

Lior Mayo

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3016119/publications.pdf>

Version: 2024-02-01

22
papers

3,490
citations

430874

18
h-index

713466

21
g-index

24
all docs

24
docs citations

24
times ranked

7054
citing authors

#	ARTICLE	IF	CITATIONS
1	Type I interferons and microbial metabolites of tryptophan modulate astrocyte activity and central nervous system inflammation via the aryl hydrocarbon receptor. <i>Nature Medicine</i> , 2016, 22, 586-597.	30.7	987
2	RIPK1 mediates axonal degeneration by promoting inflammation and necroptosis in ALS. <i>Science</i> , 2016, 353, 603-608.	12.6	448
3	Regulation of astrocyte activation by glycolipids drives chronic CNS inflammation. <i>Nature Medicine</i> , 2014, 20, 1147-1156.	30.7	380
4	Control of tumor-associated macrophages and T cells in glioblastoma via AHR and CD39. <i>Nature Neuroscience</i> , 2019, 22, 729-740.	14.8	327
5	IL-27 acts on DCs to suppress the T cell response and autoimmunity by inducing expression of the immunoregulatory molecule CD39. <i>Nature Immunology</i> , 2013, 14, 1054-1063.	14.5	294
6	Dissection of Influenza Infection In Vivo by Single-Cell RNA Sequencing. <i>Cell Systems</i> , 2018, 6, 679-691.e4.	6.2	165
7	The innate immune system in demyelinating disease. <i>Immunological Reviews</i> , 2012, 248, 170-187.	6.0	157
8	Metabolic Control of Astrocyte Pathogenic Activity via cPLA2-MAVS. <i>Cell</i> , 2019, 179, 1483-1498.e22.	28.9	120
9	Cell composition analysis of bulk genomics using single-cell data. <i>Nature Methods</i> , 2019, 16, 327-332.	19.0	94
10	IL-10-dependent Tr1 cells attenuate astrocyte activation and ameliorate chronic central nervous system inflammation. <i>Brain</i> , 2016, 139, 1939-1957.	7.6	87
11	Dual Role of CD38 in Microglial Activation and Activation-Induced Cell Death. <i>Journal of Immunology</i> , 2008, 181, 92-103.	0.8	85
12	Impaired glutamate recycling and GluN2B-mediated neuronal calcium overload in mice lacking TGF β 1 in the CNS. <i>Glia</i> , 2013, 61, 985-1002.	4.9	56
13	Acute microglia ablation induces neurodegeneration in the somatosensory system. <i>Nature Communications</i> , 2018, 9, 4578.	12.8	55
14	CD38 deficiency in the tumor microenvironment attenuates glioma progression and modulates features of tumor-associated microglia/macrophages. <i>Neuro-Oncology</i> , 2012, 14, 1037-1049.	1.2	47
15	Reduced Folate Carrier Gene Silencing in Multiple Antifolate-resistant Tumor Cell Lines Is Due to a Simultaneous Loss of Function of Multiple Transcription Factors but Not Promoter Methylation. <i>Journal of Biological Chemistry</i> , 2004, 279, 374-384.	3.4	46
16	CD38 Facilitates Recovery from Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 2009, 26, 1521-1533.	3.4	40
17	Prophylactic TLR9 stimulation reduces brain metastasis through microglia activation. <i>PLoS Biology</i> , 2019, 17, e2006859.	5.6	40
18	Characterization of LPS and interferon- β triggered activation-induced cell death in N9 and primary microglial cells: induction of the mitochondrial gateway by nitric oxide. <i>Cell Death and Differentiation</i> , 2007, 14, 183-186.	11.2	37

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19	Bid regulates the immunological profile of murine microglia and macrophages. <i>Glia</i> , 2011, 59, 397-412.	4.9	9
20	Blood glutamate scavengers increase pro-apoptotic signaling and reduce metastatic melanoma growth in-vivo. <i>Scientific Reports</i> , 2021, 11, 14644.	3.3	3
21	IL-27 acts on DCs to suppress CNS autoimmunity by inducing CD39 expression. <i>Journal of Neuroimmunology</i> , 2014, 275, 88.	2.3	0
22	CD38 Facilitates Recovery from Traumatic Brain Injury. <i>Journal of Neurotrauma</i> , 0, , 110715061803001.	3.4	0