

Pantelis Topalis

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

4,152
citations

687363

13
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

5167
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of the Malaria Mosquito <i>Anopheles gambiae</i> . Science, 2002, 298, 129-149.	12.6	1,859
2	VectorBase: an updated bioinformatics resource for invertebrate vectors and other organisms related with human diseases. Nucleic Acids Research, 2015, 43, D707-D713.	14.5	556
3	Comparative Genome and Proteome Analysis of <i>Anopheles gambiae</i> and <i>Drosophila melanogaster</i> . Science, 2002, 298, 149-159.	12.6	531
4	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. Science, 2015, 347, 1258522.	12.6	492
5	Genome sequence of the Asian Tiger mosquito, <i>Aedes albopictus</i> , reveals insights into its biology, genetics, and evolution. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E5907-15.	7.1	251
6	VectorBase: improvements to a bioinformatics resource for invertebrate vector genomics. Nucleic Acids Research, 2012, 40, D729-D734.	14.5	143
7	A Comparative Genomic Analysis of Two Distant Diptera, the Fruit Fly, <i>Drosophila melanogaster</i> , and the Malaria Mosquito, <i>Anopheles gambiae</i> . Genome Research, 2002, 12, 57-66.	5.5	60
8	Biochemical, Molecular, and Functional Characterization of PISCF-Allatostatin, a Regulator of Juvenile Hormone Biosynthesis in the Mosquito <i>Aedes aegypti</i> *. Journal of Biological Chemistry, 2006, 281, 34048-34055.	3.4	51
9	Tissue-infiltrating macrophages mediate an exosome-based metabolic reprogramming upon DNA damage. Nature Communications, 2020, 11, 42.	12.8	44
10	A draft genome sequence of an invasive mosquito: an Italian <i>Aedes albopictus</i> . Pathogens and Global Health, 2015, 109, 207-220.	2.3	35
11	R-loops trigger the release of cytoplasmic ssDNAs leading to chronic inflammation upon DNA damage. Science Advances, 2021, 7, eabj5769.	10.3	30
12	MIRO and IRbase: IT Tools for the Epidemiological Monitoring of Insecticide Resistance in Mosquito Disease Vectors. PLoS Neglected Tropical Diseases, 2009, 3, e465.	3.0	28
13	The splicing factor XAB2 interacts with ERCC1-XPF and XPG for R-loop processing. Nature Communications, 2021, 12, 3153.	12.8	27
14	Describing the Breakbone Fever: IDODEN, an Ontology for Dengue Fever. PLoS Neglected Tropical Diseases, 2015, 9, e0003479.	3.0	13
15	One-hundred and five new potential <i>Drosophila melanogaster</i> genes revealed through STS analysis. Gene, 1997, 195, 187-193.	2.2	12
16	How can ontologies help vector biology?. Trends in Parasitology, 2008, 24, 249-252.	3.3	9
17	Genome-wide analysis of the human malaria parasite <i>Plasmodium falciparum</i> transcription factor PFNF-YB shows interaction with a CCAAT motif. Oncotarget, 2017, 8, 113987-114001.	1.8	8
18	Establishment of computational biology in Greece and Cyprus: Past, present, and future. PLoS Computational Biology, 2019, 15, e1007532.	3.2	3