

Daven C Presgraves

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,942
citations

218677

26
h-index

302126

39
g-index

47
all docs

47
docs citations

47
times ranked

3612
citing authors

#	ARTICLE	IF	CITATIONS
1	The molecular evolutionary basis of species formation. <i>Nature Reviews Genetics</i> , 2010, 11, 175-180.	16.3	477
2	Adaptive evolution drives divergence of a hybrid inviability gene between two species of <i>Drosophila</i> . <i>Nature</i> , 2003, 423, 715-719.	27.8	381
3	Sex chromosomes and speciation in <i>Drosophila</i> . <i>Trends in Genetics</i> , 2008, 24, 336-343.	6.7	310
4	The Ecology and Evolutionary Dynamics of Meiotic Drive. <i>Trends in Ecology and Evolution</i> , 2016, 31, 315-326.	8.7	305
5	PATTERNS OF POSTZYGOTIC ISOLATION IN LEPIDOPTERA. <i>Evolution; International Journal of Organic Evolution</i> , 2002, 56, 1168-1183.	2.3	264
6	Genome sequencing reveals complex speciation in the <i>Drosophila simulans</i> clade. <i>Genome Research</i> , 2012, 22, 1499-1511.	5.5	220
7	The Selfish Segregation Distorter Gene Complex of <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2012, 192, 33-53.	2.9	207
8	Male eye span in stalk-eyed flies indicates genetic quality by meiotic drive suppression. <i>Nature</i> , 1998, 391, 276-279.	27.8	205
9	Speciation by postzygotic isolation: forces, genes and molecules. <i>BioEssays</i> , 2000, 22, 1085-1094.	2.5	205
10	A Fine-Scale Genetic Analysis of Hybrid Incompatibilities in <i>Drosophila</i> . <i>Genetics</i> , 2003, 163, 955-972.	2.9	183
11	Evolution of the <i>Drosophila</i> Nuclear Pore Complex Results in Multiple Hybrid Incompatibilities. <i>Science</i> , 2009, 323, 779-782.	12.6	150
12	Evaluating genomic signatures of the large X-effect during complex speciation. <i>Molecular Ecology</i> , 2018, 27, 3822-3830.	3.9	100
13	Pervasive Adaptive Evolution among Interactors of the <i>Drosophila</i> Hybrid Inviability Gene, Nup96. <i>Molecular Biology and Evolution</i> , 2007, 24, 306-314.	8.9	77
14	Gene flow mediates the role of sex chromosome meiotic drive during complex speciation. <i>ELife</i> , 2018, 7, .	6.0	68
15	A Genetic Test of the Mechanism of Wolbachia-Induced Cytoplasmic Incompatibility in <i>Drosophila</i> . <i>Genetics</i> , 2000, 154, 771-776.	2.9	63
16	Darwin and the Origin of Interspecific Genetic Incompatibilities. <i>American Naturalist</i> , 2010, 176, S45-S60.	2.1	62
17	Genome Diversity and Divergence in <i>Drosophila mauritiana</i> : Multiple Signatures of Faster X Evolution. <i>Genome Biology and Evolution</i> , 2014, 6, 2444-2458.	2.5	59
18	Speciation Genetics: Epistasis, Conflict and the Origin of Species. <i>Current Biology</i> , 2007, 17, R125-R127.	3.9	51

#	ARTICLE	IF	CITATIONS
19	Large-Scale Selective Sweep among Segregation Distorter Chromosomes in African Populations of <i>Drosophila melanogaster</i> . <i>PLoS Genetics</i> , 2009, 5, e1000463.	3.5	50
20	Hybrid Incompatibilities, Local Adaptation, and the Genomic Distribution of Natural Introgression between Species. <i>American Naturalist</i> , 2016, 187, 249-261.	2.1	49
21	Doubts about complex speciation between humans and chimpanzees. <i>Trends in Ecology and Evolution</i> , 2009, 24, 533-540.	8.7	48
22	Molecular Evolution at a Meiosis Gene Mediates Species Differences in the Rate and Patterning of Recombination. <i>Current Biology</i> , 2018, 28, 1289-1295.e4.	3.9	44
23	Introduction: Sex chromosomes and speciation. <i>Molecular Ecology</i> , 2018, 27, 3745-3748.	3.9	44
24	Does genetic conflict drive rapid molecular evolution of nuclear transport genes in <i>Drosophila</i> ? <i>BioEssays</i> , 2007, 29, 386-391.	2.5	42
25	Origin, evolution, and population genetics of the selfish <i>Segregation Distorter</i> gene duplication in European and African populations of <i>Drosophila melanogaster</i> . <i>Evolution; International Journal of Organic Evolution</i> , 2015, 69, 1271-1283.	2.3	36
26	Sex Chromosome-wide Transcriptional Suppression and Compensatory Cis-Regulatory Evolution Mediate Gene Expression in the <i>Drosophila</i> Male Germline. <i>PLoS Biology</i> , 2016, 14, e1002499.	5.6	36
27	Satellite DNA-mediated diversification of a sex-ratio meiotic drive gene family in <i>Drosophila</i> . <i>Nature Ecology and Evolution</i> , 2021, 5, 1604-1612.	7.8	31
28	Speciation Genetics: Search for the Missing Snowball. <i>Current Biology</i> , 2010, 20, R1073-R1074.	3.9	28
29	Hybrid Sterility, Genetic Conflict and Complex Speciation: Lessons From the <i>Drosophila simulans</i> Clade Species. <i>Frontiers in Genetics</i> , 2021, 12, 669045.	2.3	28
30	Abundant genetic variability in <i>Drosophila simulans</i> for hybrid female lethality in interspecific crosses to <i>Drosophila melanogaster</i> . <i>Genetical Research</i> , 2012, 94, 1-7.	0.9	17
31	Translational compensation of gene copy number alterations by aneuploidy in <i>Drosophila melanogaster</i> . <i>Nucleic Acids Research</i> , 2017, 45, 2986-2993.	14.5	15
32	Speciation by postzygotic isolation: forces, genes and molecules. <i>BioEssays</i> , 2000, 22, 1085-1094.	2.5	15
33	Evolutionary Biology: Speciation on Islands. <i>Current Biology</i> , 2010, 20, R440-R442.	3.9	13
34	Lineage-Specific Evolution of the Complex <i>Nup160</i> Hybrid Incompatibility Between <i>Drosophila melanogaster</i> and Its Sister Species. <i>Genetics</i> , 2015, 200, 1245-1254.	2.9	13
35	<i>Drosophila</i> X-Linked Genes Have Lower Translation Rates than Autosomal Genes. <i>Molecular Biology and Evolution</i> , 2016, 33, 413-428.	8.9	13
36	Epistatic selection on a selfish <i>Segregation Distorter</i> supergene “drive, recombination, and genetic load. <i>ELife</i> , 2022, 11, .	6.0	13

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37	Hitchhiking to Speciation. PLoS Biology, 2013, 11, e1001498.	5.6	9
38	Evolution: On the Origin of Symmetry, Synapsis, and Species. Current Biology, 2016, 26, R325-R328.	3.9	5
39	Positive Selection and Functional Divergence at Meiosis Genes That Mediate Crossing Over Across the Drosophila Phylogeny. G3: Genes, Genomes, Genetics, 2019, 9, 3201-3211.	1.8	5