

Ilia D Vainchtein

List of Publications by Year in Descending Order

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Version: 2024-04-28

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

17
papers

1,129
citations

12
h-index

18
g-index

18
ext. papers

1,729
ext. citations

16.1
avg, IF

4.89
L-index

#	Paper	IF	Citations
17	A type I interferon response defines a conserved microglial state required for effective neuronal phagocytosis. 2022,		1
16	Regulatory T-cells inhibit microglia-induced pain hypersensitivity in female mice. <i>ELife</i> , 2021 , 10,	8.9	4
15	In situ and transcriptomic identification of microglia in synapse-rich regions of the developing zebrafish brain. <i>Nature Communications</i> , 2021 , 12, 5916	17.4	6
14	Regionally diverse astrocyte subtypes and their heterogeneous response to EAE. <i>Glia</i> , 2021 , 69, 1140-1154		12
13	Microglial Remodeling of the Extracellular Matrix Promotes Synapse Plasticity. <i>Cell</i> , 2020 , 182, 388-403.e152	15.2	121
12	Astrocytes and Microglia: In Sickness and in Health. <i>Trends in Neurosciences</i> , 2020 , 43, 144-154	13.3	125
11	Rapid deployment of SARS-CoV-2 testing: The CLIAHUB. <i>PLoS Pathogens</i> , 2020 , 16, e1008966	7.6	15
10	Circuit and molecular architecture of a ventral hippocampal network. <i>Nature Neuroscience</i> , 2020 , 23, 1444-1452	25.5	17
9	Astrocyte-derived interleukin-33 promotes microglial synapse engulfment and neural circuit development. <i>Science</i> , 2018 , 359, 1269-1273	33.3	235
8	Isolation of Microglia and Immune Infiltrates from Mouse and Primate Central Nervous System. <i>Methods in Molecular Biology</i> , 2017 , 1559, 333-342	1.4	31
7	Transcriptomic analysis of purified human cortical microglia reveals age-associated changes. <i>Nature Neuroscience</i> , 2017 , 20, 1162-1171	25.5	358
6	Survival and Functionality of Human Induced Pluripotent Stem Cell-Derived Oligodendrocytes in a Nonhuman Primate Model for Multiple Sclerosis. <i>Stem Cells Translational Medicine</i> , 2016 , 5, 1550-1561	6.9	44
5	Microglia are less pro-inflammatory than myeloid infiltrates in the hippocampus of mice exposed to status epilepticus. <i>Glia</i> , 2016 , 64, 1350-62	9	41
4	Glia Open Access Database (GOAD): A comprehensive gene expression encyclopedia of glia cells in health and disease. <i>Glia</i> , 2015 , 63, 1495-506	9	45
3	In acute experimental autoimmune encephalomyelitis, infiltrating macrophages are immune activated, whereas microglia remain immune suppressed. <i>Glia</i> , 2014 , 62, 1724-35	9	71
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

