Guanming Wu

List of Publications by Year
in descending order

44 papers	16,717 citations	186265 28 h-index	276875 41 g-index
46 all docs	46 docs citations	46 times ranked	30637 citing authors

#	Article	IF	Citations
1	The Reactome pathway Knowledgebase. Nucleic Acids Research, 2016, 44, D481-D487.	14.5	3,319
2	The Reactome Pathway Knowledgebase. Nucleic Acids Research, 2018, 46, D649-D655.	14.5	2,388
3	Twelve type 2 diabetes susceptibility loci identified through large-scale association analysis. Nature Genetics, 2010, 42, 579-589.	21.4	1,631
4	The reactome pathway knowledgebase. Nucleic Acids Research, 2020, 48, D498-D503.	14.5	1,570
5	The Reactome pathway knowledgebase. Nucleic Acids Research, 2014, 42, D472-D477.	14.5	1,448
6	The reactome pathway knowledgebase 2022. Nucleic Acids Research, 2022, 50, D687-D692.	14.5	924
7	The Systems Biology Graphical Notation. Nature Biotechnology, 2009, 27, 735-741.	17.5	828
8	The BioPAX community standard for pathway data sharing. Nature Biotechnology, 2010, 28, 935-942.	17.5	613
9	A human functional protein interaction network and its application to cancer data analysis. Genome Biology, 2010, 11, R53.	9.6	591
10	Reactome: a knowledge base of biologic pathways and processes. Genome Biology, 2007, 8, R39.	9.6	539
11	Identification of a Therapeutic Strategy Targeting Amplified FGF19 in Liver Cancer by Oncogenomic Screening. Cancer Cell, 2011, 19, 347-358.	16.8	379
12	Pathway and network analysis of cancer genomes. Nature Methods, 2015, 12, 615-621.	19.0	297
13	PSICQUIC and PSISCORE: accessing and scoring molecular interactions. Nature Methods, 2011, 8, 528-529.	19.0	274
14	Annotating Cancer Variants and Anti-Cancer Therapeutics in Reactome. Cancers, 2012, 4, 1180-1211.	3.7	270
15	Reactome graph database: Efficient access to complex pathway data. PLoS Computational Biology, 2018, 14, e1005968.	3.2	202
16	A Viral microRNA Down-Regulates Multiple Cell Cycle Genes through mRNA 5â€²UTRs. PLoS Pathogens, 2010, 6, e1000967.	4.7	191
17	Gramene 2013: comparative plant genomics resources. Nucleic Acids Research, 2014, 42, D1193-D1199.	14.5	163
18	ReactomeFIViz: a Cytoscape app for pathway and network-based data analysis. F1000Research, 2014, 3, 146.	1.6	155

#	Article	IF	Citations
19	A network module-based method for identifying cancer prognostic signatures. Genome Biology, 2012, 13, R112.	9.6	141
20	ReactomeFIViz: the Reactome FI Cytoscape app for pathway and network-based data analysis. F1000Research, 2014, 3, 146.	1.6	129
21	Leveraging Cross-Species Transcription Factor Binding Site Patterns: From Diabetes Risk Loci to Disease Mechanisms. Cell, 2014, 156, 343-358.	28.9	113
22	Two distinct myosin light chain structures are induced by specific variations within the bound IQ motifs--functional implications. EMBO Journal, 2003, 22, 362-371.	7.8	71
23	Manic Fringe Promotes a Claudin-Low Breast Cancer Phenotype through Notch-Mediated PIK3CG Induction. Cancer Research, 2015, 75, 1936-1943.	0.9	64
24	COVID19 Disease Map, a computational knowledge repository of virus–host interaction mechanisms. Molecular Systems Biology, 2021, 17, e10387.	7.2	53
25	Arabidopsis Reactome: A Foundation Knowledgebase for Plant Systems Biology. Plant Cell, 2008, 20, 1426-1436.	6.6	52
26	Systematic MicroRNA Analysis Identifies ATP6V0C as an Essential Host Factor for Human Cytomegalovirus Replication. PLoS Pathogens, 2013, 9, e1003820.	4.7	44
27	Myosin V attachment to cargo requires the tight association of two functional subdomains. Journal of Cell Biology, 2005, 168, 359-364.	5.2	37
28	Reactome from a WikiPathways Perspective. PLoS Computational Biology, 2016, 12, e1004941.	3.2	35
29	Tumor-Suppressive Activity of Lunatic Fringe in Prostate through Differential Modulation of Notch Receptor Activation. Neoplasia, 2014, 16, 158-167.	5.3	34
30	Network-Based Predictors of Progression in Head and Neck Squamous Cell Carcinoma. Frontiers in Genetics, 2018, 9, 183.	2.3	34
31	Evidence-Based Precision Oncology with the Cancer Targetome. Trends in Pharmacological Sciences, 2017, 38, 1085-1099.	8.7	25
32	Visualization of drug target interactions in the contexts of pathways and networks with ReactomeFIViz. F1000Research, 2019, 8, 908.	1.6	20
33	Acute myeloid leukemia–induced T-cell suppression can be reversed by inhibition of the MAPK pathway. Blood Advances, 2019, 3, 3038-3051.	5.2	14
34	Reactome and ORCID–fine-grained credit attribution for community curation. Database: the Journal of Biological Databases and Curation, 2019, 2019, .	3.0	12
35	A controlled vocabulary for pathway entities and events. Database: the Journal of Biological Databases and Curation, 2014, 2014, bau060-bau060.	3.0	11
36	Perform Pathway Enrichment Analysis Using ReactomeFIViz. Methods in Molecular Biology, 2020, 2074, 165-179.	0.9	10

#	ARTICLE	IF	CITATIONS
37	CIDO ontology updates and secondary analysis of host responses to COVID-19 infection based on ImmPort reports and literature. Journal of Biomedical Semantics, 2021, 12, 18.	1.6	9
38	VaximmutorDB: A Web-Based Vaccine Immune Factor Database and Its Application for Understanding Vaccine-Induced Immune Mechanisms. Frontiers in Immunology, 2021, 12, 639491.	4.8	6
39	Using Reactome to build an autophagy mechanism knowledgebase. Autophagy, 2021, 17, 1543-1554.	9.1	5
40	Automation of ReactomeFIViz via CyREST API. F1000Research, 2018, 7, 531.	1.6	1
41	Leveraging biochemical reactions to unravel functional impacts of cancer somatic variants affecting protein interaction interfaces. F1000Research, 0, 10, 1111.	1.6	1
42	Reactome: An integrated expert model of human molecular processes and access toolkit. Journal of Integrative Bioinformatics, 2007, 4, 286-296.	1.5	0
43	Between Pathways and Networks Lies Context: Implications for Precision Medicine. Science Progress, 2015, 98, 253-263.	1.9	0
44	Automation of ReactomeFIViz via CyREST API. F1000Research, 2018, 7, 531.	1.6	0