Katrin Kierdorf

List of Publications by Year
in descending order

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Version: 2024-02-01

35 papers	7,478 citations	257101 24 h-index	395343 33 g-index
39 all docs	39 docs citations	39 times ranked	10911 citing authors

#	Article	IF	Citations
1	Microglia contribute to the propagation of Aî² into unaffected brain tissue. Nature Neuroscience, 2022, 25, 20-25.	7.1	89
2	Specification of CNS macrophage subsets occurs postnatally in defined niches. Nature, 2022, 604, 740-748.	13.7	107
3	Paradoxical immunodeficienciesâ€"When failures of innate immunity cause immunopathology. European Journal of Immunology, 2022, 52, 1419-1430.	1.6	3
4	Perinatal development of innate immune topology. ELife, 2021, 10, .	2.8	19
5	Editorial: Deciphering Phagocyte Functions Across Different Species. Frontiers in Cell and Developmental Biology, 2021, 9, 712929.	1.8	0
6	The role of interferon regulatory factor 8 for retinal tissue homeostasis and development of choroidal neovascularisation. Journal of Neuroinflammation, 2021, 18, 215.	3.1	10
7	Origin and Differentiation of Nerve-Associated Macrophages. Journal of Immunology, 2020, 204, 271-279.	0.4	57
8	CNS Macrophages and Infant Infections. Frontiers in Immunology, 2020, 11, 2123.	2.2	7
9	Novel Hexb-based tools for studying microglia in the CNS. Nature Immunology, 2020, 21, 802-815.	7.0	186
10	Muscle function and homeostasis require cytokine inhibition of AKT activity in Drosophila. ELife, 2020, 9, .	2.8	17
11	Macrophages at CNS interfaces: ontogeny and function in health andÂdisease. Nature Reviews Neuroscience, 2019, 20, 547-562.	4.9	250
12	Microglia: Same same, but different. Journal of Experimental Medicine, 2019, 216, 2223-2225.	4.2	13
13	fs(1)h controls metabolic and immune function and enhances survival via AKT and FOXO in Drosophila. DMM Disease Models and Mechanisms, 2019, 12, .	1.2	14
14	The neuronal S100B protein is a calcium-tuned suppressor of amyloid-Î² aggregation. Science Advances, 2018, 4, eaaq1702.	4.7	49
15	Regulation of phagocyte triglyceride by a STAT-ATG2 pathway controls mycobacterial infection. Nature Communications, 2017, 8, 14642.	5.8	55
16	Microglia in steady state. Journal of Clinical Investigation, 2017, 127, 3201-3209.	3.9	212
17	Origin, fate and dynamics of macrophages at central nervous system interfaces. Nature Immunology, 2016, 17, 797-805.	7.0	872
18	The Software and Hardware of Macrophages: A Diversity of Options. Developmental Cell, 2016, 38, 122-125.	3.1	6

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19	Transcriptomeâ€based profiling of yolk sacâ€derived macrophages reveals a role for Irf8 in macrophage maturation. EMBO Journal, 2016, 35, 1730-1744.	3.5	108
20	Development and function of tissue resident macrophages in mice. Seminars in Immunology, 2015, 27, 369-378.	2.7	79
21	Macrophage-Derived upd3 Cytokine Causes Impaired Glucose Homeostasis and Reduced Lifespan in Drosophila Fed a Lipid-Rich Diet. Immunity, 2015, 42, 133-144.	6.6	148
22	<scp>USP</scp> 18 lack in microglia causes destructive interferonopathy of the mouse brain. EMBO Journal, 2015, 34, 1612-1629.	3.5	178
23	Regulation of Experimental Autoimmune Encephalomyelitis by TPL-2 Kinase. Journal of Immunology, 2014, 192, 3518-3529.	0.4	39
24	RAGE regulation and signaling in inflammation and beyond. Journal of Leukocyte Biology, 2013, 94, 55-68.	1.5	336
25	A new type of microglia gene targeting shows TAK1 to be pivotal in CNS autoimmune inflammation. Nature Neuroscience, 2013, 16, 1618-1626.	7.1	574
26	Microglia emerge from erythromyeloid precursors via Pu.1- and Irf8-dependent pathways. Nature Neuroscience, 2013, 16, 273-280.	7.1	1,121
27	Factors regulating microglia activation. Frontiers in Cellular Neuroscience, 2013, 7, 44.	1.8	286
28	Bone Marrow Cell Recruitment to the Brain in the Absence of Irradiation or Parabiosis Bias. PLoS ONE, 2013, 8, e58544.	1.1	127
29	Cytosolic RIG-Iâ€“like helicases act as negative regulators of sterile inflammation in the CNS. Nature Neuroscience, 2012, 15, 98-106.	7.1	60
30	A Lineage of Myeloid Cells Independent of Myb and Hematopoietic Stem Cells. Science, 2012, 336, 86-90.	6.0	2,084
31	Distinct and Non-Redundant Roles of Microglia and Myeloid Subsets in Mouse Models of Alzheimer's Disease. Journal of Neuroscience, 2011, 31, 11159-11171.	1.7	286
32	Microglial precursors derived from mouse embryonic stem cells. Glia, 2009, 57, 1660-1671.	2.5	43
33	Immune-Mediated CNS Damage. Results and Problems in Cell Differentiation, 2009, 51, 173-196.	0.2	27
34	Microglia in a Dishâ€”Which Techniques Are on the Menu for Functional Studies?. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	6
35	The Shape of Î¼â€”How Morphological Analyses Shape the Study of Microglia. Frontiers in Cellular Neuroscience, 0, 16, .	1.8	3