

Audrey Mercer

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

854
citations

567281

15
h-index

888059

17
g-index

20
all docs

20
docs citations

20
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of Neurons in the CA2 Subfield of the Adult Rat Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 7329-7338.	3.6	105
2	Electrical coupling between pyramidal cells in adult cortical regions. <i>Brain Cell Biology</i> , 2007, 35, 13-27.	3.2	104
3	Excitatory Connections Made by Presynaptic Cortico-Cortical Pyramidal Cells in Layer 6 of the Neocortex. <i>Cerebral Cortex</i> , 2005, 15, 1485-1496.	2.9	97
4	The physiological variability of channel density in hippocampal CA1 pyramidal cells and interneurons explored using a unified data-driven modeling workflow. <i>PLoS Computational Biology</i> , 2018, 14, e1006423.	3.2	91
5	Layer 6 Cortico-thalamic Pyramidal Cells Preferentially Innervate Interneurons and Generate Facilitating EPSPs. <i>Cerebral Cortex</i> , 2006, 16, 200-211.	2.9	86
6	Distribution of interneurons in the CA2 region of the rat hippocampus. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 104.	1.7	67
7	Target and temporal pattern selection at neocortical synapses. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2002, 357, 1781-1791.	4.0	45
8	Local circuitry involving parvalbumin ⁺ basket cells in the CA2 region of the hippocampus. <i>Hippocampus</i> , 2012, 22, 43-56.	1.9	41
9	Data-driven integration of hippocampal CA1 synaptic physiology <i>in silico</i> . <i>Hippocampus</i> , 2020, 30, 1129-1145.	1.9	38
10	Nerve Terminal GABA _A Receptors Activate Ca ²⁺ /Calmodulin-dependent Signaling to Inhibit Voltage-gated Ca ²⁺ Influx and Glutamate Release. <i>Journal of Biological Chemistry</i> , 2009, 284, 8726-8737.	3.4	35
11	GABA _A receptors can initiate the formation of functional inhibitory GABAergic synapses. <i>European Journal of Neuroscience</i> , 2013, 38, 3146-3158.	2.6	35
12	Protein Deimination Signatures in Plasma and Plasma-EVs and Protein Deimination in the Brain Vasculature in a Rat Model of Pre-Motor Parkinson's Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2743.	4.1	23
13	SP ⁺ SR interneurons: A novel class of neurones of the CA2 region of the hippocampus. <i>Hippocampus</i> , 2012, 22, 1758-1769.	1.9	20
14	Electrically coupled excitatory neurones in cortical regions. <i>Brain Research</i> , 2012, 1487, 192-197.	2.2	19
15	γ-Aminobutyric Acid Type A (GABA _A) Receptor Subunits Play a Direct Structural Role in Synaptic Contact Formation via Their N-terminal Extracellular Domains. <i>Journal of Biological Chemistry</i> , 2016, 291, 13926-13942.	3.4	19
16	Structural Changes Observed in the Piriform Cortex in a Rat Model of Pre-motor Parkinson's Disease. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 479.	3.7	14
17	Cornu Ammonis Regions' Antecedents of Cortical Layers?. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 83.	1.7	11
18	Biocytin Recovery and 3D Reconstructions of Filled Hippocampal CA2 Interneurons. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2

#	ARTICLE	IF	CITATIONS
19	Cover Image, Volume 30, Issue 11. Hippocampus, 2020, 30, C1.	1.9	0