

John Wang

List of Publications by Year in descending order

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Version: 2024-02-01

36
papers

23,911
citations

279487

23
h-index

360668

35
g-index

40
all docs

40
docs citations

40
times ranked

26869
citing authors

#	ARTICLE	IF	CITATIONS
1	phiC31 integrase for recombination-mediated single-copy insertion and genome manipulation in <i>Caenorhabditis elegans</i> . <i>Genetics</i> , 2022, 220, .	1.2	7
2	Transcriptome profiling reveals the developmental regulation of NaCl-treated <i>Forcipomyia taiwana</i> eggs. <i>BMC Genomics</i> , 2021, 22, 792.	1.2	2
3	The fire ant social supergene is characterized by extensive gene and transposable element copy number variation. <i>Molecular Ecology</i> , 2020, 29, 105-120.	2.0	12
4	Mutagenesis mediated by CRISPR/Cas9 in the red imported fire ant, <i>Solenopsis invicta</i> . <i>Insectes Sociaux</i> , 2020, 67, 317-326.	0.7	13
5	Population Genetic and Social Structure Survey of in Thailand. <i>Zoological Studies</i> , 2020, 59, e22.	0.3	0
6	Selection and gene flow shape niche-associated variation in pheromone response. <i>Nature Ecology and Evolution</i> , 2019, 3, 1455-1463.	3.4	41
7	Has gene expression neofunctionalization in the fire ant antennae contributed to queen discrimination behavior?. <i>Ecology and Evolution</i> , 2019, 9, 12754-12766.	0.8	6
8	Rapid Expansion of a Highly Germline-Expressed <i>Mariner</i> Element Acquired by Horizontal Transfer in the Fire Ant Genome. <i>Genome Biology and Evolution</i> , 2018, 10, 3262-3278.	1.1	6
9	Towards reconstructing the ancestral brain gene-network regulating caste differentiation in ants. <i>Nature Ecology and Evolution</i> , 2018, 2, 1782-1791.	3.4	40
10	Multiple large inversions and breakpoint rewiring of gene expression in the evolution of the fire ant social supergene. <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2018, 285, 20180221.	1.2	30
11	Biology and genome of a newly discovered sibling species of <i>Caenorhabditis elegans</i> . <i>Nature Communications</i> , 2018, 9, 3216.	5.8	102
12	Non-Mendelian assortment of homologous autosomes of different sizes in males is the ancestral state in the <i>Caenorhabditis</i> lineage. <i>Scientific Reports</i> , 2017, 7, 12819.	1.6	13
13	Evolution of long centromeres in fire ants. <i>BMC Evolutionary Biology</i> , 2016, 16, 189.	3.2	26
14	The complete mitochondrial genome of <i>Histiostoma blomquisti</i> (Acari: Histiostomatidae). <i>Mitochondrial DNA Part B: Resources</i> , 2016, 1, 671-673.	0.2	18
15	The Genetic Basis of Natural Variation in <i>Caenorhabditis elegans</i> Telomere Length. <i>Genetics</i> , 2016, 204, 371-383.	1.2	117
16	Did the fire ant supergene evolve selfishly or socially?. <i>BioEssays</i> , 2014, 36, 200-208.	1.2	31
17	Effects of ploidy and sex-locus genotype on gene expression patterns in the fire ant <i>Solenopsis invicta</i> . <i>Proceedings of the Royal Society B: Biological Sciences</i> , 2014, 281, 20141776.	1.2	18
18	A Y-like social chromosome causes alternative colony organization in fire ants. <i>Nature</i> , 2013, 493, 664-668.	13.7	347

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19	A simple genetic basis for complex social behaviour mediates widespread gene expression differences. <i>Molecular Ecology</i> , 2013, 22, 3797-3813.	2.0	21
20	Midlife gene expressions identify modulators of aging through dietary interventions. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, E1201-9.	3.3	57
21	A cryptic heterogametic transition revealed by sex-linked DNA markers in Palearctic green toads. <i>Journal of Evolutionary Biology</i> , 2011, 24, 1064-1070.	0.8	27
22	Deep small RNA sequencing from the nematode <i>Ascaris</i> reveals conservation, functional diversification, and novel developmental profiles. <i>Genome Research</i> , 2011, 21, 1462-1477.	2.4	158
23	The genome of the fire ant <i>Solenopsis invicta</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 5679-5684.	3.3	322
24	Changes in reproductive roles are associated with changes in gene expression in fire ant queens. <i>Molecular Ecology</i> , 2010, 19, 1200-1211.	2.0	35
25	Chromosome Size Differences May Affect Meiosis and Genome Size. <i>Science</i> , 2010, 329, 293-293.	6.0	35
26	Fourmidable: a database for ant genomics. <i>BMC Genomics</i> , 2009, 10, 5.	1.2	38
27	Genome-Wide Expression Patterns and the Genetic Architecture of a Fundamental Social Trait. <i>PLoS Genetics</i> , 2008, 4, e1000127.	1.5	64
28	Mapping the <i>C. elegans</i> noncoding transcriptome with a whole-genome tiling microarray. <i>Genome Research</i> , 2007, 17, 1471-1477.	2.4	53
29	An annotated cDNA library and microarray for large-scale gene-expression studies in the ant <i>Solenopsis invicta</i> . <i>Genome Biology</i> , 2007, 8, R9.	13.9	47
30	Behavioral Genomics: A, Bee, C, G, T. <i>Current Biology</i> , 2007, 17, R51-R53.	1.8	5
31	Global analysis of dauer gene expression in <i>Caenorhabditis elegans</i> . <i>Development (Cambridge)</i> , 2003, 130, 1621-1634.	1.2	280
32	Downstream Targets of let-60 Ras in <i>Caenorhabditis elegans</i> . <i>Developmental Biology</i> , 2002, 247, 127-136.	0.9	25
33	Transcriptional Profile of Aging in <i>C. elegans</i> . <i>Current Biology</i> , 2002, 12, 1566-1573.	1.8	258
34	Initial sequencing and analysis of the human genome. <i>Nature</i> , 2001, 409, 860-921.	13.7	21,074
35	A Global Profile of Germline Gene Expression in <i>C. elegans</i> . <i>Molecular Cell</i> , 2000, 6, 605-616.	4.5	567
36	Analysis of a gene that suppresses the morphological defect of bald mutants of <i>Streptomyces griseus</i> . <i>Journal of Bacteriology</i> , 1996, 178, 2867-2875.	1.0	11