

David H A Fitch

List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

2,410
citations

471371

17
h-index

642610

23
g-index

54
all docs

54
docs citations

54
times ranked

2373
citing authors

#	ARTICLE	IF	CITATIONS
1	The Genome Sequence of <i>Caenorhabditis briggsae</i> : A Platform for Comparative Genomics. <i>PLoS Biology</i> , 2003, 1, e45.	2.6	812
2	<i>Caenorhabditis</i> phylogeny predicts convergence of hermaphroditism and extensive intron loss. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 9003-9008.	3.3	342
3	A phylogeny and molecular barcodes for <i>Caenorhabditis</i> , with numerous new species from rotting fruits. <i>BMC Evolutionary Biology</i> , 2011, 11, 339.	3.2	317
4	Trends, Stasis, and Drift in the Evolution of Nematode Vulva Development. <i>Current Biology</i> , 2007, 17, 1925-1937.	1.8	194
5	The phylogenetic relationships of <i>Caenorhabditis</i> and other rhabditids. <i>WormBook</i> , 2005, , 1-11.	5.3	111
6	Rearrangement of Immunoglobulin Genes in Shark Germ Cells. <i>Journal of Experimental Medicine</i> , 2000, 191, 1637-1648.	4.2	80
7	Overlap Extension PCR: An Efficient Method for Transgene Construction. <i>Methods in Molecular Biology</i> , 2012, 772, 459-470.	0.4	71
8	Nematodes. <i>Current Biology</i> , 2013, 23, R862-R864.	1.8	57
9	Genome Architecture and Evolution of a Unichromosomal Asexual Nematode. <i>Current Biology</i> , 2017, 27, 2928-2939.e6.	1.8	56
10	Evolution of early embryogenesis in rhabditid nematodes. <i>Developmental Biology</i> , 2009, 335, 253-262.	0.9	51
11	Evolution of Male Tail Development in Rhabditid Nematodes Related to <i>Caenorhabditis Elegans</i> . <i>Systematic Biology</i> , 1997, 46, 145-179.	2.7	50
12	A Bow-Tie Genetic Architecture for Morphogenesis Suggested by a Genome-Wide RNAi Screen in <i>Caenorhabditis elegans</i> . <i>PLoS Genetics</i> , 2011, 7, e1002010.	1.5	49
13	From "the Worm" to "the Worms" and Back Again: The Evolutionary Developmental Biology of Nematodes. <i>Genetics</i> , 2018, 210, 397-433.	1.2	44
14	TLP-1 is an asymmetric cell fate determinant that responds to Wnt signals and controls male tail tip morphogenesis in <i>C. elegans</i> . <i>Development (Cambridge)</i> , 2002, 129, 1497-1508.	1.2	44
15	Novel gain-of-function alleles demonstrate a role for the heterochronic gene <i>lin-41</i> in <i>C. elegans</i> male tail tip morphogenesis. <i>Developmental Biology</i> , 2006, 297, 74-86.	0.9	33
16	Evolution: An Ecological Context for <i>C. elegans</i> . <i>Current Biology</i> , 2005, 15, R655-R658.	1.8	20
17	<i>Teratorhabditis synpapillata</i> Sudhaus, 1985 (Rhabditida: Rhabditidae) is an associate of the red palm weevil, <i>Rhynchophorus ferrugineus</i> (Coleoptera: Curculionidae). <i>Nematology</i> , 2008, 10, 207-218.	0.2	18
18	LEP-2/Makorin regulates LIN-28 stability to promote the juvenile-to-adult transition in <i>Caenorhabditis elegans</i> . <i>Development (Cambridge)</i> , 2016, 143, 799-809.	1.2	17

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19	One small step for worms, one giant leap for "Bauplan?"*. <i>Evolution & Development</i> , 2002, 4, 243-246.	1.1	16
20	The Long Non-Coding RNA <i>lep-5</i> Promotes the Juvenile-to-Adult Transition by Destabilizing LIN-28. <i>Developmental Cell</i> , 2019, 49, 542-555.e9.	3.1	13
21	Introduction to nematode evolution and ecology. <i>WormBook</i> , 2005, , 1-8.	5.3	12
22	EUAdb: A resource for COVID-19 test development and comparison. <i>PLoS ONE</i> , 2021, 16, e0255417.	1.1	1
23	<i>hlh-12</i> , a gene that is necessary and sufficient to promote migration of gonadal regulatory cells in <i>Caenorhabditis elegans</i> , evolved within the <i>Caenorhabditis</i> clade. <i>Genetics</i> , 2021, 219, .	1.2	1
24	Laser Microdissection for Species-Agnostic Single-Tissue Applications. <i>Journal of Visualized Experiments</i> , 2022, , .	0.2	1