

Yaqun Wang

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

286
citations

1163117

8
h-index

940533

16
g-index

25
all docs

25
docs citations

25
times ranked

413
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential Gene Expression in Tamoxifen-Resistant Breast Cancer Cells Revealed by a New Analytical Model of RNA-Seq Data. <i>PLoS ONE</i> , 2012, 7, e41333.	2.5	53
2	How to cluster gene expression dynamics in response to environmental signals. <i>Briefings in Bioinformatics</i> , 2012, 13, 162-174.	6.5	50
3	Reconstructing regulatory networks from the dynamic plasticity of gene expression by mutual information. <i>Nucleic Acids Research</i> , 2013, 41, e97-e97.	14.5	37
4	A Phase 2 Randomized Pilot Study Comparing High-Dose-Rate Brachytherapy and Low-Dose-Rate Brachytherapy as Monotherapy in Localized Prostate Cancer. <i>Advances in Radiation Oncology</i> , 2019, 4, 631-640.	1.2	21
5	An omnidirectional visualization model of personalized gene regulatory networks. <i>Npj Systems Biology and Applications</i> , 2019, 5, 38.	3.0	20
6	Functional mapping of N deficiency-induced response in wheat yield component traits by implementing high-throughput phenotyping. <i>Plant Journal</i> , 2019, 97, 1105-1119.	5.7	18
7	A Model Framework for Identifying Genes that Guide the Evolution of Heterochrony. <i>Molecular Biology and Evolution</i> , 2014, 31, 2238-2247.	8.9	17
8	Towards a comprehensive picture of the genetic landscape of complex traits. <i>Briefings in Bioinformatics</i> , 2014, 15, 30-42.	6.5	9
9	Identification of a GrgA-Euo-HrcA Transcriptional Regulatory Network in Chlamydia. <i>MSystems</i> , 2021, 6, e0073821.	3.8	9
10	Delivering systems pharmacogenomics towards precision medicine through mathematics. <i>Advanced Drug Delivery Reviews</i> , 2013, 65, 905-911.	13.7	8
11	How to compute which genes control drug resistance dynamics. <i>Drug Discovery Today</i> , 2011, 16, 339-344.	6.4	6
12	Dynamic Modeling of Genes Controlling Cancer Stem Cell Proliferation. <i>Frontiers in Genetics</i> , 2012, 3, 84.	2.3	6
13	A quantitative model of transcriptional differentiation driving host-pathogen interactions. <i>Briefings in Bioinformatics</i> , 2013, 14, 713-723.	6.5	6
14	A bi-Poisson model for clustering gene expression profiles by RNA-seq. <i>Briefings in Bioinformatics</i> , 2014, 15, 534-541.	6.5	6
15	A multi-Poisson dynamic mixture model to cluster developmental patterns of gene expression by RNA-seq. <i>Briefings in Bioinformatics</i> , 2015, 16, 205-215.	6.5	6
16	Systems mapping of genes controlling chemotherapeutic drug efficiency for cancer stem cells. <i>Drug Discovery Today</i> , 2014, 19, 1125-1130.	6.4	4
17	Hyperacute Monocyte Gene Response Patterns Are Associated With Lower Extremity Vein Bypass Graft Failure. <i>Circulation Genomic and Precision Medicine</i> , 2018, 11, e001970.	3.6	4
18	Systems mapping of HIV-1 infection. <i>BMC Genetics</i> , 2012, 13, 91.	2.7	1

#	ARTICLE	IF	CITATIONS
19	Applications and extensions of epigenetic game theory. <i>Physics of Life Reviews</i> , 2017, 20, 153-154.	2.8	1
20	Comparing the Incidence of Buccal Mucosa Cancer in South Asian, White, and Black Populations Residing in the United States: A Cross-Sectional Analysis. <i>Asian Pacific Journal of Cancer Prevention</i> , 2021, 22, 195-199.	1.2	1
21	Inference of Gene Regulatory Network Through Adaptive Dynamic Bayesian Network Modeling. <i>ICSA Book Series in Statistics</i> , 2019, , 91-113.	0.2	1
22	A Computational Algorithm for Functional Clustering of Proteome Dynamics During Development. <i>Current Genomics</i> , 2014, 15, 237-243.	1.6	1
23	Modeling Expression Plasticity of Genes that Differentiate Drug-sensitive from Drug-resistant Cells to Chemotherapeutic Treatment. <i>Current Genomics</i> , 2014, 15, 349-356.	1.6	1