

# 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	A Lineage of Myeloid Cells Independent of Myb and Hematopoietic Stem Cells. <i>Science</i> , 2012, 336, 86-90.	6.0	2,084
2	Microglia emerge from erythromyeloid precursors via Pu.1- and Irf8-dependent pathways. <i>Nature Neuroscience</i> , 2013, 16, 273-280.	7.1	1,121
3	Origin, fate and dynamics of macrophages at central nervous system interfaces. <i>Nature Immunology</i> , 2016, 17, 797-805.	7.0	872
4	A new type of microglia gene targeting shows TAK1 to be pivotal in CNS autoimmune inflammation. <i>Nature Neuroscience</i> , 2013, 16, 1618-1626.	7.1	574
5	RAGE regulation and signaling in inflammation and beyond. <i>Journal of Leukocyte Biology</i> , 2013, 94, 55-68.	1.5	336
6	Distinct and Non-Redundant Roles of Microglia and Myeloid Subsets in Mouse Models of Alzheimer's Disease. <i>Journal of Neuroscience</i> , 2011, 31, 11159-11171.	1.7	286
7	Factors regulating microglia activation. <i>Frontiers in Cellular Neuroscience</i> , 2013, 7, 44.	1.8	286
8	Macrophages at CNS interfaces: ontogeny and function in health and disease. <i>Nature Reviews Neuroscience</i> , 2019, 20, 547-562.	4.9	250
9	Microglia in steady state. <i>Journal of Clinical Investigation</i> , 2017, 127, 3201-3209.	3.9	212
10	Novel Hexb-based tools for studying microglia in the CNS. <i>Nature Immunology</i> , 2020, 21, 802-815.	7.0	186
11	<scp>USP</scp> 18 lack in microglia causes destructive interferonopathy of the mouse brain. <i>EMBO Journal</i> , 2015, 34, 1612-1629.	3.5	178
12	Macrophage-Derived upd3 Cytokine Causes Impaired Glucose Homeostasis and Reduced Lifespan in <i>Drosophila</i> Fed a Lipid-Rich Diet. <i>Immunity</i> , 2015, 42, 133-144.	6.6	148
13	Bone Marrow Cell Recruitment to the Brain in the Absence of Irradiation or Parabiosis Bias. <i>PLoS ONE</i> , 2013, 8, e58544.	1.1	127
14	Transcriptome-based profiling of yolk sac-derived macrophages reveals a role for Irf8 in macrophage maturation. <i>EMBO Journal</i> , 2016, 35, 1730-1744.	3.5	108
15	Specification of CNS macrophage subsets occurs postnatally in defined niches. <i>Nature</i> , 2022, 604, 740-748.	13.7	107
16	Microglia contribute to the propagation of A $\beta$ into unaffected brain tissue. <i>Nature Neuroscience</i> , 2022, 25, 20-25.	7.1	89
17	Development and function of tissue resident macrophages in mice. <i>Seminars in Immunology</i> , 2015, 27, 369-378.	2.7	79
18	Cytosolic RIG-I-like helicases act as negative regulators of sterile inflammation in the CNS. <i>Nature Neuroscience</i> , 2012, 15, 98-106.	7.1	60

#	ARTICLE	IF	CITATIONS
19	Origin and Differentiation of Nerve-Associated Macrophages. <i>Journal of Immunology</i> , 2020, 204, 271-279.	0.4	57
20	Regulation of phagocyte triglyceride by a STAT-ATG2 pathway controls mycobacterial infection. <i>Nature Communications</i> , 2017, 8, 14642.	5.8	55
21	The neuronal S100B protein is a calcium-tuned suppressor of amyloid- $\beta^2$ aggregation. <i>Science Advances</i> , 2018, 4, eaaq1702.	4.7	49
22	Microglial precursors derived from mouse embryonic stem cells. <i>Glia</i> , 2009, 57, 1660-1671.	2.5	43
23	Regulation of Experimental Autoimmune Encephalomyelitis by TPL-2 Kinase. <i>Journal of Immunology</i> , 2014, 192, 3518-3529.	0.4	39
24	Immune-Mediated CNS Damage. <i>Results and Problems in Cell Differentiation</i> , 2009, 51, 173-196.	0.2	27
25	Perinatal development of innate immune topology. <i>ELife</i> , 2021, 10, .	2.8	19
26	Muscle function and homeostasis require cytokine inhibition of AKT activity in <i>Drosophila</i> . <i>ELife</i> , 2020, 9, .	2.8	17
27	<i>fs(1)</i> controls metabolic and immune function and enhances survival via AKT and FOXO in <i>Drosophila</i> . <i>DMM Disease Models and Mechanisms</i> , 2019, 12, .	1.2	14
28	Microglia: Same same, but different. <i>Journal of Experimental Medicine</i> , 2019, 216, 2223-2225.	4.2	13
29	The role of interferon regulatory factor 8 for retinal tissue homeostasis and development of choroidal neovascularisation. <i>Journal of Neuroinflammation</i> , 2021, 18, 215.	3.1	10
30	CNS Macrophages and Infant Infections. <i>Frontiers in Immunology</i> , 2020, 11, 2123.	2.2	7
31	The Software and Hardware of Macrophages: A Diversity of Options. <i>Developmental Cell</i> , 2016, 38, 122-125.	3.1	6
32	Microglia in a Dish—Which Techniques Are on the Menu for Functional Studies?. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	6
33	Paradoxical immunodeficiencies—When failures of innate immunity cause immunopathology. <i>European Journal of Immunology</i> , 2022, 52, 1419-1430.	1.6	3
34	The Shape of It—How Morphological Analyses Shape the Study of Microglia. <i>Frontiers in Cellular Neuroscience</i> , 0, 16, .	1.8	3
35	Editorial: Deciphering Phagocyte Functions Across Different Species. <i>Frontiers in Cell and Developmental Biology</i> , 2021, 9, 712929.	1.8	0