Joel D Levine

List of Publications by Year
in descending order

39 papers	3,066 citations	304743 22 h-index	302126 39 g-index
43 all docs	43 docs citations	43 times ranked	2702 citing authors

#	Article	IF	Citations
1	UBR4/POE facilitates secretory trafficking to maintain circadian clock synchrony. Nature Communications, 2022, 13, 1594.	12.8	7
2	The Drosophila melanogaster foraging gene affects social networks. Journal of Neurogenetics, 2021, 35, 249-261.	1.4	11
3	Using Flies to Understand Social Networks. Frontiers in Neural Circuits, 2021, 15, 755093.	2.8	7
4	Desiccation resistance is an adaptive life-history trait dependent upon cuticular hydrocarbons, and influenced by mating status and temperature in D. melanogaster. Journal of Insect Physiology, 2020, 121, 103990.	2.0	25
5	The gut microbiome defines social group membership in honey bee colonies. Science Advances, 2020, 6, .	10.3	55
6	Behavioral and environmental contributions to drosophilid social networks. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 11573-11583.	7.1	16
7	Drosophila melanogaster behaviour changes in different social environments based on group size and density. Communications Biology, 2020, 3, 304.	4.4	37
8	Critical period regulation across multiple timescales. Proceedings of the National Academy of Sciences of the United States of America, 2020, 117, 23242-23251.	7.1	250
9	Network analyses reveal structure in insect social groups. Current Opinion in Insect Science, 2019, 35, 54-59.	4.4	7
10	A Symphony of Signals: Intercellular and Intracellular Signaling Mechanisms Underlying Circadian Timekeeping in Mice and Flies. International Journal of Molecular Sciences, 2019, 20, 2363.	4.1	24
11	The cuticular hydrocarbon profiles of honey bee workers develop via a socially-modulated innate process. ELife, 2019, 8, .	6.0	21
12	Tissue-Specific cis-Regulatory Divergence Implicates eloF in Inhibiting Interspecies Mating in Drosophila. Current Biology, 2018, 28, 3969-3975.e3.	3.9	37
13	Can Drosophila melanogaster tell whoâ€™s who?. PLoS ONE, 2018, 13, e0205043.	2.5	18
14	The ultimate and proximate underpinnings of social behavior. Journal of Experimental Biology, 2017, 220, 4-5.	1.7	6
15	The neurogenetics of group behavior in Drosophila melanogaster. Journal of Experimental Biology, 2017, 220, 35-41.	1.7	50
16	Phylogeny, environment and sexual communication across the Drosophila genus. Journal of Experimental Biology, 2017, 220, 42-52.	1.7	44
17	Social structure and indirect genetic effects: genetics of social behaviour. Biological Reviews, 2017, 92, 1027-1038.	10.4	46
18	Layered Social Network Analysis Reveals Complex Relationships in Kindergarteners. Frontiers in Psychology, 2016, 7, 276.	2.1	5

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19	The nutritional and hedonic value of food modulate sexual receptivity in Drosophila melanogaster females. Scientific Reports, 2016, 6, 19441.	3.3	96
20	The circuitry of sex. ELife, 2016, 5, .	6.0	1
21	The role of cVA and the Odorant binding protein Lush in social and sexual behavior in Drosophila melanogaster. Frontiers in Ecology and Evolution, 2015, 3, .	2.2	31
22	Neurogenetics: Sex and the Female Brain. Current Biology, 2014, 24, R812-R814.	3.9	4
23	Neural Circuits: Anatomy of a Sexual Behavior. Current Biology, 2014, 24, R327-R329.	3.9	6
24	Drosophila melanogaster males increase the number of sperm in their ejaculate when perceiving rival males. Journal of Insect Physiology, 2013, 59, 306-310.	2.0	71
25	Drosophila melanogaster females change mating behaviour and offspring production based on social context. Proceedings of the Royal Society B: Biological Sciences, 2012, 279, 2417-2425.	2.6	79
26	Social structures depend on innate determinants and chemosensory processing in Drosophila. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 17174-17179.	7.1	93
27	One, Two, and Manyâ€"A Perspective on What Groups of Drosophila melanogaster Can Tell Us About Social Dynamics. Advances in Genetics, 2012, 77, 59-78.	1.8	23
28	Chemical Signalling: Laser on the Fly Reveals a New Male-Specific Pheromone. Current Biology, 2009, 19, R653-R655.	3.9	4
29	Specialized cells tag sexual and species identity in Drosophila melanogaster. Nature, 2009, 461, 987-991.	27.8	350
30	Glia and romance. Nature Neuroscience, 2008, 11, 8-10.	14.8	5
31	Social Context Influences Chemical Communication in D. melanogaster Males. Current Biology, 2008, 18, 1384-1389.	3.9	153
32	Social Experience Modifies Pheromone Expression and Mating Behavior in Male Drosophila melanogaster. Current Biology, 2008, 18, 1373-1383.	3.9	226
33	A Model-Based Analysis of Chemical and Temporal Patterns of Cuticular Hydrocarbons in Male Drosophila melanogaster. PLoS ONE, 2007, 2, e962.	2.5	27
34	Generalization of Courtship Learning in Drosophila Is Mediated by cis-Vaccenyl Acetate. Current Biology, 2007, 17, 599-605.	3.9	257
35	Resetting the Circadian Clock by Social Experience in Drosophila melanogaster. Science, 2002, 298, 2010-2012.	12.6	218
36	Advanced analysis of a cryptochrome mutation's effects on the robustness and phase of molecular cycles in isolated peripheral tissues of Drosophila. BMC Neuroscience, 2002, 3, 5.	1.9	82

#	Article	IF	Citations
37	Signal analysis of behavioral and molecular cycles. BMC Neuroscience, 2002, 3, 1.	1.9	353
38	A new role for cryptochrome in a Drosophila circadian oscillator. Nature, 2001, 411, 313-317.	27.8	247
39	Period protein from the giant silkmoth antheraea pernyi functions as a circadian clock element in drosophila melanogaster. Neuron, 1995, 15, 147-157.	8.1	74