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	Fine Control of Sound Frequency Tuning and Frequency Discrimination Acuity by Synaptic Zinc Signaling in Mouse Auditory Cortex. Journal of Neuroscience, 2019, 39, 854-865.	3.6	26
2	Cell-specific gain modulation by synaptically released zinc in cortical circuits of audition. ELife, 2017, 6, .	6.0	38
3	Cell-Specific Cholinergic Modulation of Excitability of Layer 5B Principal Neurons in Mouse Auditory Cortex. Journal of Neuroscience, 2016, 36, 8487-8499.	3.6	32
4	Reaction-Based Probes for Imaging Mobile Zinc in Live Cells and Tissues. ACS Sensors, 2016, 1, 32-39.	7.8	69
5	Modulation of extrasynaptic NMDA receptors by synaptic and tonic zinc. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, E2705-14.	7.1	109
6	AMPA receptor inhibition by synaptically released zinc. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 15749-15754.	7.1	101
7	Cell-Specific Activity-Dependent Fractionation of Layer 2/3â†'5B Excitatory Signaling in Mouse Auditory Cortex. Journal of Neuroscience, 2015, 35, 3112-3123.	3.6	37
8	Tonic zinc inhibits spontaneous firing in dorsal cochlear nucleus principal neurons by enhancing glycinergic neurotransmission. Neurobiology of Disease, 2015, 81, 14-19.	4.4	25
9	Synaptic Zn²⁺Inhibits Neurotransmitter Release by Promoting Endocannabinoid Synthesis. Journal of Neuroscience, 2013, 33, 9259-9272.	3.6	73
10	An Autism-Associated Variant of Epac2 Reveals a Role for Ras/Epac2 Signaling in Controlling Basal Dendrite Maintenance in Mice. PLoS Biology, 2012, 10, e1001350.	5.6	73
11	Circuit-Specific Intracortical Hyperconnectivity in Mice with Deletion of the Autism-AssociatedMetReceptor Tyrosine Kinase. Journal of Neuroscience, 2011, 31, 5855-5864.	3.6	98
12	Sublayer-specific microcircuits of corticospinal and corticostriatal neurons in motor cortex. Nature Neuroscience, 2010, 13, 739-744.	14.8	239
13	Interaction between CFTR and prestin (SLC26A5). Biochimica Et Biophysica Acta - Biomembranes, 2010, 1798, 1029-1040.	2.6	41
14	A Chimera Analysis ofPrestinKnock-Out Mice. Journal of Neuroscience, 2009, 29, 12000-12008.	3.6	15
15	Identifying components of the hair-cell interactome involved in cochlear amplification. BMC Genomics, 2009, 10, 127.	2.8	12
16	Prestin-Based Outer Hair Cell Motility Is Necessary for Mammalian Cochlear Amplification. Neuron, 2008, 58, 333-339.	8.1	333
17	Local-circuit phenotypes of layer 5 neurons in motor-frontal cortex of YFP-H mice. Frontiers in Neural Circuits, 2008, 2, 6.	2.8	67
18	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

#	Article	IF	Citations
19	Analysis of the Oligomeric Structure of the Motor Protein Prestin. Journal of Biological Chemistry, 2006, 281, 19916-19924.	3.4	94
20	Schizophrenia research participants' responses to protocol safeguards: recruitment, consent, and debriefing. Schizophrenia Research, 2004, 67, 283-291.	2.0	47