

Dorothy P Schafer

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

6,742
citations

304602

22
h-index

552653

26
g-index

33
all docs

33
docs citations

33
times ranked

8691
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial transcriptomic reconstruction of the mouse olfactory glomerular map suggests principles of odor processing. <i>Nature Neuroscience</i> , 2022, 25, 484-492.	7.1	27
2	Whole-genome sequencing reveals that variants in the Interleukin 18 Receptor Accessory Protein 3â€™UTR protect against ALS. <i>Nature Neuroscience</i> , 2022, 25, 433-445.	7.1	16
3	<scp>CPEB1</scp> regulates the inflammatory immune response, phagocytosis, and alternative polyadenylation in microglia. <i>Glia</i> , 2022, 70, 1850-1863.	2.5	0
4	Diversity and Function of Glial Cell Types in Multiple Sclerosis. <i>Trends in Immunology</i> , 2021, 42, 228-247.	2.9	41
5	Mechanisms governing activity-dependent synaptic pruning in the developing mammalian CNS. <i>Nature Reviews Neuroscience</i> , 2021, 22, 657-673.	4.9	149
6	A lymphocyteâ€“microgliaâ€“astrocyte axis in chronic active multiple sclerosis. <i>Nature</i> , 2021, 597, 709-714.	13.7	307
7	IL-6 boosts synaptogenesis STAT!. <i>Immunity</i> , 2021, 54, 2444-2446.	6.6	2
8	Targeted Complement Inhibition at Synapses Prevents Microglial Synaptic Engulfment and Synapse Loss in Demyelinating Disease. <i>Immunity</i> , 2020, 52, 167-182.e7.	6.6	244
9	Chronic alcohol-induced neuroinflammation involves CCR2/5-dependent peripheral macrophage infiltration and microglia alterations. <i>Journal of Neuroinflammation</i> , 2020, 17, 296.	3.1	32
10	A Developmental Analysis of Juxtavascular Microglia Dynamics and Interactions with the Vasculature. <i>Journal of Neuroscience</i> , 2020, 40, 6503-6521.	1.7	82
11	Neuronal vulnerability and multilineage diversity in multiple sclerosis. <i>Nature</i> , 2019, 573, 75-82.	13.7	385
12	Sensory lesioning induces microglial synapse elimination via ADAM10 and fractalkine signaling. <i>Nature Neuroscience</i> , 2019, 22, 1075-1088.	7.1	207
13	Transforming growth factorâ€”beta renders ageing microglia inhibitory to oligodendrocyte generation by CNS progenitors. <i>Glia</i> , 2019, 67, 1374-1384.	2.5	32
14	Complement Targets Newborn Retinal Ganglion Cells for Phagocytic Elimination by Microglia. <i>Journal of Neuroscience</i> , 2019, 39, 2025-2040.	1.7	78
15	Roles of microglia in nervous system development, plasticity, and disease. <i>Developmental Neurobiology</i> , 2018, 78, 559-560.	1.5	38
16	A microglia-cytokine axis to modulate synaptic connectivity and function. <i>Current Opinion in Neurobiology</i> , 2017, 47, 138-145.	2.0	79
17	Microglia: Architects of the Developing Nervous System. <i>Trends in Cell Biology</i> , 2016, 26, 587-597.	3.6	264
18	Microglia contribute to circuit defects in <i>Mecp2</i> null mice independent of microglia-specific loss of <i>Mecp2</i> expression. <i>ELife</i> , 2016, 5, .	2.8	117

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19	Microglia Function in Central Nervous System Development and Plasticity. Cold Spring Harbor Perspectives in Biology, 2015, 7, a020545.	2.3	264
20	Brains, Blood, and Guts: MeCP2 Regulates Microglia, Monocytes, and Peripheral Macrophages. Immunity, 2015, 42, 600-602.	6.6	14
21	Neuroinflammation: Ways in Which the Immune System Affects the Brain. Neurotherapeutics, 2015, 12, 896-909.	2.1	170
22	Removable cranial windows for long-term imaging in awake mice. Nature Protocols, 2014, 9, 2515-2538.	5.5	336
23	An Engulfment Assay: A Protocol to Assess Interactions Between CNS Phagocytes and Neurons. Journal of Visualized Experiments, 2014, , .	0.2	90
24	The "equatorial" synapse: Microglia-synapse interactions in the developing and mature CNS. Glia, 2013, 61, 24-36.	2.5	458
25	Phagocytic glial cells: sculpting synaptic circuits in the developing nervous system. Current Opinion in Neurobiology, 2013, 23, 1034-1040.	2.0	153
26	Microglia Sculpt Postnatal Neural Circuits in an Activity and Complement-Dependent Manner. Neuron, 2012, 74, 691-705.	3.8	3,040
27	Synapse elimination during development and disease: immune molecules take centre stage. Biochemical Society Transactions, 2010, 38, 476-481.	1.6	113