

Sonja Grath

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8914784/publications.pdf>

Version: 2024-02-01

21
papers

947
citations

687363

13
h-index

713466

21
g-index

26
all docs

26
docs citations

26
times ranked

1851
citing authors

#	ARTICLE	IF	CITATIONS
1	Sex-Biased Gene Expression. Annual Review of Genetics, 2016, 50, 29-44.	7.6	170
2	Genomic and Morphological Evidence Converge to Resolve the Enigma of Strepsiptera. Current Biology, 2012, 22, 1309-1313.	3.9	140
3	Genomic Analysis of European <i>Drosophila melanogaster</i> Populations Reveals Longitudinal Structure, Continent-Wide Selection, and Previously Unknown DNA Viruses. Molecular Biology and Evolution, 2020, 37, 2661-2678.	8.9	104
4	Signatures of DNA Methylation across Insects Suggest Reduced DNA Methylation Levels in Holometabola. Genome Biology and Evolution, 2018, 10, 1185-1197.	2.5	100
5	Dynamics and Adaptive Benefits of Protein Domain Emergence and Arrangements during Plant Genome Evolution. Genome Biology and Evolution, 2012, 4, 316-329.	2.5	66
6	Rate of Amino Acid Substitution Is Influenced by the Degree and Conservation of Male-Biased Transcription Over 50 Myr of <i>Drosophila</i> Evolution. Genome Biology and Evolution, 2012, 4, 346-359.	2.5	51
7	Rapid similarity search of proteins using alignments of domain arrangements. Bioinformatics, 2014, 30, 274-281.	4.1	37
8	<i>Drosophila</i> Evolution over Space and Time (DEST): A New Population Genomics Resource. Molecular Biology and Evolution, 2021, 38, 5782-5805.	8.9	37
9	Direct modulation of the bone marrow mesenchymal stromal cell compartment by azacitidine enhances healthy hematopoiesis. Blood Advances, 2018, 2, 3447-3461.	5.2	31
10	Quantification and functional analysis of modular protein evolution in a dense phylogenetic tree. Biochimica Et Biophysica Acta - Proteins and Proteomics, 2013, 1834, 898-907.	2.3	29
11	Transcriptome Analysis Reveals Candidate Genes for Cold Tolerance in <i>Drosophila ananassae</i> . Genes, 2018, 9, 624.	2.4	28
12	The discovery, distribution, and diversity of DNA viruses associated with <i>Drosophila melanogaster</i> in Europe. Virus Evolution, 2021, 7, veab031.	4.9	25
13	Evolution of mating isolation between populations of <i>Drosophila ananassae</i> . Molecular Ecology, 2008, 17, 2706-2721.	3.9	24
14	Molecular evolution of sex-biased genes in the <i>Drosophila ananassae</i> subgroup. BMC Evolutionary Biology, 2009, 9, 291.	3.2	21
15	Sawfly Genomes Reveal Evolutionary Acquisitions That Fostered the Mega-Radiation of Parasitoid and Eusocial Hymenoptera. Genome Biology and Evolution, 2020, 12, 1099-1188.	2.5	17
16	Azacitidine combined with the selective FLT3 kinase inhibitor crenolanib disrupts stromal protection and inhibits expansion of residual leukemia-initiating cells in <i>FLT3</i> -ITD AML with concurrent epigenetic mutations. Oncotarget, 2017, 8, 108738-108759.	1.8	14
17	Inter- and Intraspecific Variation in <i>Drosophila</i> Genes with Sex-Biased Expression. International Journal of Evolutionary Biology, 2012, 2012, 1-10.	1.0	13
18	Three Quantitative Trait Loci Explain More than 60% of Variation for Chill Coma Recovery Time in a Natural Population of <i>Drosophila ananassae</i> . G3: Genes, Genomes, Genetics, 2019, 9, 3715-3725.	1.8	5

#	ARTICLE	IF	CITATIONS
19	Natural variation in the transcriptional response of <i>Drosophila melanogaster</i> to oxidative stress. <i>G3: Genes, Genomes, Genetics</i> , 2022, 12, .	1.8	5
20	Introducing evolutionary biologists to the analysis of big data: guidelines to organize extended bioinformatics training courses. <i>Evolution: Education and Outreach</i> , 2018, 11, .	0.8	3
21	Genomic and Morphological Evidence Converge to Resolve the Enigma of Strepsiptera. <i>Current Biology</i> , 2013, 23, 1388.	3.9	1