

Jeremy M Sullivan

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

863
citations

430874

18
h-index

677142

22
g-index

22
all docs

22
docs citations

22
times ranked

808
citing authors

#	ARTICLE	IF	CITATIONS
1	Adult neurogenesis: A common strategy across diverse species. <i>Journal of Comparative Neurology</i> , 2007, 500, 574-584.	1.6	98
2	Neural pathways connecting the deutocerebrum and lateral protocerebrum in the brains of decapod crustaceans. <i>Journal of Comparative Neurology</i> , 2001, 441, 9-22.	1.6	80
3	A TRPV Channel in <i>Drosophila</i> Motor Neurons Regulates Presynaptic Resting Ca ²⁺ Levels, Synapse Growth, and Synaptic Transmission. <i>Neuron</i> , 2014, 84, 764-777.	8.1	68
4	Newborn cells in the adult crayfish brain differentiate into distinct neuronal types. <i>Journal of Neurobiology</i> , 2005, 65, 157-170.	3.6	63
5	Evolutionary changes in the olfactory projection neuron pathways of eumalacostracan crustaceans. <i>Journal of Comparative Neurology</i> , 2004, 470, 25-38.	1.6	58
6	Functional Effects of Adult Human Olfactory Stem Cells on Early-Onset Sensorineural Hearing Loss. <i>Stem Cells</i> , 2011, 29, 670-677.	3.2	55
7	Integration and segregation of inputs to higher-order neuropils of the crayfish brain. <i>Journal of Comparative Neurology</i> , 2005, 481, 118-126.	1.6	54
8	BRAIN PHOTORECEPTOR PATHWAYS CONTRIBUTING TO CIRCADIAN RHYTHMICITY IN CRAYFISH. <i>Chronobiology International</i> , 2009, 26, 1136-1168.	2.0	49
9	TRPV4 disrupts mitochondrial transport and causes axonal degeneration via a CaMKII-dependent elevation of intracellular Ca ²⁺ . <i>Nature Communications</i> , 2020, 11, 2679.	12.8	45
10	Adult neurogenesis and cell cycle regulation in the crustacean olfactory pathway: from glial precursors to differentiated neurons. <i>Journal of Molecular Histology</i> , 2007, 38, 527-542.	2.2	44
11	Stem and progenitor cell compartments within adult mouse taste buds. <i>European Journal of Neuroscience</i> , 2010, 31, 1549-1560.	2.6	42
12	Serotonin Depletion In Vivo Inhibits the Branching of Olfactory Projection Neurons in the Lobster Deutocerebrum. <i>Journal of Neuroscience</i> , 2000, 20, 7716-7721.	3.6	40
13	Development and connectivity of olfactory pathways in the brain of the lobster <i>Homarus americanus</i> . <i>Journal of Comparative Neurology</i> , 2001, 441, 23-43.	1.6	30
14	Automated threshold detection for auditory brainstem responses: comparison with visual estimation in a stem cell transplantation study. <i>BMC Neuroscience</i> , 2009, 10, 104.	1.9	26
15	Neuropathy-causing TRPV4 mutations disrupt TRPV4-RhoA interactions and impair neurite extension. <i>Nature Communications</i> , 2021, 12, 1444.	12.8	25
16	Novel mutations highlight the key role of the ankyrin repeat domain in <i>TRPV4</i> -mediated neuropathy. <i>Neurology: Genetics</i> , 2015, 1, e29.	1.9	20
17	Adult neurogenesis in the central olfactory pathway in the absence of receptor neuron turnover in <i>Libinia emarginata</i> . <i>European Journal of Neuroscience</i> , 2005, 22, 2397-2402.	2.6	19
18	Effect of epithelial stem cell transplantation on noise-induced hearing loss in adult mice. <i>Neurobiology of Disease</i> , 2011, 41, 552-559.	4.4	19

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19	Dominant mutations of the Notch ligand Jagged1 cause peripheral neuropathy. <i>Journal of Clinical Investigation</i> , 2020, 130, 1506-1512.	8.2	12
20	TRPV4 Antagonism Prevents Mechanically Induced Myotonia. <i>Annals of Neurology</i> , 2020, 88, 297-308.	5.3	9
21	Multiubiquitination of TRPV4 reduces channel activity independent of surface localization. <i>Journal of Biological Chemistry</i> , 2022, 298, 101826.	3.4	5
22	Brain Photoreceptor Pathways Contributing to Circadian Rhythmicity in Crayfish. <i>Chronobiology International</i> , 2009, 26, 1136-1168.	2.0	2