David L Deitcher

List of Publications by Year
in descending order

48	3,999	27	48
papers	citations	h-index	g-index
		201385	205818

50	50	50	3398
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	â€œA fly appearedâ€ <i>sable</i>, a classic <i>Drosophila</i> mutation, maps to <i>Yippee</i>, a gene affecting body color, wings, and bristles. G3: Genes, Genomes, Genetics, 2022, 12, .	0.8	4
2	Temporally and spatially partitioned neuropeptide release from individual clock neurons. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	15
3	Activity-evoked and spontaneous opening of synaptic fusion pores. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 17039-17044.	3.3	14
4	Ptp4E regulates vesicular packaging for monoamine-neuropeptide co-transmission. Journal of Cell Science, 2019, 132, .	1.2	7
5	Myopic (HD-PTP, PTPN23) selectively regulates synaptic neuropeptide release. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 1617-1622.	3.3	13
6	Extending<i>julius seizure</i>, a bang-sensitive gene, as a model for studying epileptogenesis: Cold shock, and a new insertional mutation. Fly, 2018, 12, 55-61.	0.9	3
7	<i>julius seizure</i>, a <i>Drosophila</i> Mutant, Defines a Neuronal Population Underlying Epileptogenesis. Genetics, 2017, 205, 1261-1269.	1.2	16
8	Loss of Huntingtin stimulates capture of retrograde dense-core vesicles to increase synaptic neuropeptide stores. European Journal of Cell Biology, 2017, 96, 402-406.	1.6	8
9	Sound and fury: Modulation of aggressive behavior through acoustic signals. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, 2443-2444.	3.3	1
10	Limited distal organelles and synaptic function in extensive monoaminergic innervation. Journal of Cell Science, 2017, 130, 2520-2529.	1.2	9
11	The<i>wavy</i>Mutation Maps to the<i>Inositol 1,4,5-Trisphosphate 3-Kinase 2</i>(<i>IP3K2</i>) Gene of<i>Drosophila</i>and Interacts with<i>IP3R</i>to Affect Wing Development. G3: Genes, Genomes, Genetics, 2016, 6, 299-310.	0.8	5
12	Spastin, atlastin, and ER relocalization are involved in axon but not dendrite regeneration. Molecular Biology of the Cell, 2016, 27, 3245-3256.	0.9	56
13	Activity Induces Fmr1-Sensitive Synaptic Capture of Anterograde Circulating Neuropeptide Vesicles. Journal of Neuroscience, 2016, 36, 11781-11787.	1.7	23
14	Vesicle capture, not delivery, scales up neuropeptide storage in neuroendocrine terminals. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 3597-3601.	3.3	28
15	Conserved role of Drosophila melanogaster FoxP in motor coordination and courtship song. Behavioural Brain Research, 2014, 268, 213-221.	1.2	33
16	Differential expression of genes and proteins between electric organ and skeletal muscle in the mormyrid electric fish<i>Brienomyrus brachyistius</i>. Journal of Experimental Biology, 2012, 215, 2479-2494.	0.8	37
17	Neuropeptide Delivery to Synapses by Long-Range Vesicle Circulation and Sporadic Capture. Cell, 2012, 148, 1029-1038.	13.5	137
18	Evolution of ligand specificity in vertebrate corticosteroid receptors. BMC Evolutionary Biology, 2011, 11, 14.	3.2	46

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19	Differential Control of Presynaptic CaMKII Activation and Translocation to Active Zones. Journal of Neuroscience, 2011, 31, 9093-9100.	1.7	32
20	Corticosteroid receptor expression in a teleost fish that displays alternative male reproductive tactics. General and Comparative Endocrinology, 2010, 165, 83-90.	0.8	44
21	Divergent expression of 11Î²-hydroxysteroid dehydrogenase and 11Î²-hydroxylase genes between male morphs in the central nervous system, sonic muscle and testis of a vocal fish. General and Comparative Endocrinology, 2010, 167, 44-50.	0.8	26
22	Distribution of androgen receptor mRNA expression in vocal, auditory, and neuroendocrine circuits in a teleost fish. Journal of Comparative Neurology, 2010, 518, 493-512.	0.9	87
23	The essential role of bursicon during Drosophiladevelopment. BMC Developmental Biology, 2010, 10, 92.	2.1	67
24	Calcium-Activated Potassium (BK) Channels Are Encoded by Duplicate slo1 Genes in Teleost Fishes. Molecular Biology and Evolution, 2009, 26, 1509-1521.	3.5	31
25	Presynaptic Ryanodine Receptor-Activated Calmodulin Kinase II Increases Vesicle Mobility and Potentiates Neuropeptide Release. Journal of Neuroscience, 2007, 27, 7799-7806.	1.7	81
26	Characterization of mRNA Expression in Single Neurons. Methods in Molecular Biology, 2007, 399, 133-152.	0.4	14
27	Nearly Neutral Secretory Vesicles in Drosophila Nerve Terminals. Biophysical Journal, 2006, 90, L45-L47.	0.2	20
28	Activity-dependent liberation of synaptic neuropeptide vesicles. Nature Neuroscience, 2005, 8, 173-178.	7.1	103
29	Distribution of estrogen receptor alpha mRNA in the brain and inner ear of a vocal fish with comparisons to sites of aromatase expression. Journal of Comparative Neurology, 2005, 483, 91-113.	0.9	124
30	Steroid-Dependent Auditory Plasticity Leads to Adaptive Coupling of Sender and Receiver. Science, 2004, 305, 404-407.	6.0	216
31	Morphology and molecular organization of the adult neuromuscular junction ofDrosophila. Journal of Comparative Neurology, 2004, 468, 596-613.	0.9	45
32	Exocytosis, endocytosis, and development. Seminars in Cell and Developmental Biology, 2002, 13, 71-76.	2.3	9
33	Dominant-negative NSF2 disrupts the structure and function ofdrosophila neuromuscular synapses. Journal of Neurobiology, 2002, 51, 261-271.	3.7	29
34	A DrosophilaSNAP-25Null Mutant Reveals Context-Dependent Redundancy WithSNAP-24in Neurotransmission. Genetics, 2002, 162, 259-271.	1.2	57
35	Shibire's enhancer is cancer's suppressor. Trends in Neurosciences, 2001, 24, 625-626.	4.2	6
36	Anatomical Distribution and Cellular Basis for High Levels of Aromatase Activity in the Brain of Teleost Fish: Aromatase Enzyme and mRNA Expression Identify Glia as Source. Journal of Neuroscience, 2001, 21, 8943-8955.	1.7	283

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37	Visualization of neuropeptide expression, transport, and exocytosis inDrosophila melanogaster. Journal of Neurobiology, 2001, 49, 159-172.	3.7	118
38	Two distinct effects on neurotransmission in a temperature-sensitive SNAP-25 mutant. EMBO Journal, 2001, 20, 6761-6771.	3.5	53
39	Generation of a Semi-Dominant Mutation with Temperature Sensitive Effects on Both Locomotion and Phototransduction in<i>Drosophila Melanogaster</i>. Journal of Neurogenetics, 2001, 15, 75-95.	0.6	4
40	Genes and channels: patch/voltage-clamp analysis and single-cell RT-PCR. Cell and Tissue Research, 2000, 302, 295-307.	1.5	55
41	Selective Effects of<i>neuronal-synaptobrevin</i>Mutations on Transmitter Release Evoked by Sustained Versus Transient Ca²⁺Increases and by cAMP. Journal of Neuroscience, 1999, 19, 2432-2441.	1.7	73
42	Distinct Requirements for Evoked and Spontaneous Release of Neurotransmitter Are Revealed by Mutations in the<i>Drosophila</i>Gene<i>neuronal-synaptobrevin</i>. Journal of Neuroscience, 1998, 18, 2028-2039.	1.7	216
43	The Synaptic Protein Syntaxin1 Is Required for Cellularization of Drosophila Embryos. Journal of Cell Biology, 1997, 138, 861-875.	2.3	146
44	Complex gene organization of synaptic protein SNAP-25 in Drosophila melanogaster. Gene, 1997, 194, 169-177.	1.0	24
45	PCR and patch-clamp analysis of single neurons. Neuron, 1995, 14, 1095-1100.	3.8	85
46	Multipotent neural cell lines can engraft and participate in development of mouse cerebellum. Cell, 1992, 68, 33-51.	13.5	974
47	Polymeric immunoglobulin receptor expressed in MDCK cells transcytoses IgA. Cell, 1986, 46, 613-621.	13.5	310
48	Deletion of the cytoplasmic domain of the polymeric immunoglobulin receptor prevents basolateral localization and endocytosis. Cell, 1986, 47, 359-364.	13.5	212