

David E Featherstone

List of Publications by Year in descending order

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38

papers

1,921

citations

304743

22

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330143

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38

docs citations

38

times ranked

2333

citing authors

#	ARTICLE	IF	CITATIONS
1	The spatial and developmental expression of mouse Vwa8 (von Willebrand domain-containing protein) Tj ETQql 1 0.784314 5gBT /Over	0.8	
2	Development of $\frac{1}{4}$ -Low-Flow-Pushâ€“Pull Perfusion Probes for <i>< i>Ex Vivo</i></i> Sampling from Mouse Hippocampal Tissue Slices. ACS Chemical Neuroscience, 2018, 9, 252-259.	3.5	9
3	The Amino Acid Transporter Jhl-21 Coevolves with Glutamate Receptors, Impacts NMJ Physiology and Influences Locomotor Activity in Drosophila Larvae. Scientific Reports, 2016, 6, 19692.	3.3	20
4	Total cysteine and glutathione determination in hemolymph of individual adult <i>D. melanogaster</i> . Analytica Chimica Acta, 2015, 853, 660-667.	5.4	14
5	Regulation of Hippocampal Synaptic Strength by Glial xCT. Journal of Neuroscience, 2014, 34, 16093-16102.	3.6	31
6	Determining striatal extracellular glutamate levels in xCT mutant mice using LFPS CE-LIF. Analytical Methods, 2014, 6, 2916-2922.	2.7	9
7	Behavioral characterization of system xc- mutant mice. Behavioural Brain Research, 2014, 265, 1-11.	2.2	35
8	Nanoliter Hemolymph Sampling and Analysis of Individual Adult <i>< i>Drosophila melanogaster</i></i> . Analytical Chemistry, 2012, 84, 4460-4466.	6.5	21
9	Pre and postsynaptic roles for Drosophila CASK. Molecular and Cellular Neurosciences, 2011, 48, 171-182.	2.2	39
10	Glial solute carrier transporters in <i>< i>drosophila</i></i> and mice. Glia, 2011, 59, 1351-1363.	4.9	44
11	Drosophila glutamate receptor mRNA expression and mRNP particles. RNA Biology, 2011, 8, 771-781.	3.1	10
12	Membrane Penetration by Synaptotagmin Is Required for Coupling Calcium Binding to Vesicle Fusion <i>< i>In Vivo</i></i> . Journal of Neuroscience, 2011, 31, 2248-2257.	3.6	74
13	Tomosyn-dependent regulation of synaptic transmission is required for a late phase of associative odor memory. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 18482-18487.	7.1	36
14	Hemolymph amino acid variations following behavioral and genetic changes in individual Drosophila larvae. Amino Acids, 2010, 38, 779-788.	2.7	13
15	Intercellular Glutamate Signaling in the Nervous System and Beyond. ACS Chemical Neuroscience, 2010, 1, 4-12.	3.5	81
16	Neurexin in Embryonic Drosophila Neuromuscular Junctions. PLoS ONE, 2010, 5, e11115.	2.5	35
17	Electrophysiological Recording in the <i>< em>Drosophila</i> Embryo. Journal of Visualized Experiments, 2009, ,.	0.3	6
18	Regulation of glutamate receptor subunit availability by microRNAs. Journal of Cell Biology, 2009, 185, 685-697.	5.2	55

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19	Effect of ambient extracellular glutamate on Drosophila glutamate receptor trafficking and function. <i>Journal of Comparative Physiology A: Neuroethology, Sensory, Neural, and Behavioral Physiology</i> , 2009, 195, 21-9.	1.6	11
20	Harvesting and Preparing Drosophila Embryos for Electrophysiological Recording and Other Procedures. <i>Journal of Visualized Experiments</i> , 2009, , .	0.3	17
21	A glial amino-acid transporter controls synapse strength and courtship in Drosophila. <i>Nature Neuroscience</i> , 2008, 11, 54-61.	14.8	99
22	Regulation of Synaptic Transmission by Ambient Extracellular Glutamate. <i>Neuroscientist</i> , 2008, 14, 171-181.	3.5	75
23	Hemolymph Amino Acid Analysis of Individual <i>Drosophila</i> Larvae. <i>Analytical Chemistry</i> , 2008, 80, 1201-1207.	6.5	56
24	Accelerated bang recovery in <i>Drosophila genderblind</i> mutants. <i>Communicative and Integrative Biology</i> , 2008, 1, 14-17.	1.4	5
25	Identification and Investigation of <i>Drosophila</i> Postsynaptic Density Homologs. <i>Bioinformatics and Biology Insights</i> , 2008, 2, BBI.S2010.	2.0	18
26	Nonvesicular Release of Glutamate by Glial xCT Transporters Suppresses Glutamate Receptor Clustering In Vivo. <i>Journal of Neuroscience</i> , 2007, 27, 111-123.	3.6	109
27	A Single Vesicular Glutamate Transporter Is Sufficient to Fill a Synaptic Vesicle. <i>Neuron</i> , 2006, 49, 11-16.	8.1	162
28	Genome-wide P-element screen for Drosophila synaptogenesis mutants. <i>Journal of Neurobiology</i> , 2006, 66, 332-347.	3.6	44
29	Genes involved in Drosophila glutamate receptor expression and localization. <i>BMC Neuroscience</i> , 2005, 6, 44.	1.9	24
30	Discs-large (DLG) is clustered by presynaptic innervation and regulates postsynaptic glutamate receptor subunit composition in Drosophila. , 2005, 3, 1.		124
31	Increased synaptic microtubules and altered synapse development in Drosophila sec8 mutants. <i>BMC Biology</i> , 2005, 3, 27.	3.8	32
32	An Essential Drosophila Glutamate Receptor Subunit That Functions in Both Central Neuropil and Neuromuscular Junction. <i>Journal of Neuroscience</i> , 2005, 25, 3199-3208.	3.6	117
33	The 4.1 Protein Coracle Mediates Subunit-Selective Anchoring of Drosophila Glutamate Receptors to the Postsynaptic Actin Cytoskeleton. <i>Journal of Neuroscience</i> , 2005, 25, 6667-6675.	3.6	73
34	Response: Meaningless minis?. <i>Trends in Neurosciences</i> , 2002, 25, 386-387.	8.6	8
35	Wrestling with pleiotropy: Genomic and topological analysis of the yeast gene expression network. <i>BioEssays</i> , 2002, 24, 267-274.	2.5	165
36	Developmental regulation of glutamate receptor field size by nonvesicular glutamate release. <i>Nature Neuroscience</i> , 2002, 5, 141-146.	14.8	104

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37	ⁱ>Drosophila</i> β - and γ -Spectrin Mutations Disrupt Presynaptic Neurotransmitter Release. Journal of Neuroscience, 2001, 21, 4215-4224.	3.6	93
38	Surprises from Drosophila: genetic mechanisms of synaptic development and plasticity. Brain Research Bulletin, 2000, 53, 501-511.	3.0	48