

Devon C Crawford

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

558
citations

759233

12
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

1010
citing authors

#	ARTICLE	IF	CITATIONS
1	The Major Brain Cholesterol Metabolite 24(S)-Hydroxycholesterol Is a Potent Allosteric Modulator of N-Methyl-D-Aspartate Receptors. <i>Journal of Neuroscience</i> , 2013, 33, 17290-17300.	3.6	204
2	Molecular Underpinnings of Synaptic Vesicle Pool Heterogeneity. <i>Traffic</i> , 2015, 16, 338-364.	2.7	56
3	Astrocyte-Derived Thrombospondins Mediate the Development of Hippocampal Presynaptic Plasticity <i>In Vitro</i> . <i>Journal of Neuroscience</i> , 2012, 32, 13100-13110.	3.6	51
4	Excitotoxicity Triggered by Neurobasal Culture Medium. <i>PLoS ONE</i> , 2011, 6, e25633.	2.5	40
5	Selective molecular impairment of spontaneous neurotransmission modulates synaptic efficacy. <i>Nature Communications</i> , 2017, 8, 14436.	12.8	39
6	Presynaptically Silent Synapses. <i>Neuroscientist</i> , 2012, 18, 216-223.	3.5	32
7	Presynaptic silencing is an endogenous neuroprotectant during excitotoxic insults. <i>Neurobiology of Disease</i> , 2011, 43, 516-525.	4.4	24
8	Comparative Effects of Heterologous TRPV1 and TRPM8 Expression in Rat Hippocampal Neurons. <i>PLoS ONE</i> , 2009, 4, e8166.	2.5	23
9	Loss of Doc2-Dependent Spontaneous Neurotransmission Augments Glutamatergic Synaptic Strength. <i>Journal of Neuroscience</i> , 2017, 37, 6224-6230.	3.6	22
10	Loss of Local Astrocyte Support Disrupts Action Potential Propagation and Glutamate Release Synchrony from Unmyelinated Hippocampal Axon Terminals <i>In Vitro</i> . <i>Journal of Neuroscience</i> , 2015, 35, 11105-11117.	3.6	19
11	Calcium-Independent Inhibitory G-Protein Signaling Induces Persistent Presynaptic Muting of Hippocampal Synapses. <i>Journal of Neuroscience</i> , 2011, 31, 979-991.	3.6	18
12	Framework for advancing rigorous research. <i>ELife</i> , 2020, 9, .	6.0	17
13	Differential Requirement for Protein Synthesis in Presynaptic Unmuting and Muting in Hippocampal Glutamate Terminals. <i>PLoS ONE</i> , 2012, 7, e51930.	2.5	7
14	Shake up conferences. <i>Nature</i> , 2017, 548, 153-154.	27.8	5
15	Hormonal Modulation of Two Coordinated Rhythmic Motor Patterns. <i>Journal of Neurophysiology</i> , 2010, 104, 654-664.	1.8	1