Cankun Wang

List of Publications by Year
in descending order

17 papers	672 citations	840585 11 h-index	839398 18 g-index
25 all docs	25 docs citations	25 times ranked	722 citing authors

#	Article	IF	Citations
1	scGNN is a novel graph neural network framework for single-cell RNA-Seq analyses. Nature Communications, 2021, 12, 1882.	5.8	139
2	LncFinder: an integrated platform for long non-coding RNA identification utilizing sequence intrinsic composition, structural information and physicochemical property. Briefings in Bioinformatics, 2019, 20, 2009-2027.	3.2	98
3	scREAD: A Single-Cell RNA-Seq Database for Alzheimer's Disease. IScience, 2020, 23, 101769.	1.9	77
4	Microglia coordinate cellular interactions during spinal cord repair in mice. Nature Communications, 2022, 13, .	5.8	61
5	Prediction of regulatory motifs from human Chip-sequencing data using a deep learning framework. Nucleic Acids Research, 2019, 47, 7809-7824.	6.5	47
6	QUBIC2: a novel and robust biclustering algorithm for analyses and interpretation of large-scale RNA-Seq data. Bioinformatics, 2020, 36, 1143-1149.	1.8	46
7	CirRNAPL: A web server for the identification of circRNA based on extreme learning machine. Computational and Structural Biotechnology Journal, 2020, 18, 834-842.	1.9	37
8	IRIS3: integrated cell-type-specific regulon inference server from single-cell RNA-Seq. Nucleic Acids Research, 2020, 48, W275-W286.	6.5	35
9	Using Machine Learning to Measure Relatedness Between Genes: A Multi-Features Model. Scientific Reports, 2019, 9, 4192.	1.6	27
10	IRIS-EDA: An integrated RNA-Seq interpretation system for gene expression data analysis. PLoS Computational Biology, 2019, 15, e1006792.	1.5	27
11	A New Machine Learning-Based Framework for Mapping Uncertainty Analysis in RNA-Seq Read Alignment and Gene Expression Estimation. Frontiers in Genetics, 2018, 9, 313.	1.1	20
12	Water Deficit Transcriptomic Responses Differ in the Invasive Tamarix chinensis and T. ramosissima Established in the Southern and Northern United States. Plants, 2020, 9, 86.	1.6	10
13	Improved Draft Genome Sequence of Pseudomonas poae A2-S9, a Strain with Plant Growth-Promoting Activity. Microbiology Resource Announcements, 2019, 8, .	0.3	5
14	De novo Prediction of Moonlighting Proteins Using Multimodal Deep Ensemble Learning. Frontiers in Genetics, 2021, 12, 630379.	1.1	4
15	Use of scREAD to explore and analyze single-cell and single-nucleus RNA-seq data for Alzheimer's disease. STAR Protocols, 2021, 2, 100513.	0.5	3
16	Improved Draft Genome Sequence of <i>Bacillus</i> sp. Strain YF23, Which Has Plant Growth-Promoting Activity. Microbiology Resource Announcements, 2019, 8, .	0.3	1
17	Abstract 4409: Towards cell-type-specific gene regulation in heterogeneous cancer cells. Cancer Research, 2020, 80, 4409-4409.	0.4	1