies, 2019, 12, 1283.	3.1	13
18	A two-step logistic regression algorithm for identifying individual-cancer-related genes. , 2015, , .		8

#	ARTICLE	IF	CITATIONS
19	An online tool for measuring and visualizing phenotype similarities using HPO. BMC Genomics, 2018, 19, 571.	2.8	7
20	Ensemble disease gene prediction by clinical sample-based networks. BMC Bioinformatics, 2020, 21, 79.	2.6	5
21	Predicting stage-specific cancer related genes and their dynamic modules by integrating multiple datasets. BMC Bioinformatics, 2019, 20, 194.	2.6	4
22	Throughput and Delay Analysis of LWA With Bursty Traffic and Randomized Flow Splitting. IEEE Access, 2019, 7, 24667-24678.	4.2	4
23	Predicting disease-associated genes: Computational methods, databases, and evaluations. Wiley Interdisciplinary Reviews: Data Mining and Knowledge Discovery, 2021, 11, e1383.	6.8	4
24	Predicting Stage-Specific Recurrent Aberrations From Somatic Copy Number Dataset. Frontiers in Genetics, 2020, 11, 160.	2.3	3
25	Identifying Disease Related Genes by Network Representation and Convolutional Neural Network. Frontiers in Cell and Developmental Biology, 2021, 9, 629876.	3.7	3
26	Constrained query of order-preserving submatrix in gene expression data. Frontiers of Computer Science, 2016, 10, 1052-1066.	2.4	2
27	Indexing and Search of Order-Preserving Submatrix for Gene Expression Data. IEEE Access, 2019, 7, 184769-184785.	4.2	2
28	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
29	A functional network construction method to interpret the pathological process of colorectal cancer. International Journal of Data Mining and Bioinformatics, 2020, 23, 251.	0.1	2
30	Analyzing factors involved in the HPO-based semantic similarity calculation. , 2016, , .		0
31	A two-way rectification method for identifying differentially expressed genes by maximizing the co-function relationship. BMC Genomics, 2021, 22, 471.	2.8	0
32	A Flexible and Comprehensive Platform for Analyzing Gene Expression Data. Communications in Computer and Information Science, 2020, , 170-183.	0.5	0
33	A Novel COVID-19-Related Drug Discovery Approach Based on Non-Equidimensional Data Clustering. Frontiers in Pharmacology, 2022, 13, 813391.	3.5	0
34	Identification of Colon Cancer-Related RNAs Based on Heterogeneous Networks and Random Walk. Biology, 2022, 11, 1003.	2.8	0