

Charles T Anderson

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

1,538
citations

471509

17
h-index

752698

20
g-index

21
all docs

21
docs citations

21
times ranked

1921
citing authors

#	ARTICLE	IF	CITATIONS
1	Prestin-Based Outer Hair Cell Motility Is Necessary for Mammalian Cochlear Amplification. <i>Neuron</i> , 2008, 58, 333-339.	8.1	333
2	Sublayer-specific microcircuits of corticospinal and corticostriatal neurons in motor cortex. <i>Nature Neuroscience</i> , 2010, 13, 739-744.	14.8	239
3	Modulation of extrasynaptic NMDA receptors by synaptic and tonic zinc. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, E2705-14.	7.1	109
4	AMPA receptor inhibition by synaptically released zinc. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015, 112, 15749-15754.	7.1	101
5	Circuit-Specific Intracortical Hyperconnectivity in Mice with Deletion of the Autism-Associated <i>Met</i> Receptor Tyrosine Kinase. <i>Journal of Neuroscience</i> , 2011, 31, 5855-5864.	3.6	98
6	Analysis of the Oligomeric Structure of the Motor Protein Prestin. <i>Journal of Biological Chemistry</i> , 2006, 281, 19916-19924.	3.4	94
7	Synaptic Zn ²⁺ Inhibits Neurotransmitter Release by Promoting Endocannabinoid Synthesis. <i>Journal of Neuroscience</i> , 2013, 33, 9259-9272.	3.6	73
8	An Autism-Associated Variant of Epac2 Reveals a Role for Ras/Epac2 Signaling in Controlling Basal Dendrite Maintenance in Mice. <i>PLoS Biology</i> , 2012, 10, e1001350.	5.6	73
9	Reaction-Based Probes for Imaging Mobile Zinc in Live Cells and Tissues. <i>ACS Sensors</i> , 2016, 1, 32-39.	7.8	69
10	Local-circuit phenotypes of layer 5 neurons in motor-frontal cortex of YFP-H mice. <i>Frontiers in Neural Circuits</i> , 2008, 2, 6.	2.8	67
11	Schizophrenia research participants' responses to protocol safeguards: recruitment, consent, and debriefing. <i>Schizophrenia Research</i> , 2004, 67, 283-291.	2.0	47
12	Interaction between CFTR and prestin (SLC26A5). <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2010, 1798, 1029-1040.	2.6	41
13	Cell-specific gain modulation by synaptically released zinc in cortical circuits of audition. <i>ELife</i> , 2017, 6, .	6.0	38
14	Cell-Specific Activity-Dependent Fractionation of Layer 2/3 α 5B Excitatory Signaling in Mouse Auditory Cortex. <i>Journal of Neuroscience</i> , 2015, 35, 3112-3123.	3.6	37
15	Cell-Specific Cholinergic Modulation of Excitability of Layer 5B Principal Neurons in Mouse Auditory Cortex. <i>Journal of Neuroscience</i> , 2016, 36, 8487-8499.	3.6	32
16	Fine Control of Sound Frequency Tuning and Frequency Discrimination Acuity by Synaptic Zinc Signaling in Mouse Auditory Cortex. <i>Journal of Neuroscience</i> , 2019, 39, 854-865.	3.6	26
17	Tonic zinc inhibits spontaneous firing in dorsal cochlear nucleus principal neurons by enhancing glycinergic neurotransmission. <i>Neurobiology of Disease</i> , 2015, 81, 14-19.	4.4	25
18	A Chimera Analysis of <i>Prestin</i> Knock-Out Mice. <i>Journal of Neuroscience</i> , 2009, 29, 12000-12008.	3.6	15

#	ARTICLE	IF	CITATIONS
19	Identifying components of the hair-cell interactome involved in cochlear amplification. BMC Genomics, 2009, 10, 127.	2.8	12
20	Isolation of outer hair cells from the cochlear sensory epithelium in whole-mount preparation using laser capture microdissection. Journal of Neuroscience Methods, 2007, 162, 229-236.	2.5	9