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List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

892
citations

623734

14
h-index

677142

22
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28
all docs

28
docs citations

28
times ranked

1337
citing authors

#	ARTICLE	IF	CITATIONS
1	Next-generation gene drive for population modification of the malaria vector mosquito, <i>Anopheles gambiae</i> . Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 22805-22814.	7.1	157
2	Development of a confinable gene drive system in the human disease vector <i>Aedes aegypti</i> . ELife, 2020, 9, .	6.0	156
3	Genome-wide adaptive complexes to underground stresses in blind mole rats <i>Spalax</i> . Nature Communications, 2014, 5, 3966.	12.8	124
4	An Annotated Draft Genome for <i>Radix auricularia</i> (Gastropoda, Mollusca). Genome Biology and Evolution, 2017, 9, 585-592.	2.5	57
5	The genomic footprint of climate adaptation in <i>Chironomus riparius</i> . Molecular Ecology, 2018, 27, 1439-1456.	3.9	54
6	Genome-wide divergence among invasive populations of <i>Aedes aegypti</i> in California. BMC Genomics, 2019, 20, 204.	2.8	44
7	Hypoxia tolerance, longevity and cancer-resistance in the mole rat <i>Spalax</i> – a liver transcriptomics approach. Scientific Reports, 2017, 7, 14348.	3.3	38
8	Phylogeny of Syndermata (syn. Rotifera): Mitochondrial gene order verifies epizoic Seisonidea as sister to endoparasitic Acanthocephala within monophyletic Hemirofifera. Molecular Phylogenetics and Evolution, 2016, 96, 79-92.	2.7	35
9	Abundance of conserved CRISPR-Cas9 target sites within the highly polymorphic genomes of <i>Anopheles</i> and <i>Aedes</i> mosquitoes. Nature Communications, 2020, 11, 1425.	12.8	28
10	Genomic basis of ecological niche divergence among cryptic sister species of non-biting midges. BMC Genomics, 2013, 14, 384.	2.8	25
11	The fate of genes that cross species boundaries after a major hybridization event in a natural mosquito population. Molecular Ecology, 2018, 27, 4978-4990.	3.9	23
12	A High-Quality Genome Assembly from Short and Long Reads for the Non-biting Midge <i>Chironomus riparius</i> (Diptera). G3: Genes, Genomes, Genetics, 2020, 10, 1151-1157.	1.8	22
13	Evaluating the Hypoxia Response of Ruffe and Flounder Gills by a Combined Proteome and Transcriptome Approach. PLoS ONE, 2015, 10, e0135911.	2.5	21
14	Molecular evolution of antioxidant and hypoxia response in long-lived, cancer-resistant blind mole rats: The Nrf2/Keap1 pathway. Gene, 2016, 577, 293-298.	2.2	20
15	De novo Transcriptome Assembly and Comparison of C3, C3-C4, and C4 Species of Tribe Salsoleae (Chenopodiaceae). Frontiers in Plant Science, 2017, 8, 1939.	3.6	19
16	<i>Chironomus riparius</i> (Diptera) genome sequencing reveals the impact of minisatellite transposable elements on population divergence. Molecular Ecology, 2017, 26, 3256-3275.	3.9	15
17	Transcontinental dispersal of <i>Anopheles gambiae</i> occurred from West African origin via serial founder events. Communications Biology, 2019, 2, 473.	4.4	13
18	Hybrid Genome Assembly of a Neotropical Mutualistic Ant. Genome Biology and Evolution, 2019, 11, 2306-2311.	2.5	11

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19	AFS: identification and quantification of species composition by metagenomic sequencing. <i>Bioinformatics</i> , 2017, 33, 1396-1398.	4.1	10
20	Complete mitogenome sequence of <i>Aedes (Stegomyia) aegypti</i> derived from field isolates from California and South Africa. <i>Mitochondrial DNA Part B: Resources</i> , 2018, 3, 994-995.	0.4	7
21	Genomics and transcriptomics of epizoic <i>Seisonidea</i> (Rotifera, syn. Syndermata) reveal strain formation and gradual gene loss with growing ties to the host. <i>BMC Genomics</i> , 2021, 22, 604.	2.8	6
22	Host-dependent impairment of parasite development and reproduction in the acanthocephalan model. <i>Cell and Bioscience</i> , 2022, 12, .	4.8	3
23	The Population Genomics of <i>Anopheles gambiae</i> Species Complex: Progress and Prospects. <i>Population Genomics</i> , 2021, , 1.	0.5	0