Alexander Mildner

List of Publications by Year
in descending order

57 papers	13,704 citations	81900 39 h-index	138484 58 g-index
63 all docs	63 docs citations	63 times ranked	22693 citing authors

#	Article	IF	Citations
1	CSF2-dependent monocyte education in the pathogenesis of ANCA-induced glomerulonephritis. Annals of the Rheumatic Diseases, 2022, 81, 1162-1172.	0.9	10
2	Myeloid transformation by<i>MLL</i>-<i>ENL</i>depends strictly on C/EBP. Life Science Alliance, 2021, 4, e202000709.	2.8	5
3	C/EBPÎ²-Dependent Epigenetic Memory Induces Trained Immunity in Hematopoietic Stem Cells. Cell Stem Cell, 2020, 26, 657-674.e8.	11.1	180
4	Cxcl10+ monocytes define a pathogenic subset in the central nervous system during autoimmune neuroinflammation. Nature Immunology, 2020, 21, 525-534.	14.5	74
5	Editorial: Monocyte Heterogeneity and Function. Frontiers in Immunology, 2020, 11, 626725.	4.8	9
6	Mapping the lung. Science, 2019, 363, 1154-1155.	12.6	2
7	Extended device profiles and testing procedures for the approval process of integrated medical devices using the IEEE 11073 communication standard. Biomedizinische Technik, 2018, 63, 95-103.	0.8	9
8	Good things come in threes. Science Immunology, 2018, 3, .	11.9	3
9	Developmental and Functional Heterogeneity of Monocytes. Immunity, 2018, 49, 595-613.	14.3	609
10	Erythrocyte survival is controlled by microRNA-142. Haematologica, 2017, 102, 676-685.	3.5	33
11	Genomic Characterization of Murine Monocytes Reveals C/EBPÎ² Transcription Factor Dependence of Ly6C âˆ’ Cells. Immunity, 2017, 46, 849-862.e7.	14.3	233
12	MicroRNAâ€142 controls thymocyte proliferation. European Journal of Immunology, 2017, 47, 1142-1152.	2.9	29
13	Dicer Deficiency Differentially Impacts Microglia of the Developing and Adult Brain. Immunity, 2017, 46, 1030-1044.e8.	14.3	68
14	Autonomous TNF is critical for in vivo monocyte survival in steady state and inflammation. Journal of Experimental Medicine, 2017, 214, 905-917.	8.5	63
15	Rac1 functions downstream of miR-142 in regulation of erythropoiesis. Haematologica, 2017, 102, e476-e480.	3.5	9
16	P2Y₁₂receptor is expressed on human microglia under physiological conditions throughout development and is sensitive to neuroinflammatory diseases. Glia, 2017, 65, 375-387.	4.9	216
17	Murine Monocytes: Origins, Subsets, Fates, and Functions. , 2017, , 141-153.		2
18	Ghosts in the shell: identification of microglia in the human central nervous system by P2Y12 receptor. Neural Regeneration Research, 2017, 12, 570.	3.0	5

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19	Murine Monocytes: Origins, Subsets, Fates, and Functions. Microbiology Spectrum, 2016, 4, .	3.0	48
20	Tyrphostin AG126 exerts neuroprotection in CNS inflammation by a dual mechanism. Glia, 2015, 63, 1083-1099.	4.9	29
21	Device- and service profiles for integrated or systems based on open standards. Current Directions in Biomedical Engineering, 2015, 1, 538-542.	0.4	4
22	IL-23-mediated mononuclear phagocyte crosstalk protects mice from Citrobacter rodentium-induced colon immunopathology. Nature Communications, 2015, 6, 6525.	12.8	81
23	Macrophages: Development and Tissue Specialization. Annual Review of Immunology, 2015, 33, 643-675.	21.8	687
24	Transcriptional Heterogeneity and Lineage Commitment in Myeloid Progenitors. Cell, 2015, 163, 1663-1677.	28.9	875
25	Development of Device-and Service-Profiles for a Safe and Secure Interconnection of Medical Devices in the Integrated Open OR. Lecture Notes in Computer Science, 2015, , 65-74.	1.3	4
26	Massively Parallel Single-Cell RNA-Seq for Marker-Free Decomposition of Tissues into Cell Types. Science, 2014, 343, 776-779.	12.6	1,563
27	Development and Function of Dendritic Cell Subsets. Immunity, 2014, 40, 642-656.	14.3	637
28	RNA viruses can hijack vertebrate microRNAs to suppress innate immunity. Nature, 2014, 506, 245-248.	27.8	195
29	Chromatin state dynamics during blood formation. Science, 2014, 345, 943-949.	12.6	699
30	miR-142 orchestrates a network of actin cytoskeleton regulators during megakaryopoiesis. ELife, 2014, 3, e01964.	6.0	67
31	Fate Mapping Reveals Origins and Dynamics of Monocytes and Tissue Macrophages under Homeostasis. Immunity, 2013, 38, 1073-1079.	14.3	26
32	A Close Encounter of the Third Kind. Advances in Immunology, 2013, 120, 69-103.	2.2	125
33	Fate Mapping Reveals Origins and Dynamics of Monocytes and Tissue Macrophages under Homeostasis. Immunity, 2013, 38, 79-91.	14.3	2,528
34	Resistance of the Brain to Escherichia coli K1 Infection Depends on MyD88 Signaling and the Contribution of Neutrophils and Monocytes. Infection and Immunity, 2013, 81, 1810-1819.	2.2	34
35	Mononuclear phagocyte miRNome analysis identifies miR-142 as critical regulator of murine dendritic cell homeostasis. Blood, 2013, 121, 1016-1027.	1.4	102
36	Transcriptional Reprogramming of CD11b+Esamhi Dendritic Cell Identity and Function by Loss of Runx3. PLoS ONE, 2013, 8, e77490.	2.5	30

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37	Clonal allelic predetermination of immunoglobulin-Îº rearrangement. Nature, 2012, 490, 561-565.	27.8	42
38	CC chemokine receptor 4 is required for experimental autoimmune encephalomyelitis by regulating GM-CSF and IL-23 production in dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, 3897-3902.	7.1	72
39	Lymphotoxin Î² Receptor Signaling Promotes Development of Autoimmune Pancreatitis. Gastroenterology, 2012, 143, 1361-1374.	1.3	45
40	Monocytes-macrophages that express Î±-smooth muscle actin preserve primitive hematopoietic cells in the bone marrow. Nature Immunology, 2012, 13, 1072-1082.	14.5	196
41	Microglia in the CNS: Immigrants from another world. Glia, 2011, 59, 177-187.	4.9	203
42	IÎºB kinase 2 determines oligodendrocyte loss by non-cell-autonomous activation of NF-ÎºB in the central nervous system. Brain, 2011, 134, 1184-1198.	7.6	94
43	Distinct and Non-Redundant Roles of Microglia and Myeloid Subsets in Mouse Models of Alzheimer's Disease. Journal of Neuroscience, 2011, 31, 11159-11171.	3.6	286
44	Smad7 in T cells drives T helper 1 responses in multiple sclerosis and experimental autoimmune encephalomyelitis. Brain, 2010, 133, 1067-1081.	7.6	73
45	Toll-Like Receptor Prestimulation Increases Phagocytosis of<i>Escherichia coli</i>DH5Î± and<i>Escherichia coli</i>K1 Strains by Murine Microglial Cells. Infection and Immunity, 2009, 77, 557-564.	2.2	70
46	Tolerance Induction in Experimental Autoimmune Encephalomyelitis Using Non-myeloablative Hematopoietic Gene Therapy With Autoantigen. Molecular Therapy, 2009, 17, 897-905.	8.2	26
47	CCR2+Ly-6Chi monocytes are crucial for the effector phase of autoimmunity in the central nervous system. Brain, 2009, 132, 2487-2500.	7.6	393
48	Distinct and Nonredundant In Vivo Functions of IFNAR on Myeloid Cells Limit Autoimmunity in the Central Nervous System. Immunity, 2008, 28, 675-686.	14.3	352
49	Ly-6G+CCR2â^' Myeloid Cells Rather Than Ly-6ChighCCR2+ Monocytes Are Required for the Control of Bacterial Infection in the Central Nervous System. Journal of Immunology, 2008, 181, 2713-2722.	0.8	43
50	Axonal loss and neuroinflammation caused by peroxisome-deficient oligodendrocytes. Nature Genetics, 2007, 39, 969-976.	21.4	294
51	Microglia in the adult brain arise from Ly-6ChiCCR2+ monocytes only under defined host conditions. Nature Neuroscience, 2007, 10, 1544-1553.	14.8	910
52	Streptococcus pneumoniae Infection Aggravates Experimental Autoimmune Encephalomyelitis via Toll-Like Receptor 2. Infection and Immunity, 2006, 74, 4841-4848.	2.2	52
53	Innate immunity mediated by TLR9 modulates pathogenicity in an animal model of multiple sclerosis. Journal of Clinical Investigation, 2006, 116, 456-464.	8.2	329
54	Circulating monocytes engraft in the brain, differentiate into microglia and contribute to the pathology following meningitis in mice. Brain, 2006, 129, 2394-2403.	7.6	169

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55	Inhibition of transcription factor NF-Î°B in the central nervous system ameliorates autoimmune encephalomyelitis in mice. Nature Immunology, 2006, 7, 954-961.	14.5	182
56	Brummer lipase is an evolutionary conserved fat storage regulator in Drosophila. Cell Metabolism, 2005, 1, 323-330.	16.2	501
57	Tongue immune compartment analysis reveals spatial macrophage heterogeneity. ELife, 0, 11, .	6.0	6