

Tommy Regen

List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

4,596
citations

186265

28
h-index

243625

44
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46
all docs

46
docs citations

46
times ranked

8665
citing authors

#	ARTICLE	IF	CITATIONS
1	Selective transfer of exosomes from oligodendrocytes to microglia by macropinocytosis. <i>Journal of Cell Science</i> , 2011, 124, 447-458.	2.0	660
2	Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. <i>Immunity</i> , 2015, 43, 92-106.	14.3	506
3	Manipulation of Host Hepatocytes by the Malaria Parasite for Delivery into Liver Sinusoids. <i>Science</i> , 2006, 313, 1287-1290.	12.6	441
4	Locus ceruleus controls Alzheimer's disease pathology by modulating microglial functions through norepinephrine. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 6058-6063.	7.1	408
5	Trans-presentation of IL-6 by dendritic cells is required for the priming of pathogenic TH17 cells. <i>Nature Immunology</i> , 2017, 18, 74-85.	14.5	311
6	The role of IL-17 in CNS diseases. <i>Acta Neuropathologica</i> , 2015, 129, 625-637.	7.7	254
7	Microglia promote colonization of brain tissue by breast cancer cells in a Wnt-dependent way. <i>Glia</i> , 2010, 58, 1477-1489.	4.9	184
8	Meningeal $\gamma\delta$ T cell-derived IL-17 controls synaptic plasticity and short-term memory. <i>Science Immunology</i> , 2019, 4, .	11.9	184
9	TLR4-activated microglia require IFN- γ to induce severe neuronal dysfunction and death in situ. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 212-217.	7.1	160
10	Reduced astrocytic NF- κ B activation by laquinimod protects from cuprizone-induced demyelination. <i>Acta Neuropathologica</i> , 2012, 124, 411-424.	7.7	142
11	Toll-Like Receptor Stimulation Enhances Phagocytosis and Intracellular Killing of Nonencapsulated and Encapsulated <i>Streptococcus pneumoniae</i> by Murine Microglia. <i>Infection and Immunity</i> , 2010, 78, 865-871.	2.2	128
12	T Cell-Dependence of Lassa Fever Pathogenesis. <i>PLoS Pathogens</i> , 2010, 6, e1000836.	4.7	89
13	Histone deacetylase inhibitors suppress immune activation in primary mouse microglia. <i>Journal of Neuroscience Research</i> , 2013, 91, 1133-1142.	2.9	88
14	Toll-like receptor activation reveals developmental reorganization and unmasks responder subsets of microglia. <i>Glia</i> , 2012, 60, 1930-1943.	4.9	85
15	IL-4 Receptor Alpha Signaling through Macrophages Differentially Regulates Liver Fibrosis Progression and Reversal. <i>EBioMedicine</i> , 2018, 29, 92-103.	6.1	81
16	Toll-Like Receptor Prestimulation Increases Phagocytosis of <i>Escherichia coli</i> DH5 α and <i>Escherichia coli</i> K1 Strains by Murine Microglial Cells. <i>Infection and Immunity</i> , 2009, 77, 557-564.	2.2	70
17	CD14 is a key organizer of microglial responses to CNS infection and injury. <i>Glia</i> , 2016, 64, 635-649.	4.9	69
18	IL-17 controls central nervous system autoimmunity through the intestinal microbiome. <i>Science Immunology</i> , 2021, 6, .	11.9	67

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19	Inflammatory cytokine release of astrocytes in vitro is reduced by all-trans retinoic acid. <i>Journal of Neuroimmunology</i> , 2010, 229, 169-179.	2.3	65
20	CD14 and TRIF govern distinct responsiveness and responses in mouse microglial TLR4 challenges by structural variants of LPS. <i>Brain, Behavior, and Immunity</i> , 2011, 25, 957-970.	4.1	50
21	IL-1 signaling is critical for expansion but not generation of autoreactive GM-CSF ⁺ Th17 cells. <i>EMBO Journal</i> , 2017, 36, 102-115.	7.8	50
22	Microbiota-derived tryptophan metabolites in vascular inflammation and cardiovascular disease. <i>Amino Acids</i> , 2022, 54, 1339-1356.	2.7	50
23	Interleukin-1 promotes autoimmune neuroinflammation by suppressing endothelial heme oxygenase-1 at the blood-brain barrier. <i>Acta Neuropathologica</i> , 2020, 140, 549-567.	7.7	47
24	Inflammatory chemokine release of astrocytes in vitro is reduced by all-trans retinoic acid. <i>Journal of Neurochemistry</i> , 2010, 114, 1511-1526.	3.9	40
25	TGF- β 2 inhibitor Smad7 regulates dendritic cell-induced autoimmunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E1480-E1489.	7.1	37
26	IFN- γ -Producing CD4+ T Cells Promote Generation of Protective Germinal Center-Derived IgM+ B Cell Memory against <i>Salmonella</i> Typhi. <i>Journal of Immunology</i> , 2014, 192, 5192-5200.	0.8	35
27	Resistance of the Brain to <i>Escherichia coli</i> K1 Infection Depends on MyD88 Signaling and the Contribution of Neutrophils and Monocytes. <i>Infection and Immunity</i> , 2013, 81, 1810-1819.	2.2	34
28	The viral TLR3 agonist poly(I:C) stimulates phagocytosis and intracellular killing of <i>Escherichia coli</i> by microglial cells. <i>Neuroscience Letters</i> , 2010, 482, 17-20.	2.1	30
29	Tyrphostin AG126 exerts neuroprotection in CNS inflammation by a dual mechanism. <i>Glia</i> , 2015, 63, 1083-1099.	4.9	29
30	Alternative Splice Forms of CYLD Mediate Ubiquitination of SMAD7 to Prevent TGF β Signaling and Promote Colitis. <i>Gastroenterology</i> , 2019, 156, 692-707.e7.	1.3	24
31	Expression of IL-17F is associated with non-pathogenic Th17 cells. <i>Journal of Molecular Medicine</i> , 2018, 96, 819-829.	3.9	21
32	A new clinically relevant approach to expand myelin specific T cells. <i>Journal of Immunological Methods</i> , 2006, 310, 53-61.	1.4	20
33	A presumed antagonistic LPS identifies distinct functional organization of TLR4 in mouse microglia. <i>Glia</i> , 2017, 65, 1176-1185.	4.9	20
34	Fibronectin stimulates <i>Escherichia coli</i> phagocytosis by microglial cells. <i>Glia</i> , 2010, 58, 367-376.	4.9	18
35	The nucleotide-binding oligomerization domain-containing-2 ligand muramyl dipeptide enhances phagocytosis and intracellular killing of <i>Escherichia coli</i> K1 by Toll-like receptor agonists in microglial cells. <i>Journal of Neuroimmunology</i> , 2012, 252, 16-23.	2.3	15
36	Interferon- β -Driven iNOS: A Molecular Pathway to Terminal Shock in Arenavirus Hemorrhagic Fever. <i>Cell Host and Microbe</i> , 2017, 22, 354-365.e5.	11.0	14

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37	RNase H2 Loss in Murine Astrocytes Results in Cellular Defects Reminiscent of Nucleic Acid-Mediated Autoinflammation. <i>Frontiers in Immunology</i> , 2018, 9, 587.	4.8	14
38	CD4+ T-cell-derived IL-10 promotes CNS inflammation in mice by sustaining effector T cell survival. <i>Cell Reports</i> , 2022, 38, 110565.	6.4	14
39	Generation of a Novel T Cell Specific Interleukin-1 Receptor Type 1 Conditional Knock Out Mouse Reveals Intrinsic Defects in Survival, Expansion and Cytokine Production of CD4 T Cells. <i>PLoS ONE</i> , 2016, 11, e0161505.	2.5	12
40	Empty liposomes induce antitumoral effects associated with macrophage responses distinct from those of the TLR1/2 agonist Pam3CSK4 (BLP). <i>Cancer Immunology, Immunotherapy</i> , 2013, 62, 1587-1597.	4.2	9
41	IL-17A/F in <i>Leishmania major</i> -resistant C57BL/6 mice. <i>Experimental Dermatology</i> , 2019, 28, 321-323.	2.9	8
42	Modeling a complex disease: Multiple sclerosis—Update 2020. <i>Advances in Immunology</i> , 2021, 149, 25-34.	2.2	7
43	Microglia are unique tissue phagocytes with high self-renewing capacity. <i>Journal of Neuroimmunology</i> , 2014, 275, 82.	2.3	1
44	A new model for primary-progressive multiple sclerosis?. <i>Acta Neuropathologica</i> , 2013, 126, 519-521.	7.7	0
45	Meningeal T Cells Impact on Cognition in Health and Disease. <i>Biological Psychiatry</i> , 2021, 89, S64-S65.	1.3	0