

Daniel Lawson

List of Publications by Year in descending order

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43
papers

14,710
citations

126708

33
h-index

253896

43
g-index

47
all docs

47
docs citations

47
times ranked

20121
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome Sequence of the Nematode <i>C. elegans</i> : A Platform for Investigating Biology. , 1998, 282, 2012-2018.		3,681
2	Butterfly genome reveals promiscuous exchange of mimicry adaptations among species. <i>Nature</i> , 2012, 487, 94-98.	13.7	1,086
3	Genome Sequence of <i>Aedes aegypti</i> , a Major Arbovirus Vector. <i>Science</i> , 2007, 316, 1718-1723.	6.0	1,025
4	The BioMart community portal: an innovative alternative to large, centralized data repositories. <i>Nucleic Acids Research</i> , 2015, 43, W589-W598.	6.5	682
5	WormBase: a multi-species resource for nematode biology and genomics. <i>Nucleic Acids Research</i> , 2004, 32, 411D-417.	6.5	610
6	VectorBase: an updated bioinformatics resource for invertebrate vectors and other organisms related with human diseases. <i>Nucleic Acids Research</i> , 2015, 43, D707-D713.	6.5	556
7	Ensembl Genomes 2016: more genomes, more complexity. <i>Nucleic Acids Research</i> , 2016, 44, D574-D580.	6.5	530
8	Highly evolvable malaria vectors: The genomes of 16 <i>Anopheles</i> mosquitoes. <i>Science</i> , 2015, 347, 1258-1262.	6.0	492
9	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.	3.3	482
10	Genomic insights into the <i>Ixodes scapularis</i> tick vector of Lyme disease. <i>Nature Communications</i> , 2016, 7, 10507.	5.8	450
11	Sequencing of <i>Culex quinquefasciatus</i> Establishes a Platform for Mosquito Comparative Genomics. <i>Science</i> , 2010, 330, 86-88.	6.0	424
12	The i5K Initiative: Advancing Arthropod Genomics for Knowledge, Human Health, Agriculture, and the Environment. <i>Journal of Heredity</i> , 2013, 104, 595-600.	1.0	358
13	A global analysis of <i>Caenorhabditis elegans</i> operons. <i>Nature</i> , 2002, 417, 851-854.	13.7	329
14	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.	3.3	329
15	The complete nucleotide sequence of chromosome 3 of <i>Plasmodium falciparum</i> . <i>Nature</i> , 1999, 400, 532-538.	13.7	312
16	VEuPathDB: the eukaryotic pathogen, vector and host bioinformatics resource center. <i>Nucleic Acids Research</i> , 2022, 50, D898-D911.	6.5	277
17	Genome Sequence of the Tsetse Fly (<i>Glossina morsitans</i>): Vector of African Trypanosomiasis. <i>Science</i> , 2014, 344, 380-386.	6.0	254
18	Ensembl's 10th year. <i>Nucleic Acids Research</i> , 2010, 38, D557-D562.	6.5	251

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19	Widespread Divergence Between Incipient <i>Anopheles gambiae</i> Species Revealed by Whole Genome Sequences. <i>Science</i> , 2010, 330, 512-514.	6.0	250
20	VectorBase: a data resource for invertebrate vector genomics. <i>Nucleic Acids Research</i> , 2009, 37, D583-D587.	6.5	234
21	Ensembl Genomes 2013: scaling up access to genome-wide data. <i>Nucleic Acids Research</i> , 2014, 42, D546-D552.	6.5	205
22	The Glanville fritillary genome retains an ancient karyotype and reveals selective chromosomal fusions in Lepidoptera. <i>Nature Communications</i> , 2014, 5, 4737.	5.8	196
23	Creating a Buzz About Insect Genomes. <i>Science</i> , 2011, 331, 1386-1386.	6.0	185
24	Ensembl Genomes: an integrative resource for genome-scale data from non-vertebrate species. <i>Nucleic Acids Research</i> , 2012, 40, D91-D97.	6.5	179
25	Evolutionary superscaffolding and chromosome anchoring to improve <i>Anopheles</i> genome assemblies. <i>BMC Biology</i> , 2020, 18, 1.	1.7	177
26	Sequence of <i>Plasmodium falciparum</i> chromosomes 1, 3 and 13. <i>Nature</i> , 2002, 419, 527-531.	13.7	156
27	WormBase: a comprehensive data resource for <i>Caenorhabditis</i> biology and genomics. <i>Nucleic Acids Research</i> , 2004, 33, D383-D389.	6.5	155
28	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.	1.4	145
29	VectorBase: improvements to a bioinformatics resource for invertebrate vector genomics. <i>Nucleic Acids Research</i> , 2012, 40, D729-D734.	6.5	143
30	WormBase: a cross-species database for comparative genomics. <i>Nucleic Acids Research</i> , 2003, 31, 133-137.	6.5	107
31	VectorBase: a home for invertebrate vectors of human pathogens. <i>Nucleic Acids Research</i> , 2007, 35, D503-D505.	6.5	107
32	Comparative genomic analysis of six <i>Glossina</i> genomes, vectors of African trypanosomes. <i>Genome Biology</i> , 2019, 20, 187.	3.8	71
33	The Evolution of the <i>Anopheles</i> 16 Genomes Project. <i>G3: Genes, Genomes, Genetics</i> , 2013, 3, 1191-1194.	0.8	49
34	Studying <i>Culicoides</i> vectors of BTV in the post-genomic era: Resources, bottlenecks to progress and future directions. <i>Virus Research</i> , 2014, 182, 43-49.	1.1	49
35	A draft genome sequence of an invasive mosquito: an Italian <i>Aedes albopictus</i> . <i>Pathogens and Global Health</i> , 2015, 109, 207-220.	1.0	35
36	Gene discovery in <i>Plasmodium chabaudi</i> by genome survey sequencing. <i>Molecular and Biochemical Parasitology</i> , 2001, 113, 251-260.	0.5	25

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37	MIReAD, a minimum information standard for reporting arthropod abundance data. <i>Scientific Data</i> , 2019, 6, 40.	2.4	20
38	WormBase as an Integrated Platform for the <i>C. elegans</i> ORFeome. <i>Genome Research</i> , 2004, 14, 2155-2161.	2.4	19
39	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.	1.7	19
40	Genomic resources for invertebrate vectors of human pathogens, and the role of VectorBase. <i>Infection, Genetics and Evolution</i> , 2009, 9, 308-313.	1.0	14
41	RNA-Rocket: an RNA-Seq analysis resource for infectious disease research. <i>Bioinformatics</i> , 2015, 31, 1496-1498.	1.8	11
42	How can ontologies help vector biology?. <i>Trends in Parasitology</i> , 2008, 24, 249-252.	1.5	9
43	Transcriptional variation of sensory-related genes in natural populations of <i>Aedes albopictus</i> . <i>BMC Genomics</i> , 2020, 21, 547.	1.2	6