

Hannah Monyer

List of Publications by Year in descending order

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34
papers

3,602
citations

218677

26
h-index

377865

34
g-index

35
all docs

35
docs citations

35
times ranked

5250
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast synaptic inhibition promotes synchronized gamma oscillations in hippocampal interneuron networks. Proceedings of the National Academy of Sciences of the United States of America, 2002, 99, 13222-13227.	7.1	479
2	GABAergic Interneurons Shape the Functional Maturation of the Cortex. Neuron, 2013, 77, 388-405.	8.1	367
3	A Novel Network of Multipolar Bursting Interneurons Generates Theta Frequency Oscillations in Neocortex. Neuron, 2003, 38, 805-817.	8.1	288
4	Long-Range Projecting GABAergic Neurons Modulate Inhibition in Hippocampus and Entorhinal Cortex. Science, 2012, 335, 1506-1510.	12.6	287
5	<i>In Vivo</i> Labeling of Parvalbumin-Positive Interneurons and Analysis of Electrical Coupling in Identified Neurons. Journal of Neuroscience, 2002, 22, 7055-7064.	3.6	282
6	Neurogenesis and widespread forebrain migration of distinct GABAergic neurons from the postnatal subventricular zone. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 20994-20999.	7.1	234
7	The long and short of GABAergic neurons. Current Opinion in Neurobiology, 2013, 23, 179-186.	4.2	139
8	Local and Distant Input Controlling Excitation in Layer II of the Medial Entorhinal Cortex. Neuron, 2016, 89, 194-208.	8.1	138
9	Impaired path integration in mice with disrupted grid cell firing. Nature Neuroscience, 2018, 21, 81-91.	14.8	116
10	Signalling through AMPA receptors on oligodendrocyte precursors promotes myelination by enhancing oligodendrocyte survival. ELife, 2017, 6, .	6.0	111
11	Diazepam Binding Inhibitor Promotes Progenitor Proliferation in the Postnatal SVZ by Reducing GABA Signaling. Cell Stem Cell, 2012, 10, 76-87.	11.1	104
12	Emerging intersections between neuroscience and glioma biology. Nature Neuroscience, 2019, 22, 1951-1960.	14.8	99
13	Gamma oscillations in somatosensory cortex recruit prefrontal and descending serotonergic pathways in aversion and nociception. Nature Communications, 2019, 10, 983.	12.8	94
14	Increased subventricular zone-derived cortical neurogenesis after ischemic lesion. Experimental Neurology, 2010, 226, 90-99.	4.1	93
15	Distinct Corticostriatal GABAergic Neurons Modulate Striatal Output Neurons and Motor Activity. Cell Reports, 2017, 19, 1045-1055.	6.4	87
16	Coexpressed Auxiliary Subunits Exhibit Distinct Modulatory Profiles on AMPA Receptor Function. Neuron, 2014, 83, 601-615.	8.1	66
17	Connective Tissue Growth Factor Regulates Interneuron Survival and Information Processing in the Olfactory Bulb. Neuron, 2013, 79, 1136-1151.	8.1	65
18	Central Role of P2Y ₆ UDP Receptor in Arteriolar Myogenic Tone. Arteriosclerosis, Thrombosis, and Vascular Biology, 2016, 36, 1598-1606.	2.4	64

#	ARTICLE	IF	CITATIONS
19	Diazepam Binding Inhibitor Promotes Stem Cell Expansion Controlling Environment-Dependent Neurogenesis. <i>Neuron</i> , 2017, 94, 125-137.e5.	8.1	61
20	Subventricular Zone-Derived Neuroblasts Use Vasculature as a Scaffold to Migrate Radially to the Cortex in Neonatal Mice. <i>Cerebral Cortex</i> , 2012, 22, 2285-2296.	2.9	58
21	Diversity and function of corticopetal and corticofugal GABAergic projection neurons. <i>Nature Reviews Neuroscience</i> , 2020, 21, 499-515.	10.2	55
22	Target selectivity of septal cholinergic neurons in the medial and lateral entorhinal cortex. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E2644-E2652.	7.1	49
23	Impaired Path Integration and Grid Cell Spatial Periodicity in Mice Lacking GluA1-Containing AMPA Receptors. <i>Journal of Neuroscience</i> , 2014, 34, 6245-6259.	3.6	41
24	Serotonergic Projections Govern Postnatal Neuroblast Migration. <i>Neuron</i> , 2017, 94, 534-549.e9.	8.1	41
25	Neuronal signatures in cancer. <i>International Journal of Cancer</i> , 2020, 147, 3281-3291.	5.1	35
26	Downregulation of Sphingosine 1-Phosphate Receptor 1 Promotes the Switch from Tangential to Radial Migration in the OB. <i>Journal of Neuroscience</i> , 2015, 35, 13659-13672.	3.6	31
27	Deciphering the Contributions of CRH Receptors in the Brain and Pituitary to Stress-Induced Inhibition of the Reproductive Axis. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 305.	2.9	28
28	The transcription factor <i>Fezf2</i> directs the differentiation of neural stem cells in the subventricular zone toward a cortical phenotype. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2014, 111, 10726-10731.	7.1	24
29	Septal GABAergic inputs to CA1 govern contextual memory retrieval. <i>Science Advances</i> , 2020, 6, .	10.3	19
30	Age-Dependent Degeneration of Mature Dentate Gyrus Granule Cells Following NMDA Receptor Ablation. <i>Frontiers in Molecular Neuroscience</i> , 2015, 8, 87.	2.9	17
31	Electrotonic Coupling in the Pituitary Supports the Hypothalamic-Pituitary-Gonadal Axis in a Sex Specific Manner. <i>Frontiers in Molecular Neuroscience</i> , 2016, 9, 65.	2.9	14
32	Neurogenesis of medium spiny neurons in the nucleus accumbens continues into adulthood and is enhanced by pathological pain. <i>Molecular Psychiatry</i> , 2021, 26, 4616-4632.	7.9	9
33	Neurogenesis in the adult brain functionally contributes to the maintenance of chronic neuropathic pain. <i>Scientific Reports</i> , 2021, 11, 18549.	3.3	4
34	Inhibitory projections connecting the dentate gyri in the two hemispheres support spatial and contextual memory. <i>Cell Reports</i> , 2022, 39, 110831.	6.4	2