Adrian Rothenfluh

List of Publications by Year
in descending order

39 papers	2,932 citations	361413 20 h-index	330143 37 g-index
46 all docs	46 docs citations	46 times ranked	2424 citing authors

#	Article	IF	Citations
1	double-time Is a Novel Drosophila Clock Gene that Regulates PERIOD Protein Accumulation. Cell, 1998, 94, 83-95.	28.9	775
2	The Drosophila Clock Gene double-time Encodes a Protein Closely Related to Human Casein Kinase Iîµ. Cell, 1998, 94, 97-107.	28.9	664
3	Phosphorylation of PERIOD Is Influenced by Cycling Physical Associations of DOUBLE-TIME, PERIOD, and TIMELESS in the Drosophila Clock. Neuron, 2001, 30, 699-706.	8.1	160
4	A TIMELESS-Independent Function for PERIOD Proteins in the Drosophila Clock. Neuron, 2000, 26, 505-514.	8.1	149
5	Systematic Discovery of Rab GTPases with Synaptic Functions in Drosophila. Current Biology, 2011, 21, 1704-1715.	3.9	122
6	Distinct Behavioral Responses to Ethanol Are Regulated by Alternate RhoGAP18B Isoforms. Cell, 2006, 127, 199-211.	28.9	115
7	Isolation and Analysis of Six <i>timeless</i> Alleles That Cause Short- or Long-Period Circadian Rhythms in Drosophila. Genetics, 2000, 156, 665-675.	2.9	85
8	Short-period mutations of per affect a double-time-dependent step in the Drosophila circadian clock. Current Biology, 2000, 10, 1399-1402.	3.9	80
9	New alcohol-related genes suggest shared genetic mechanisms with neuropsychiatric disorders. Nature Human Behaviour, 2019, 3, 950-961.	12.0	75
10	Drugs, flies, and videotape: the effects of ethanol and cocaine on Drosophila locomotion. Current Opinion in Neurobiology, 2002, 12, 639-645.	4.2	72
11	The Genetics of Behavioral Alcohol Responses in Drosophila. International Review of Neurobiology, 2010, 91, 25-51.	2.0	59
12	Rsu1 regulates ethanol consumption in <i>Drosophila</i> and humans. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E4085-93.	7.1	57
13	Longâ€lasting, experienceâ€dependent alcohol preference in <scp><i>D</i></scp><i>rosophila</i>. Addiction Biology, 2014, 19, 392-401.	2.6	53
14	Neural basis of reward anticipation and its genetic determinants. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3879-3884.	7.1	53
15	Systematic discovery of genetic modulation by Jumonji histone demethylases in Drosophila. Scientific Reports, 2017, 7, 5240.	3.3	38
16	Emerging roles of actin cytoskeleton regulating enzymes in drug addiction: actin or reactinâ€™?. Current Opinion in Neurobiology, 2013, 23, 507-512.	4.2	35
17	Dopaminergic rules of engagement for memory in Drosophila. Current Opinion in Neurobiology, 2017, 43, 56-62.	4.2	33
18	Adult Neuronal Arf6 Controls Ethanol-Induced Behavior with Arfaptin Downstream of Rac1 and RhoGAP18B. Journal of Neuroscience, 2012, 32, 17706-17713.	3.6	30

#	Article	IF	Citations
19	JmjC domain proteins modulate circadian behaviors and sleep in Drosophila. Scientific Reports, 2018, 8, 815.	3.3	30
20	I Believe I Can Fly!: Use of Drosophila as a Model Organism in Neuropsychopharmacology Research. Neuropsychopharmacology, 2016, 41, 1439-1446.	5.4	28
21	A Simple Way to Measure Ethanol Sensitivity in Flies. Journal of Visualized Experiments, 2011, , .	0.3	23
22	The Neurotransmitters Involved in Drosophila Alcohol-Induced Behaviors. Frontiers in Behavioral Neuroscience, 2020, 14, 607700.	2.0	21
23	Alcoholâ€Induced Behaviors Require a Subset of <i>Drosophila</i> JmjCâ€Domain Histone Demethylases in the Nervous System. Alcoholism: Clinical and Experimental Research, 2017, 41, 2015-2024.	2.4	20
24	S6 Kinase Reflects and Regulates Ethanol-Induced Sedation. Journal of Neuroscience, 2015, 35, 15396-15402.	3.6	19
25	Flying Together: Drosophila as a Tool to Understand the Genetics of Human Alcoholism. International Journal of Molecular Sciences, 2020, 21, 6649.	4.1	19
26	Normal dynactin complex function during synapse growth in<i>Drosophila</i>requires membrane binding by Arfaptin. Molecular Biology of the Cell, 2013, 24, 1749-1764.	2.1	15
27	RhoGAP18B Isoforms Act on Distinct Rho-Family GTPases and Regulate Behavioral Responses to Alcohol via Cofilin. PLoS ONE, 2015, 10, e0137465.	2.5	14
28	Altered Actin Filament Dynamics in the<i>Drosophila</i>Mushroom Bodies Lead to Fast Acquisition of Alcohol Consumption Preference. Journal of Neuroscience, 2019, 39, 8877-8884.	3.6	14
29	The role of the actin cytoskeleton in regulating Drosophila behavior. Reviews in the Neurosciences, 2013, 24, 471-84.	2.9	13
30	Harnessing changes in open chromatin determined by ATAC-seq to generate insulin-responsive reporter constructs. BMC Genomics, 2022, 23, .	2.8	11
31	Siesta-Time Is in the Genes. Neuron, 1999, 24, 4-5.	8.1	9
32	The Use of Drosophila to Understand Psychostimulant Responses. Biomedicines, 2022, 10, 119.	3.2	8
33	Chloride oscillation in pacemaker neurons regulates circadian rhythms through a chloride-sensing WNK kinase signaling cascade. Current Biology, 2022, 32, 1429-1438.e6.	3.9	8
34	The Genetics of Alcohol Responses of Invertebrate Model Systems. , 2014, , 467-495.		5
35	The fly liquid-food electroshock assay (FLEA) suggests opposite roles for neuropeptide F in avoidance of bitterness and shock. BMC Biology, 2021, 19, 31.	3.8	5
36	Optimized assay for transposase-accessible chromatin by sequencing (ATAC-seq) library preparation from adult Drosophila melanogaster neurons. Scientific Reports, 2022, 12, 6043.	3.3	5

#	Article	IF	Citations
37	Addiction: Flies Hit the Skids. Current Biology, 2009, 19, R1110-R1111.	3.9	1
38	From single flies to many genes: Using Drosophila to explore the genetics of psychostimulant consumption. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, e2109994118.	7.1	1
39	Alcohol and Drosophila melanogaster. , 2013, , 51-59.		1