

# Jianying Gu

## List of Publications by Year in descending order

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Version: 2024-02-01

30  
papers

899  
citations

687363

13  
h-index

580821

25  
g-index

31  
all docs

31  
docs citations

31  
times ranked

1403  
citing authors

#	ARTICLE	IF	CITATIONS
1	Editorial: Evolutionary Mechanisms of Infectious Diseases. <i>Frontiers in Microbiology</i> , 2021, 12, 667561.	3.5	4
2	Just-in-time expression of influential genes in the cellular networks of the malaria parasite <i>Plasmodium falciparum</i> during the red blood cycle. , 2016, , .		0
3	Heavy path mining of protein-protein associations in the malaria parasite. <i>Methods</i> , 2015, 83, 63-70.	3.8	1
4	Exploring systems affected by the heat shock response in <i>Plasmodium falciparum</i> via protein association networks. <i>International Journal of Computational Biology and Drug Design</i> , 2014, 7, 369.	0.3	5
5	Network analysis reveals complex interactions in heat shock response in the malaria parasite. , 2013, , .		0
6	Comparative Genomics and Systems Biology of Malaria Parasites <i>Plasmodium</i> . <i>Current Bioinformatics</i> , 2012, 7, 478-489.	1.5	8
7	Prediction of novel systems components in cell cycle regulation in malaria parasite by subnetwork alignments. , 2012, , .		0
8	Module-based subnetwork alignments reveal novel transcriptional regulators in malaria parasite <i>Plasmodium falciparum</i> . <i>BMC Systems Biology</i> , 2012, 6, S5.	3.0	11
9	Genome plasticity and systems evolution in <i>Streptomyces</i> . <i>BMC Bioinformatics</i> , 2012, 13, S8.	2.6	61
10	Comparative genomics of the pathogenic ciliate <i>Ichthyophthirius multifiliis</i> , its free-living relatives and a host species provide insights into adoption of a parasitic lifestyle and prospects for disease control. <i>Genome Biology</i> , 2011, 12, R100.	9.6	102
11	Proteases in Malaria Parasites - A Phylogenomic Perspective. <i>Current Genomics</i> , 2011, 12, 417-427.	1.6	18
12	The -omics Era- Toward a Systems-Level Understanding of <i>Streptomyces</i> . <i>Current Genomics</i> , 2011, 12, 404-416.	1.6	24
13	Comparative genomics of the family <i>Vibrionaceae</i> reveals the wide distribution of genes encoding virulence-associated proteins. <i>BMC Genomics</i> , 2010, 11, 369.	2.8	14
14	Core genome components and lineage specific expansions in malaria parasites <i>Plasmodium</i> . <i>BMC Genomics</i> , 2010, 11, S13.	2.8	8
15	The Core and Pan-Genome of the <i>Vibrionaceae</i> . , 2009, , .		1
16	Genome Evolution in Malaria Parasites: I. Core Genome Components. , 2009, , .		0
17	Putative Cell Cycle Related Genes in <i>Plasmodium Falciparum</i> . , 2009, , .		0
18	A Comparative Genomics, Network-Based Approach to Understanding Virulence in <i>Vibrio cholerae</i> . <i>Journal of Bacteriology</i> , 2009, 191, 6262-6272.	2.2	10

#	ARTICLE	IF	CITATIONS
19	Genomic and systems evolution in Vibrionaceae species. BMC Genomics, 2009, 10, S11.	2.8	15
20	Improved prediction of malaria degradomes by supervised learning with SVM and profile kernel. Genetica, 2009, 136, 189-209.	1.1	31
21	Genome evolution and functional divergence in Yersinia. Journal of Experimental Zoology Part B: Molecular and Developmental Evolution, 2007, 308B, 37-49.	1.3	9
22	Evolutionary Analysis for Functional Divergence of the Toll-Like Receptor Gene Family and Altered Functional Constraints. Journal of Molecular Evolution, 2007, 65, 119-123.	1.8	43
23	Are GC-rich isochores vanishing in mammals?. Gene, 2006, 385, 50-56.	2.2	22
24	Predicting Type-I (Rate-Shift) Functional Divergence of Protein Sequences and Applications in Functional Genomics. Current Genomics, 2006, 7, 87-96.	1.6	2
25	How much expression divergence after yeast gene duplication could be explained by regulatory motif evolution?. Trends in Genetics, 2004, 20, 403-407.	6.7	77
26	Further statistical analysis for genome-wide expression evolution in primate brain/liver/fibroblast tissue. Human Genomics, 2004, 1, 247.	2.9	6
27	Induced gene expression in human brain after the split from chimpanzee. Trends in Genetics, 2003, 19, 63-65.	6.7	123
28	Natural history and functional divergence of protein tyrosine kinases. Gene, 2003, 317, 49-57.	2.2	40
29	Evolutionary Analysis for Functional Divergence of Jak Protein Kinase Domains and Tissue-Specific Genes. Journal of Molecular Evolution, 2002, 54, 725-733.	1.8	35
30	Age distribution of human gene families shows significant roles of both large- and small-scale duplications in vertebrate evolution. Nature Genetics, 2002, 31, 205-209.	21.4	228