Jack Hearn

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8788428/publications.pdf

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18	325	1163117 8	940533 16
papers	citations	h-index	g-index

18	18	18	290
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	RNAseq-based gene expression profiling of the Anopheles funestus pyrethroid-resistant strain FUMOZ highlights the predominant role of the duplicated CYP6P9a/b cytochrome P450s. G3: Genes, Genomes, Genetics, 2022, 12, .	1.8	10
2	Identification of Parachlamydiaceae DNA in nasal and rectal passages of healthy dairy cattle. Journal of Applied Microbiology, 2022, 132, 2642-2648.	3.1	3
3	Multiâ€omics analysis identifies a CYP9K1 haplotype conferring pyrethroid resistance in the malaria vector Anopheles funestus in East Africa. Molecular Ecology, 2022, 31, 3642-3657.	3.9	12
4	Gene Conversion Explains Elevated Diversity in the Immunity Modulating APL1 Gene of the Malaria Vector Anopheles funestus. Genes, 2022, 13, 1102.	2.4	2
5	DNA methylation differs extensively between strains of the same geographical origin and changes with age in Daphnia magna. Epigenetics and Chromatin, 2021, 14, 4.	3.9	18
6	Genome-Wide Transcriptional Analysis and Functional Validation Linked a Cluster of Epsilon Glutathione S-Transferases with Insecticide Resistance in the Major Malaria Vector Anopheles funestus across Africa. Genes, 2021, 12, 561.	2.4	20
7	The cytochrome P450 CYP325A is a major driver of pyrethroid resistance in the major malaria vector Anopheles funestus in Central Africa. Insect Biochemistry and Molecular Biology, 2021, 138, 103647.	2.7	10
8	A 6.5â€kb intergenic structural variation enhances P450â€mediated resistance to pyrethroids in malaria vectors lowering bed net efficacy. Molecular Ecology, 2020, 29, 4395-4411.	3.9	17
9	From Inquilines to Gall Inducers: Genomic Signature of a Life-Style Transition in Synergus Gall Wasps. Genome Biology and Evolution, 2020, 12, 2060-2073.	2.5	9
10	Daphnia magna modifies its gene expression extensively in response to caloric restriction revealing a novel effect on haemoglobin isoform preference. Molecular Ecology, 2020, 29, 3261-3276.	3.9	5
11	CYP6P9-Driven Signatures of Selective Sweep of Metabolic Resistance to Pyrethroids in the Malaria Vector Anopheles funestus Reveal Contemporary Barriers to Gene Flow. Genes, 2020, 11, 1314.	2.4	6
12	Lowâ€coverage genomic data resolve the population divergence and gene flow history of an Australian rain forest fig wasp. Molecular Ecology, 2020, 29, 3649-3666.	3.9	4
13	An Africa-wide genomic evolution of insecticide resistance in the malaria vector Anopheles funestus involves selective sweeps, copy number variations, gene conversion and transposons. PLoS Genetics, 2020, 16, e1008822.	3.5	42
14	Exploring the Mechanisms of Multiple Insecticide Resistance in a Highly Plasmodium-Infected Malaria Vector Anopheles funestus Sensu Stricto from Sahel of Northern Nigeria. Genes, 2020, 11, 454.	2.4	9
15	Cis-regulatory CYP6P9b P450Âvariants associated with loss of insecticide-treated bed net efficacy against Anopheles funestus. Nature Communications, 2019, 10, 4652.	12.8	72
16	Genomic dissection of an extended phenotype: Oak galling by a cynipid gall wasp. PLoS Genetics, 2019, 15, e1008398.	3.5	44
17	Genome-wide methylation is modified by caloric restriction in Daphnia magna. BMC Genomics, 2019, 20, 197.	2.8	21
18	Daphnia magna micro<scp>RNA</scp>s respond to nutritional stress and ageing but are not transgenerational. Molecular Ecology, 2018, 27, 1402-1412.	3.9	21