

Joel D Levine

List of Publications by Year in descending order

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Version: 2024-02-01

39
papers

3,066
citations

304602

22
h-index

302012

39
g-index

43
all docs

43
docs citations

43
times ranked

2702
citing authors

#	ARTICLE	IF	CITATIONS
1	Signal analysis of behavioral and molecular cycles. BMC Neuroscience, 2002, 3, 1.	0.8	353
2	Specialized cells tag sexual and species identity in <i>Drosophila melanogaster</i> . Nature, 2009, 461, 987-991.	13.7	350
3	Generalization of Courtship Learning in <i>Drosophila</i> Is Mediated by cis-Vaccenyl Acetate. Current Biology, 2007, 17, 599-605.	1.8	257
4	Critical period regulation across multiple timescales. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23242-23251.	3.3	250
5	A new role for cryptochrome in a <i>Drosophila</i> circadian oscillator. Nature, 2001, 411, 313-317.	13.7	247
6	Social Experience Modifies Pheromone Expression and Mating Behavior in Male <i>Drosophila melanogaster</i> . Current Biology, 2008, 18, 1373-1383.	1.8	226
7	Resetting the Circadian Clock by Social Experience in <i>Drosophila melanogaster</i> . Science, 2002, 298, 2010-2012.	6.0	218
8	Social Context Influences Chemical Communication in <i>D. melanogaster</i> Males. Current Biology, 2008, 18, 1384-1389.	1.8	153
9	The nutritional and hedonic value of food modulate sexual receptivity in <i>Drosophila melanogaster</i> females. Scientific Reports, 2016, 6, 19441.	1.6	96
10	Social structures depend on innate determinants and chemosensory processing in <i>Drosophila</i> . Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17174-17179.	3.3	93
11	Advanced analysis of a cryptochrome mutation's effects on the robustness and phase of molecular cycles in isolated peripheral tissues of <i>Drosophila</i> . BMC Neuroscience, 2002, 3, 5.	0.8	82
12	<i>Drosophila melanogaster</i> females change mating behaviour and offspring production based on social context. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2417-2425.	1.2	79
13	Period protein from the giant silkworm <i>Antheraea pernyi</i> functions as a circadian clock element in <i>Drosophila melanogaster</i> . Neuron, 1995, 15, 147-157.	3.8	74
14	<i>Drosophila melanogaster</i> males increase the number of sperm in their ejaculate when perceiving rival males. Journal of Insect Physiology, 2013, 59, 306-310.	0.9	71
15	The gut microbiome defines social group membership in honey bee colonies. Science Advances, 2020, 6, .	4.7	55
16	The neurogenetics of group behavior in <i>Drosophila melanogaster</i> . Journal of Experimental Biology, 2017, 220, 35-41.	0.8	50
17	Social structure and indirect genetic effects: genetics of social behaviour. Biological Reviews, 2017, 92, 1027-1038.	4.7	46
18	Phylogeny, environment and sexual communication across the <i>Drosophila</i> genus. Journal of Experimental Biology, 2017, 220, 42-52.	0.8	44

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19	Tissue-Specific cis-Regulatory Divergence Implicates eIoF in Inhibiting Interspecies Mating in <i>Drosophila</i> . <i>Current Biology</i> , 2018, 28, 3969-3975.e3.	1.8	37
20	<i>Drosophila melanogaster</i> behaviour changes in different social environments based on group size and density. <i>Communications Biology</i> , 2020, 3, 304.	2.0	37
21	The role of cVA and the Odorant binding protein Lush in social and sexual behavior in <i>Drosophila melanogaster</i> . <i>Frontiers in Ecology and Evolution</i> , 2015, 3, .	1.1	31
22	A Model-Based Analysis of Chemical and Temporal Patterns of Cuticular Hydrocarbons in Male <i>Drosophila melanogaster</i> . <i>PLoS ONE</i> , 2007, 2, e962.	1.1	27
23	Desiccation resistance is an adaptive life-history trait dependent upon cuticular hydrocarbons, and influenced by mating status and temperature in <i>D. melanogaster</i> . <i>Journal of Insect Physiology</i> , 2020, 121, 103990.	0.9	25
24	A Symphony of Signals: Intercellular and Intracellular Signaling Mechanisms Underlying Circadian Timekeeping in Mice and Flies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 2363.	1.8	24
25	One, Two, and Many – A Perspective on What Groups of <i>Drosophila melanogaster</i> Can Tell Us About Social Dynamics. <i>Advances in Genetics</i> , 2012, 77, 59-78.	0.8	23
26	The cuticular hydrocarbon profiles of honey bee workers develop via a socially-modulated innate process. <i>ELife</i> , 2019, 8, .	2.8	21
27	Can <i>Drosophila melanogaster</i> tell who's who?. <i>PLoS ONE</i> , 2018, 13, e0205043.	1.1	18
28	Behavioral and environmental contributions to drosophilid social networks. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 11573-11583.	3.3	16
29	The <i>Drosophila melanogaster</i> foraging gene affects social networks. <i>Journal of Neurogenetics</i> , 2021, 35, 249-261.	0.6	11
30	Network analyses reveal structure in insect social groups. <i>Current Opinion in Insect Science</i> , 2019, 35, 54-59.	2.2	7
31	Using Flies to Understand Social Networks. <i>Frontiers in Neural Circuits</i> , 2021, 15, 755093.	1.4	7
32	UBR4/POE facilitates secretory trafficking to maintain circadian clock synchrony. <i>Nature Communications</i> , 2022, 13, 1594.	5.8	7
33	Neural Circuits: Anatomy of a Sexual Behavior. <i>Current Biology</i> , 2014, 24, R327-R329.	1.8	6
34	The ultimate and proximate underpinnings of social behavior. <i>Journal of Experimental Biology</i> , 2017, 220, 4-5.	0.8	6
35	Glia and romance. <i>Nature Neuroscience</i> , 2008, 11, 8-10.	7.1	5
36	Layered Social Network Analysis Reveals Complex Relationships in Kindergarteners. <i>Frontiers in Psychology</i> , 2016, 7, 276.	1.1	5

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37	Chemical Signalling: Laser on the Fly Reveals a New Male-Specific Pheromone. <i>Current Biology</i> , 2009, 19, R653-R655.	1.8	4
38	Neurogenetics: Sex and the Female Brain. <i>Current Biology</i> , 2014, 24, R812-R814.	1.8	4
39	The circuitry of sex. <i>ELife</i> , 2016, 5, .	2.8	1