

Ronald L Davis

List of Publications by Year in descending order

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Version: 2024-02-01

145
papers

15,919
citations

19608

61
h-index

18606

119
g-index

153
all docs

153
docs citations

153
times ranked

9211
citing authors

#	ARTICLE	IF	CITATIONS
1	Associative learning drives longitudinally graded presynaptic plasticity of neurotransmitter release along axonal compartments. <i>ELife</i> , 2022, 11, .	2.8	13
2	Early Mitochondrial Fragmentation and Dysfunction in a <i>Drosophila</i> Model for Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2021, 58, 143-155.	1.9	16
3	Dopamine-based mechanism for transient forgetting. <i>Nature</i> , 2021, 591, 426-430.	13.7	29
4	High-Throughput Phenotypic Assay for Compounds That Influence Mitochondrial Health Using iPSC-Derived Human Neurons. <i>SLAS Discovery</i> , 2021, 26, 811-822.	1.4	3
5	Memory suppressor genes: Modulating acquisition, consolidation, and forgetting. <i>Neuron</i> , 2021, 109, 3211-3227.	3.8	26
6	Neuron-based high-content assay and screen for CNS active mitotherapeutics. <i>Science Advances</i> , 2020, 6, eaaw8702.	4.7	20
7	Rac1 Impairs Forgetting-Induced Cellular Plasticity in Mushroom Body Output Neurons. <i>Frontiers in Cellular Neuroscience</i> , 2020, 14, 258.	1.8	14
8	Mechanism of Action and Target Identification: A Matter of Timing in Drug Discovery. <i>IScience</i> , 2020, 23, 101487.	1.9	41
9	High-Throughput Small Molecule Screen Identifies Modulators of Mitochondrial Function in Neurons. <i>IScience</i> , 2020, 23, 100931.	1.9	9
10	Ras acts as a molecular switch between two forms of consolidated memory in <i>Drosophila</i> . <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 2133-2139.	3.3	12
11	miR-92a Suppresses Mushroom Body-Dependent Memory Consolidation in <i>Drosophila</i> . <i>ENeuro</i> , 2020, 7, ENEURO.0224-20.2020.	0.9	4
12	Aversive Training Induces Both Presynaptic and Postsynaptic Suppression in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2019, 39, 9164-9172.	1.7	20
13	Stromalin Constrains Memory Acquisition by Developmentally Limiting Synaptic Vesicle Pool Size. <i>Neuron</i> , 2019, 101, 103-118.e5.	3.8	10
14	Interrogating the Spatiotemporal Landscape of Neuromodulatory GPCR Signaling by Real-Time Imaging of cAMP in Intact Neurons and Circuits. <i>Cell Reports</i> , 2018, 22, 255-268.	2.9	53
15	Elongator complex is required for long-term olfactory memory formation in <i>Drosophila</i> . <i>Learning and Memory</i> , 2018, 25, 183-196.	0.5	3
16	High Content, Phenotypic Assays and Screens for Compounds Modulating Cellular Processes in Primary Neurons. <i>Methods in Enzymology</i> , 2018, 610, 219-250.	0.4	7
17	Brain transcriptome changes in the aging <i>Drosophila melanogaster</i> accompany olfactory memory performance deficits. <i>PLoS ONE</i> , 2018, 13, e0209405.	1.1	26
18	<i>Drosophila mef2</i> is essential for normal mushroom body and wing development. <i>Biology Open</i> , 2018, 7, .	0.6	16

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19	Dopamine Neurons Mediate Learning and Forgetting through Bidirectional Modulation of a Memory Trace. <i>Cell Reports</i> , 2018, 25, 651-662.e5.	2.9	97
20	Novel PDE10A transcript diversity in the human striatum: Insights into gene complexity, conservation and regulation. <i>Gene</i> , 2017, 606, 17-24.	1.0	13
21	The Biology of Forgetting—A Perspective. <i>Neuron</i> , 2017, 95, 490-503.	3.8	211
22	Dopamine Receptor DAMB Signals via Gq to Mediate Forgetting in <i>Drosophila</i> . <i>Cell Reports</i> , 2017, 21, 2074-2081.	2.9	73
23	MicroRNA function in <i>Drosophila</i> memory formation. <i>Current Opinion in Neurobiology</i> , 2017, 43, 15-24.	2.0	17
24	Improved Scalability of Neuron-Based Phenotypic Screening Assays for Therapeutic Discovery in Neuropsychiatric Disorders. <i>Molecular Neuropsychiatry</i> , 2017, 3, 141-150.	3.0	16
25	Reciprocal synapses between mushroom body and dopamine neurons form a positive feedback loop required for learning. <i>ELife</i> , 2017, 6, .	2.8	80
26	<i>Drosophila</i> SLC22A Transporter Is a Memory Suppressor Gene that Influences Cholinergic Neurotransmission to the Mushroom Bodies. <i>Neuron</i> , 2016, 90, 581-595.	3.8	25
27	Inhibiting the Mitochondrial Calcium Uniporter during Development Impairs Memory in Adult <i>Drosophila</i> . <i>Cell Reports</i> , 2016, 16, 2763-2776.	2.9	48
28	Developmental inhibition of miR-iab8-3p disrupts mushroom body neuron structure and adult learning ability. <i>Developmental Biology</i> , 2016, 419, 237-249.	0.9	8
29	Novel, primate-specific PDE10A isoform highlights gene expression complexity in human striatum with implications on the molecular pathology of bipolar disorder. <i>Translational Psychiatry</i> , 2016, 6, e742-e742.	2.4	18
30	Scribble Scaffolds a Signalingosome for Active Forgetting. <i>Neuron</i> , 2016, 90, 1230-1242.	3.8	80
31	MiR-980 Is a Memory Suppressor MicroRNA that Regulates the Autism-Susceptibility Gene A2bp1. <i>Cell Reports</i> , 2016, 14, 1698-1709.	2.9	39
32	Sleep Facilitates Memory by Blocking Dopamine Neuron-Mediated Forgetting. <i>Cell</i> , 2015, 161, 1656-1667.	13.5	200
33	Identification of Genes That Promote or Inhibit Olfactory Memory Formation in <i>Drosophila</i> . <i>Genetics</i> , 2015, 199, 1173-1182.	1.2	75
34	Aging Impairs Protein-Synthesis-Dependent Long-Term Memory in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2015, 35, 1173-1180.	1.7	34
35	microRNAs That Promote or Inhibit Memory Formation in <i>Drosophila melanogaster</i> . <i>Genetics</i> , 2015, 200, 569-580.	1.2	38
36	SnapShot: Olfactory Classical Conditioning of <i>Drosophila</i> . <i>Cell</i> , 2015, 163, 524-524.e1.	13.5	8

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37	Caspase Inhibition in Select Olfactory Neurons Restores Innate Attraction Behavior in Aged <i>Drosophila</i> . <i>PLoS Genetics</i> , 2014, 10, e1004437.	1.5	21
38	Active Forgetting of Olfactory Memories in <i>Drosophila</i> . <i>Progress in Brain Research</i> , 2014, 208, 39-62.	0.9	15
39	Functional neuroanatomy of <i>Drosophila</i> olfactory memory formation. <i>Learning and Memory</i> , 2014, 21, 519-526.	0.5	132
40	Spermidine cures flies of senior moments. <i>Nature Neuroscience</i> , 2013, 16, 1363-1364.	7.1	2
41	Wnt Signaling Is Required for Long-Term Memory Formation. <i>Cell Reports</i> , 2013, 4, 1082-1089.	2.9	30
42	System-Like Consolidation of Olfactory Memories in <i>Drosophila</i> . <i>Journal of Neuroscience</i> , 2013, 33, 9846-9854.	1.7	68
43	<i>Drosophila</i> Memory Research through Four Eras. <i>Handbook of Behavioral Neuroscience</i> , 2013, , 359-377.	0.7	11
44	Aging impairs intermediate-term behavioral memory by disrupting the dorsal paired medial neuron memory trace. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012, 109, 6319-6324.	3.3	44
45	Genetic association of cyclic AMP signaling genes with bipolar disorder. <i>Translational Psychiatry</i> , 2012, 2, e169-e169.	2.4	32
46	Dopamine Is Required for Learning and Forgetting in <i>Drosophila</i> . <i>Neuron</i> , 2012, 74, 530-542.	3.8	243
47	Distinct Traces for Appetitive versus Aversive Olfactory Memories in DPM Neurons of <i>Drosophila</i> . <i>Current Biology</i> , 2012, 22, 1247-1252.	1.8	38
48	Interactions between Intercellular Adhesion Molecule-5 (ICAM-5) and β 1 integrins regulate neuronal synapse formation. <i>Journal of Cell Science</i> , 2012, 126, 77-89.	1.2	58
49	Compensatory redistribution of neuroligins and N-cadherin following deletion of synaptic β 1 integrin. <i>Journal of Comparative Neurology</i> , 2012, 520, 2041-2052.	0.9	54
50	Mushroom-Body Memories: An Obituary Prematurely Written?. <i>Current Biology</i> , 2012, 22, R272-R275.	1.8	6
51	Traces of <i>Drosophila</i> Memory. <i>Neuron</i> , 2011, 70, 8-19.	3.8	272
52	The Long-Term Memory Trace Formed in the <i>Drosophila</i> Mushroom Body Neurons Is Abolished in Long-Term Memory Mutants. <i>Journal of Neuroscience</i> , 2011, 31, 5643-5647.	1.7	51
53	β 1 Integrins are required for hippocampal long-term potentiation but not for hippocampal-dependent learning. <i>Genes, Brain and Behavior</i> , 2010, 9, 402-410.	1.1	31
54	A Late-Phase, Long-Term Memory Trace Forms in the β 3 Neurons of <i>Drosophila</i> Mushroom Bodies after Olfactory Classical Conditioning. <i>Journal of Neuroscience</i> , 2010, 30, 16699-16708.	1.7	92

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55	A Distinct Set of Drosophila Brain Neurons Required for Neurofibromatosis Type 1-Dependent Learning and Memory. <i>Journal of Neuroscience</i> , 2010, 30, 10135-10143.	1.7	54
56	Olfactory Learning in Drosophila. <i>Physiology</i> , 2010, 25, 338-346.	1.6	158
57	Rac in the Act of Forgetting. <i>Cell</i> , 2010, 140, 456-458.	13.5	21
58	Gilgamesh Is Required for rutabaga-Independent Olfactory Learning in Drosophila. <i>Neuron</i> , 2010, 67, 810-820.	3.8	38
59	Eight different types of dopaminergic neurons innervate the Drosophila mushroom body neuropil: anatomical and physiological heterogeneity. <i>Frontiers in Neural Circuits</i> , 2009, 3, 5.	1.4	425
60	A Dual Role for the Adaptor Protein DRK in <i>Drosophila</i> Olfactory Learning and Memory. <i>Journal of Neuroscience</i> , 2009, 29, 2611-2625.	1.7	36
61	The GABAA Receptor RDL Suppresses the Conditioned Stimulus Pathway for Olfactory Learning. <i>Journal of Neuroscience</i> , 2009, 29, 1573-1579.	1.7	48
62	The GABAergic anterior paired lateral neuron suppresses and is suppressed by olfactory learning. <i>Nature Neuroscience</i> , 2009, 12, 53-59.	7.1	202
63	Dynamics of Learning-Related cAMP Signaling and Stimulus Integration in the Drosophila Olfactory Pathway. <i>Neuron</i> , 2009, 64, 510-521.	3.8	199
64	Out of sight, but not out of mind. <i>Nature</i> , 2008, 453, 1193-1194.	13.7	8
65	Spatial and Temporal Control of Gene Expression in Drosophila Using the Inducible GeneSwitch GAL4 System. I. Screen for Larval Nervous System Drivers. <i>Genetics</i> , 2008, 178, 215-234.	1.2	115
66	Cyclic AMP Imaging Sheds Light on PDF Signaling in Circadian Clock Neurons. <i>Neuron</i> , 2008, 58, 161-163.	3.8	3
67	Chapter 18 Olfactory memory traces in Drosophila. <i>Progress in Brain Research</i> , 2008, 169, 293-304.	0.9	56
68	Drosophila Homer Is Required in a Small Set of Neurons Including the Ellipsoid Body for Normal Ethanol Sensitivity and Tolerance. <i>Journal of Neuroscience</i> , 2007, 27, 4541-4551.	1.7	87
69	β -Integrins are required for hippocampal long-term potentiation and working memory. <i>Learning and Memory</i> , 2007, 14, 606-615.	0.5	48
70	Exploratory Activity in Drosophila Requires the kurtz Nonvisual Arrestin. <i>Genetics</i> , 2007, 175, 1197-1212.	1.2	58
71	The Scent of Drosophila Sex. <i>Neuron</i> , 2007, 54, 14-16.	3.8	8
72	GABAA Receptor RDL Inhibits Drosophila Olfactory Associative Learning. <i>Neuron</i> , 2007, 56, 1090-1102.	3.8	136

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73	<i>Drosophila</i> $\hat{1}\pm/\hat{1}^2$ Mushroom Body Neurons Form a Branch-Specific, Long-Term Cellular Memory Trace after Spaced Olfactory Conditioning. <i>Neuron</i> , 2006, 52, 845-855.	3.8	237
74	Insect olfactory memory in time and space. <i>Current Opinion in Neurobiology</i> , 2006, 16, 679-685.	2.0	39
75	A <i>Drosophila</i> Nonvisual Arrestin Is Required for the Maintenance of Olfactory Sensitivity. <i>Chemical Senses</i> , 2006, 31, 49-62.	1.1	23
76	$\hat{A}1$ -Integrins Are Required for Hippocampal AMPA Receptor-Dependent Synaptic Transmission, Synaptic Plasticity, and Working Memory. <i>Journal of Neuroscience</i> , 2006, 26, 223-232.	1.7	150
77	Roles for <i>Drosophila</i> mushroom body neurons in olfactory learning and memory. <i>Learning and Memory</i> , 2006, 13, 659-668.	0.5	109
78	The <i>dachshund</i> gene is required for the proper guidance and branching of mushroom body axons in <i>Drosophila melanogaster</i> . <i>Journal of Neurobiology</i> , 2005, 64, 133-144.	3.7	16
79	Isolation of mRNA from specific tissues of <i>Drosophila</i> by mRNA tagging. <i>Nucleic Acids Research</i> , 2005, 33, e148-e148.	6.5	71
80	OLFACTORY MEMORY FORMATION IN <i>DROSOPHILA</i> : From Molecular to Systems Neuroscience. <i>Annual Review of Neuroscience</i> , 2005, 28, 275-302.	5.0	530
81	Remote Control of Fruit Fly Behavior. <i>Cell</i> , 2005, 121, 6-7.	13.5	4
82	<i>Drosophila</i> DPM Neurons Form a Delayed and Branch-Specific Memory Trace after Olfactory Classical Conditioning. <i>Cell</i> , 2005, 123, 945-957.	13.5	134
83	Thirty years of olfactory learning and memory research in <i>Drosophila melanogaster</i> . <i>Progress in Neurobiology</i> , 2005, 76, 328-347.	2.8	199
84	Pharmacogenetic rescue in time and space of the rutabaga memory impairment by using Gene-Switch. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 198-203.	3.3	144
85	The Role of cAMP Response Element-Binding Protein in <i>Drosophila</i> Long-Term Memory. <i>Journal of Neuroscience</i> , 2004, 24, 8823-8828.	1.7	117
86	Gene expression systems in <i>Drosophila</i> : a synthesis of time and space. <i>Trends in Genetics</i> , 2004, 20, 384-391.	2.9	258
87	Olfactory Learning. <i>Neuron</i> , 2004, 44, 31-48.	3.8	173
88	Spatiotemporal Gene Expression Targeting with the TARGET and Gene-Switch Systems in <i>Drosophila</i> . <i>Science Signaling</i> , 2004, 2004, p16-p16.	1.6	595
89	Altered Representation of the Spatial Code for Odors after Olfactory Classical Conditioning. <i>Neuron</i> , 2004, 42, 437-449.	3.8	205
90	Octopamine receptor OAMB is required for ovulation in <i>Drosophila melanogaster</i> . <i>Developmental Biology</i> , 2003, 264, 179-190.	0.9	147

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91	Spatiotemporal Rescue of Memory Dysfunction in <i>Drosophila</i> . <i>Science</i> , 2003, 302, 1765-1768.	6.0	1,167
92	An adjustable-threshold algorithm for the identification of objects in three-dimensional images. <i>Bioinformatics</i> , 2003, 19, 1431-1435.	1.8	12
93	Detection of Calcium Transients in <i>Drosophila</i> Mushroom Body Neurons with Camgaroo Reporters. <i>Journal of Neuroscience</i> , 2003, 23, 64-72.	1.7	100
94	Integrin Requirement for Hippocampal Synaptic Plasticity and Spatial Memory. <i>Journal of Neuroscience</i> , 2003, 23, 7107-7116.	1.7	175
95	SRC-1 Null Mice Exhibit Moderate Motor Dysfunction and Delayed Development of Cerebellar Purkinje Cells. <i>Journal of Neuroscience</i> , 2003, 23, 213-222.	1.7	137
96	Conditional expression of UAS-transgenes in the adult eye with a new gene-switch vector system. <i>Genesis</i> , 2002, 34, 127-131.	0.8	42
97	Mushroom Bodies, Ca ²⁺ Oscillations, and the Memory Gene <i>amnesiac</i> . <i>Neuron</i> , 2001, 30, 653-656.	3.8	27
98	Presenilin-1 and Memories of the Forebrain. <i>Neuron</i> , 2001, 32, 763-765.	3.8	6
99	<i>Drosophila fasciclinIII</i> Is Required for the Formation of Odor Memories and for Normal Sensitivity to Alcohol. <i>Cell</i> , 2001, 105, 757-768.	13.5	124
100	Molecular biology and anatomy of <i>Drosophila</i> olfactory associative learning. <i>BioEssays</i> , 2001, 23, 571-581.	1.2	122
101	The Role of <i>Drosophila</i> Mushroom Body Signaling in Olfactory Memory. <i>Science</i> , 2001, 293, 1330-1333.	6.0	428
102	Neurofibromin progress on the fly. <i>Nature</i> , 2000, 403, 846-847.	13.7	7
103	Learning Performance of Normal and Mutant <i>Drosophila</i> after Repeated Conditioning Trials with Discrete Stimuli. <i>Journal of Neuroscience</i> , 2000, 20, 2944-2953.	1.7	109
104	Integrin-Mediated Regulation of Synaptic Morphology, Transmission, and Plasticity. <i>Journal of Neuroscience</i> , 2000, 20, 6868-6878.	1.7	118
105	<i>kurtz</i> , a Novel Nonvisual Arrestin, Is an Essential Neural Gene in <i>Drosophila</i> . <i>Genetics</i> , 2000, 155, 1281-1295.	1.2	81
106	New Series of <i>Drosophila</i> Expression Vectors Suitable for Behavioral Rescue. <i>BioTechniques</i> , 1999, 27, 54-56.	0.8	15
107	Cyclic AMP phosphodiesterases are localized in regions of the mouse brain associated with reinforcement, movement, and affect. <i>Journal of Comparative Neurology</i> , 1999, 407, 287-301.	0.9	205
108	Larval and pupal development of the mushroom bodies in the honey bee, <i>Apis mellifera</i> . , 1999, 414, 97-113.		140

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109	Epigenetic Spreading of the Drosophila Dosage Compensation Complex from roX RNA Genes into Flanking Chromatin. <i>Cell</i> , 1999, 98, 513-522.	13.5	291
110	Integrin-mediated short-term memory in Drosophila. <i>Nature</i> , 1998, 391, 455-460.	13.7	281
111	14-3-3 proteins in neuronal development and function. <i>Molecular Neurobiology</i> , 1998, 16, 269-284.	1.9	142
112	A Novel Octopamine Receptor with Preferential Expression in <i>Drosophila</i> Mushroom Bodies. <i>Journal of Neuroscience</i> , 1998, 18, 3650-3658.	1.7	259
113	The opt1 gene of <i>Drosophila melanogaster</i> encodes a proton-dependent dipeptide transporter. <i>American Journal of Physiology - Cell Physiology</i> , 1998, 275, C857-C869.	2.1	30
114	Outward Currents in <i>Drosophila</i> Larval Neurons: <i>dunce</i> Lacks a Maintained Outward Current Component Downregulated by cAMP. <i>Journal of Neuroscience</i> , 1998, 18, 1399-1407.	1.7	27
115	Tripartite Mushroom Body Architecture Revealed by Antigenic Markers. <i>Learning and Memory</i> , 1998, 5, 38-51.	0.5	356
116	Leonardo, a <i>Drosophila</i> 14-3-3 Protein Involved in Learning, Regulates Presynaptic Function. <i>Neuron</i> , 1997, 19, 391-402.	3.8	158
117	roX1 RNA Paints the X Chromosome of Male <i>Drosophila</i> and Is Regulated by the Dosage Compensation System. <i>Cell</i> , 1997, 88, 445-457.	13.5	280
118	Biochemistry of insect learning: Lessons from bees and flies. <i>Insect Biochemistry and Molecular Biology</i> , 1996, 26, 327-335.	1.2	44
119	DAMB, a Novel Dopamine Receptor Expressed Specifically in <i>Drosophila</i> Mushroom Bodies. <i>Neuron</i> , 1996, 16, 1127-1135.	3.8	255
120	Olfactory Learning Deficits in Mutants for <i>leonardo</i> , a <i>Drosophila</i> Gene Encoding a 14-3-3 Protein. <i>Neuron</i> , 1996, 17, 931-944.	3.8	215
121	Neuroanatomy: Mushrooming mushroom bodies. <i>Current Biology</i> , 1996, 6, 146-148.	1.8	37
122	The <i>Drosophila</i> brain revisited by enhancer detection. <i>Journal of Neurobiology</i> , 1996, 31, 88-102.	3.7	52
123	A mouse homolog of <i>dunce</i> , a gene important for learning and memory in <i>Drosophila</i> , is preferentially expressed in olfactory receptor neurons. <i>Journal of Neurobiology</i> , 1995, 28, 102-113.	3.7	49
124	The cyclic AMP system and <i>Drosophila</i> learning. <i>Molecular and Cellular Biochemistry</i> , 1995, 149-150, 271-278.	1.4	115
125	The cyclic AMP system and <i>Drosophila</i> learning. , 1995, 149-150, 271-278.		59
126	Progress in understanding the <i>Drosophila dnc</i> locus. <i>Comparative Biochemistry and Physiology Part B: Comparative Biochemistry</i> , 1994, 108, 1-9.	0.2	7

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127	Preferential expression in mushroom bodies of the catalytic subunit of protein kinase A and its role in learning and memory. <i>Neuron</i> , 1993, 11, 197-208.	3.8	287
128	Mushroom bodies and drosophila learning. <i>Neuron</i> , 1993, 11, 1-14.	3.8	395
129	Genetic dissection of the learning/memory gene <i>dunce</i> of <i>Drosophila melanogaster</i> .. <i>Genes and Development</i> , 1993, 7, 1447-1458.	2.7	70
130	Preferential expression of the <i>drosophila rutabaga</i> gene in mushroom bodies, neural centers for learning in insects. <i>Neuron</i> , 1992, 9, 619-627.	3.8	239
131	The <i>Drosophila</i> learning and memory gene <i>rutabaga</i> encodes a Ca ²⁺ -calmodulin-responsive adenylyl cyclase. <i>Cell</i> , 1992, 68, 479-489.	13.5	561
132	Characterization of the memory gene <i>dunce</i> of <i>Drosophila melanogaster</i> . <i>Journal of Molecular Biology</i> , 1991, 222, 553-565.	2.0	96
133	The cyclic AMP phosphodiesterase encoded by the <i>drosophila dunce</i> gene is concentrated in the mushroom body neuropil. <i>Neuron</i> , 1991, 6, 455-467.	3.8	243
134	The <i>Drosophila dunce</i> locus: learning and memory genes in the fly. <i>Trends in Genetics</i> , 1991, 7, 224-229.	2.9	45
135	Molecular characterization of human and bovine rod photoreceptor cGMP phosphodiesterase β -subunit and chromosomal localization of the human gene. <i>Genomics</i> , 1990, 6, 272-283.	1.3	105
136	Copia RNA levels are elevated in <i>dunce</i> mutants and modulated by cAMP. <i>Nucleic Acids Research</i> , 1989, 17, 8313-8326.	6.5	14
137	An interchromosomal gene conversion of the <i>Drosophila dunce</i> locus identified with restriction site polymorphisms: A potential involvement of transposable elements in gene conversion. <i>Molecular Genetics and Genomics</i> , 1987, 208, 315-324.	2.4	5
138	At least two genes reside within a large intron of the <i>dunce</i> gene of <i>Drosophila</i> . <i>Nature</i> , 1987, 329, 721-724.	13.7	95
139	GENETIC ANALYSIS OF CHROMOMERE 3D4 IN <i>DROSOPHILA MELANOGASTER</i> : THE <i>DUNCE</i> AND <i>SPERM-AMOTILE</i> GENES. <i>Genetics</i> , 1982, 100, 587-596.	1.2	36
140	Defect in cyclic AMP phosphodiesterase due to the <i>dunce</i> mutation of learning in <i>Drosophila melanogaster</i> . <i>Nature</i> , 1981, 289, 79-81.	13.7	418
141	<i>Dunce</i> mutants of <i>Drosophila melanogaster</i> : mutants defective in the cyclic AMP phosphodiesterase enzyme system.. <i>Journal of Cell Biology</i> , 1981, 90, 101-107.	2.3	133
142	A partial characterization of the cyclic nucleotide phosphodiesterases of <i>Drosophila melanogaster</i> . <i>Archives of Biochemistry and Biophysics</i> , 1980, 203, 412-421.	1.4	24
143	Genetic manipulation of cyclic AMP levels in <i>Drosophila melanogaster</i> . <i>Biochemical and Biophysical Research Communications</i> , 1978, 81, 1180-1186.	1.0	17
144	A clonal analysis of tergite development in <i>Drosophila</i> of Ultraabdominal and paradoxical genotypes. <i>Developmental Biology</i> , 1977, 58, 114-123.	0.9	7

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145	Fruit Flies Can Teach Us How We Forget. <i>Frontiers for Young Minds</i> , 0, 5, .	0.8	0