Anna V Molofsky

List of Publications by Year in Descending Order

32 papers	5,285 citations	22 h-index	36 g-index
36 ext. papers	6,776 ext. citations	22.2 avg, IF	5.79 L-index

#	Paper	IF	Citations
32	A type I interferon response defines a conserved microglial state required for effective neuronal phagocytosis. **2022**,		1
31	Regulatory T-cells inhibit microglia-induced pain hypersensitivity in female mice. *ELife*, **2021**, 10,	8.9	4
30	In situ and transcriptomic identification of microglia in synapse-rich regions of the developing zebrafish brain. *Nature Communications*, **2021**, 12, 5916	17.4	6
29	Genetically Encoded, pH-Sensitive mTFP1 Biosensor for Probing Lysosomal pH. *ACS Sensors*, **2021**, 6, 2168-2180	9.2	10
28	Reactive astrocyte nomenclature, definitions, and future directions. *Nature Neuroscience*, **2021**, 24, 312-325	25.5	298
27	Astrocyte-immune cell interactions in physiology and pathology. *Immunity*, **2021**, 54, 211-224	32.3	23
26	Mechanisms of astrocyte development **2020**, 807-827		0
25	Microglial Remodeling of the Extracellular Matrix Promotes Synapse Plasticity. *Cell*, **2020**, 182, 388-403.e15	36.2	121
24	Astrocytes and Microglia: In Sickness and in Health. *Trends in Neurosciences*, **2020**, 43, 144-154	13.3	125
23	Location, Location, Location: Transcriptional Control of Astrocyte Heterogeneity. *Trends in Immunology*, **2020**, 41, 753-755	14.4	0
22	Circuit and molecular architecture of a ventral hippocampal network. *Nature Neuroscience*, **2020**, 23, 1444-1452	25.5	17
21	The immune system and psychiatric disease: a basic science perspective. *Clinical and Experimental Immunology*, **2019**, 197, 294-307	6.2	36
20	Adventitial Stromal Cells Define Group 2 Innate Lymphoid Cell Tissue Niches. *Immunity*, **2019**, 50, 707-722.e6	32.3	133
19	Demystifying Microglia: And Now the Work Begins. *Immunity*, **2019**, 50, 11-13	32.3	4
18	Kir4.1-Dependent Astrocyte-Fast Motor Neuron Interactions Are Required for Peak Strength. *Neuron*, **2018**, 98, 306-319.e7	13.9	55
17	Astrocyte-derived interleukin-33 promotes microglial synapse engulfment and neural circuit development. *Science*, **2018**, 359, 1269-1273	33.3	235
16	Variation among intact tissue samples reveals the core transcriptional features of human CNS cell classes. *Nature Neuroscience*, **2018**, 21, 1171-1184	25.5	93

List of Publications

15	Dynamism of an Astrocyte In Vivo: Perspectives on Identity and Function. *Annual Review of Physiology*, **2018**, 80, 143-157	23.1	30
14	Astrocyte development: A Guide for the Perplexed. *Glia*, **2015**, 63, 1320-9	9	157
13	Astrocyte-encoded positional cues maintain sensorimotor circuit integrity. *Nature*, **2014**, 509, 189-94	50.4	202
12	Expression profiling of Aldh1l1-precursors in the developing spinal cord reveals glial lineage-specific genes and direct Sox9-Nfe2l1 interactions. *Glia*, **2013**, 61, 1518-32	9	41
11	Regional astrocyte allocation regulates CNS synaptogenesis and repair. *Science*, **2012**, 337, 358-62	33.3	341
10	Astrocytes and disease: a neurodevelopmental perspective. *Genes and Development*, **2012**, 26, 891-907	12.6	447
9	Regulated temporal-spatial astrocyte precursor cell proliferation involves BRAF signalling in mammalian spinal cord. *Development (Cambridge)*, **2012**, 139, 2477-87	6.6	90
8	Bmi-1 over-expression in neural stem/progenitor cells increases proliferation and neurogenesis in culture but has little effect on these functions in vivo. *Developmental Biology*, **2009**, 328, 257-72	3.1	68
7	Increasing p16INK4a expression decreases forebrain progenitors and neurogenesis during ageing. *Nature*, **2006**, 443, 448-52	50.4	793
6	Stem cell self-renewal and cancer cell proliferation are regulated by common networks that balance the activation of proto-oncogenes and tumor suppressors. *Cold Spring Harbor Symposia on Quantitative Biology*, **2005**, 70, 177-85	3.9	104
5	Bmi-1 promotes neural stem cell self-renewal and neural development but not mouse growth and survival by repressing the p16Ink4a and p19Arf senescence pathways. *Genes and Development*, **2005**, 19, 1432-7	12.6	480
4	Diverse mechanisms regulate stem cell self-renewal. *Current Opinion in Cell Biology*, **2004**, 16, 700-7	9	257
3	Bmi-1 dependence distinguishes neural stem cell self-renewal from progenitor proliferation. *Nature*, **2003**, 425, 962-7	50.4	1107
2	In situ and transcriptomic identification of synapse-associated microglia in the developing zebrafish brain		2
1	Interleukin-33 coordinates a microglial phagocytic response and limits corticothalamic excitability and seizure susceptibility		1