

Daniel Lawson

List of Publications by Year in descending order

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43
papers

14,710
citations

117625

34
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243625

44
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47
all docs

47
docs citations

47
times ranked

20121
citing authors

#	ARTICLE	IF	CITATIONS
1	VEuPathDB: the eukaryotic pathogen, vector and host bioinformatics resource center. <i>Nucleic Acids Research</i> , 2022, 50, D898-D911.	14.5	277
2	The genome of the stable fly, <i>Stomoxys calcitrans</i> , reveals potential mechanisms underlying reproduction, host interactions, and novel targets for pest control. <i>BMC Biology</i> , 2021, 19, 41.	3.8	19
3	Evolutionary superscaffolding and chromosome anchoring to improve <i>Anopheles</i> genome assemblies. <i>BMC Biology</i> , 2020, 18, 1.	3.8	177
4	Transcriptional variation of sensory-related genes in natural populations of <i>Aedes albopictus</i> . <i>BMC Genomics</i> , 2020, 21, 547.	2.8	6
5	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019, 20, 187.	8.8	71
6	MIReAD, a minimum information standard for reporting arthropod abundance data. <i>Scientific Data</i> , 2019, 6, 40.	5.3	20
7	Ensembl Genomes 2016: more genomes, more complexity. <i>Nucleic Acids Research</i> , 2016, 44, D574-D580.	14.5	530
8	Genomic insights into the <i>Ixodes scapularis</i> tick vector of Lyme disease. <i>Nature Communications</i> , 2016, 7, 10507.	12.8	450
9	Genome of <i>Rhodnius prolixus</i> , an insect vector of Chagas disease, reveals unique adaptations to hematophagy and parasite infection. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 14936-14941.	7.1	329
10	The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , 2015, 43, W589-W598.	14.5	682
11	A draft genome sequence of an invasive mosquito: an Italian <i>Aedes albopictus</i> . <i>Pathogens and Global Health</i> , 2015, 109, 207-220.	2.3	35
12	RNA-Rocket: an RNA-Seq analysis resource for infectious disease research. <i>Bioinformatics</i> , 2015, 31, 1496-1498.	4.1	11
13	VectorBase: an updated bioinformatics resource for invertebrate vectors and other organisms related with human diseases. <i>Nucleic Acids Research</i> , 2015, 43, D707-D713.	14.5	556
14	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258522.	12.6	492
15	The Glanville fritillary genome retains an ancient karyotype and reveals selective chromosomal fusions in Lepidoptera. <i>Nature Communications</i> , 2014, 5, 4737.	12.8	196
16	Genome Sequence of the Tsetse Fly (<i>Glossina morsitans</i>): Vector of African Trypanosomiasis. <i>Science</i> , 2014, 344, 380-386.	12.6	254
17	Ensembl Genomes 2013: scaling up access to genome-wide data. <i>Nucleic Acids Research</i> , 2014, 42, D546-D552.	14.5	205
18	Studying Culicoides vectors of BTV in the post-genomic era: Resources, bottlenecks to progress and future directions. <i>Virus Research</i> , 2014, 182, 43-49.	2.2	49

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19	The i5K Initiative: Advancing Arthropod Genomics for Knowledge, Human Health, Agriculture, and the Environment. <i>Journal of Heredity</i> , 2013, 104, 595-600.	2.4	358
20	The Evolution of the <i>Anopheles</i> 16 Genomes Project. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1191-1194.	1.8	49
21	VectorBase: improvements to a bioinformatics resource for invertebrate vector genomics. <i>Nucleic Acids Research</i> , 2012, 40, D729-D734.	14.5	143
22	Ensembl Genomes: an integrative resource for genome-scale data from non-vertebrate species. <i>Nucleic Acids Research</i> , 2012, 40, D91-D97.	14.5	179
23	Butterfly genome reveals promiscuous exchange of mimicry adaptations among species. <i>Nature</i> , 2012, 487, 94-98.	27.8	1,086
24	Creating a Buzz About Insect Genomes. <i>Science</i> , 2011, 331, 1386-1386.	12.6	185
25	BioMart Central Portal: an open database network for the biological community. <i>Database: the Journal of Biological Databases and Curation</i> , 2011, 2011, bar041-bar041.	3.0	145
26	Sequencing of <i>Culex quinquefasciatus</i> Establishes a Platform for Mosquito Comparative Genomics. <i>Science</i> , 2010, 330, 86-88.	12.6	424
27	Ensembl's 10th year. <i>Nucleic Acids Research</i> , 2010, 38, D557-D562.	14.5	251
28	Genome sequences of the human body louse and its primary endosymbiont provide insights into the permanent parasitic lifestyle. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12168-12173.	7.1	482
29	Widespread Divergence Between Incipient <i>Anopheles gambiae</i> Species Revealed by Whole Genome Sequences. <i>Science</i> , 2010, 330, 512-514.	12.6	250
30	VectorBase: a data resource for invertebrate vector genomics. <i>Nucleic Acids Research</i> , 2009, 37, D583-D587.	14.5	234
31	Genomic resources for invertebrate vectors of human pathogens, and the role of VectorBase. <i>Infection, Genetics and Evolution</i> , 2009, 9, 308-313.	2.3	14
32	How can ontologies help vector biology?. <i>Trends in Parasitology</i> , 2008, 24, 249-252.	3.3	9
33	VectorBase: a home for invertebrate vectors of human pathogens. <i>Nucleic Acids Research</i> , 2007, 35, D503-D505.	14.5	107
34	Genome Sequence of <i>Aedes aegypti</i> , a Major Arbovirus Vector. <i>Science</i> , 2007, 316, 1718-1723.	12.6	1,025
35	WormBase: a comprehensive data resource for <i>Caenorhabditis</i> biology and genomics. <i>Nucleic Acids Research</i> , 2004, 33, D383-D389.	14.5	155
36	WormBase as an Integrated Platform for the <i>C. elegans</i> ORFeome. <i>Genome Research</i> , 2004, 14, 2155-2161.	5.5	19

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37	WormBase: a multi-species resource for nematode biology and genomics. <i>Nucleic Acids Research</i> , 2004, 32, 411D-417.	14.5	610
38	WormBase: a cross-species database for comparative genomics. <i>Nucleic Acids Research</i> , 2003, 31, 133-137.	14.5	107
39	A global analysis of <i>Caenorhabditis elegans</i> operons. <i>Nature</i> , 2002, 417, 851-854.	27.8	329
40	Sequence of <i>Plasmodium falciparum</i> chromosomes 1, 3 and 13. <i>Nature</i> , 2002, 419, 527-531.	27.8	156
41	Gene discovery in <i>Plasmodium chabaudi</i> by genome survey sequencing. <i>Molecular and Biochemical Parasitology</i> , 2001, 113, 251-260.	1.1	25
42	The complete nucleotide sequence of chromosome 3 of <i>Plasmodium falciparum</i> . <i>Nature</i> , 1999, 400, 532-538.	27.8	312
43	Genome Sequence of the Nematode <i>C. elegans</i> : A Platform for Investigating Biology. <i>Science</i> , 1998, 282, 2012-2018.	12.6	3,681