

# 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	Cover Image, Volume 30, Issue 11. <i>Hippocampus</i> , 2020, 30, C1.	1.9	0
2	Data-driven integration of hippocampal <scp>CA1</scp> synaptic physiology <i>in silico</i>. <i>Hippocampus</i> , 2020, 30, 1129-1145.	1.9	38
3	Protein Deimination Signatures in Plasma and Plasma-EVs and Protein Deimination in the Brain Vasculature in a Rat Model of Pre-Motor Parkinsonâ€™s Disease. <i>International Journal of Molecular Sciences</i> , 2020, 21, 2743.	4.1	23
4	Biocytin Recovery and 3D Reconstructions of Filled Hippocampal CA2 Interneurons. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	2
5	Structural Changes Observed in the Piriform Cortex in a Rat Model of Pre-motor Parkinsonâ€™s Disease. <i>Frontiers in Cellular Neuroscience</i> , 2018, 12, 479.	3.7	14
6	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
7	Cornu Ammonis Regionsâ€™ Antecedents of Cortical Layers?. <i>Frontiers in Neuroanatomy</i> , 2017, 11, 83.	1.7	11
8	$\gamma$ -Aminobutyric Acid Type A (GABAA) 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
9	Distribution of interneurons in the CA2 region of the rat hippocampus. <i>Frontiers in Neuroanatomy</i> , 2014, 8, 104.	1.7	67
10	<scp>GABA<sub>A</sub></scp> receptors can initiate the formation of functional inhibitory <scp>GABA</scp>ergic synapses. <i>European Journal of Neuroscience</i> , 2013, 38, 3146-3158.	2.6	35
11	Electrically coupled excitatory neurones in cortical regions. <i>Brain Research</i> , 2012, 1487, 192-197.	2.2	19
12	SPâ€™SR interneurons: A novel class of neurones of the CA2 region of the hippocampus. <i>Hippocampus</i> , 2012, 22, 1758-1769.	1.9	20
13	Local circuitry involving parvalbuminâ€™positive basket cells in the CA2 region of the hippocampus. <i>Hippocampus</i> , 2012, 22, 43-56.	1.9	41
14	Nerve Terminal GABAA Receptors Activate Ca <sup>2+</sup> /Calmodulin-dependent Signaling to Inhibit Voltage-gated Ca <sup>2+</sup> Influx and Glutamate Release. <i>Journal of Biological Chemistry</i> , 2009, 284, 8726-8737.	3.4	35
15	Characterization of Neurons in the CA2 Subfield of the Adult Rat Hippocampus. <i>Journal of Neuroscience</i> , 2007, 27, 7329-7338.	3.6	105
16	Electrical coupling between pyramidal cells in adult cortical regions. <i>Brain Cell Biology</i> , 2007, 35, 13-27.	3.2	104
17	Layer 6 Cortico-thalamic Pyramidal Cells Preferentially Innervate Interneurons and Generate Facilitating EPSPs. <i>Cerebral Cortex</i> , 2006, 16, 200-211.	2.9	86
18	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

#	ARTICLE	IF	CITATIONS
19	Target and temporal pattern selection at neocortical synapses. Philosophical Transactions of the Royal Society B: Biological Sciences, 2002, 357, 1781-1791.	4.0	45