

Michael H Sieweke

List of Publications by Year in descending order

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Version: 2024-02-01

63
papers

11,399
citations

81900

39
h-index

128289

60
g-index

69
all docs

69
docs citations

69
times ranked

17712
citing authors

#	ARTICLE	IF	CITATIONS
1	Development of Monocytes, Macrophages, and Dendritic Cells. <i>Science</i> , 2010, 327, 656-661.	12.6	2,471
2	Blood Monocytes: Development, Heterogeneity, and Relationship with Dendritic Cells. <i>Annual Review of Immunology</i> , 2009, 27, 669-692.	21.8	1,345
3	Microglia development follows a stepwise program to regulate brain homeostasis. <i>Science</i> , 2016, 353, aad8670.	12.6	911
4	Beyond Stem Cells: Self-Renewal of Differentiated Macrophages. <i>Science</i> , 2013, 342, 1242974.	12.6	408
5	Progressive replacement of embryo-derived cardiac macrophages with age. <i>Journal of Experimental Medicine</i> , 2014, 211, 2151-2158.	8.5	374
6	M-CSF instructs myeloid lineage fate in single haematopoietic stem cells. <i>Nature</i> , 2013, 497, 239-243.	27.8	316
7	Epigenetic control of myeloid cell differentiation, identity and function. <i>Nature Reviews Immunology</i> , 2015, 15, 7-17.	22.7	292
8	MafB Is an Interaction Partner and Repressor of Ets-1 That Inhibits Erythroid Differentiation. <i>Cell</i> , 1996, 85, 49-60.	28.9	283
9	Trained immunity, tolerance, priming and differentiation: distinct immunological processes. <i>Nature Immunology</i> , 2021, 22, 2-6.	14.5	274
10	MafB/c-Maf Deficiency Enables Self-Renewal of Differentiated Functional Macrophages. <i>Science</i> , 2009, 326, 867-871.	12.6	250
11	Cooperative Interaction of Hypoxia-inducible Factor-2 $\hat{\pm}$ (HIF-2 $\hat{\pm}$) and Ets-1 in the Transcriptional Activation of Vascular Endothelial Growth Factor Receptor-2 (Flk-1). <i>Journal of Biological Chemistry</i> , 2003, 278, 7520-7530.	3.4	239
12	MafB is an inducer of monocytic differentiation. <i>EMBO Journal</i> , 2000, 19, 1987-1997.	7.8	231
13	MafB is required for islet $\hat{2}$ cell maturation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 3853-3858.	7.1	223
14	Mediation of wound-related Rous sarcoma virus tumorigenesis by TGF-beta. <i>Science</i> , 1990, 248, 1656-1660.	12.6	207
15	Mutual activation of Ets-1 and AML1 DNA binding by direct interaction of their autoinhibitory domains. <i>EMBO Journal</i> , 1999, 18, 1609-1620.	7.8	206
16	Lineage-specific enhancers activate self-renewal genes in macrophages and embryonic stem cells. <i>Science</i> , 2016, 351, aad5510.	12.6	194
17	Tissue-resident macrophages in omentum promote metastatic spread of ovarian cancer. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	189
18	Tissue macrophage identity and self-renewal. <i>Immunological Reviews</i> , 2014, 262, 56-73.	6.0	183

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19	C/EBP β -Dependent Epigenetic Memory Induces Trained Immunity in Hematopoietic Stem Cells. <i>Cell Stem Cell</i> , 2020, 26, 657-674.e8.	11.1	180
20	A transcription factor party during blood cell differentiation. <i>Current Opinion in Genetics and Development</i> , 1998, 8, 545-551.	3.3	155
21	MafB deficiency causes defective respiratory rhythmogenesis and fatal central apnea at birth. <i>Nature Neuroscience</i> , 2003, 6, 1091-1100.	14.8	154
22	Balance of MafB and PU.1 specifies alternative macrophage or dendritic cell fate. <i>Blood</i> , 2005, 105, 2707-2716.	1.4	152
23	MafB Restricts M-CSF-Dependent Myeloid Commitment Divisions of Hematopoietic Stem Cells. <i>Cell</i> , 2009, 138, 300-313.	28.9	144
24	Cooperative interaction of Ets-1 with USF-1 required for HIV-1 enhancer activity in T cells. <i>EMBO Journal</i> , 1998, 17, 1728-1739.	7.8	121
25	c-Maf controls immune responses by regulating disease-specific gene networks and repressing IL-2 in CD4+ T cells. <i>Nature Immunology</i> , 2018, 19, 497-507.	14.5	118
26	The PRC1 Polycomb group complex interacts with PLZF/RARA to mediate leukemic transformation. <i>Genes and Development</i> , 2009, 23, 1195-1206.	5.9	113
27	Developmental origin and maintenance of distinct testicular macrophage populations. <i>Journal of Experimental Medicine</i> , 2017, 214, 2829-2841.	8.5	112
28	Efficient CRISPR-mediated mutagenesis in primary immune cells using CrispRGold and a C57BL/6 Cas9 transgenic mouse line. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 12514-12519.	7.1	110
29	Regulation of eosinophil-specific gene expression by a C/EBP-Ets complex and GATA-1. <i>EMBO Journal</i> , 1998, 17, 3669-3680.	7.8	107
30	The expression pattern of the mafB/kr gene in birds and mice reveals that the kreisler phenotype does not represent a null mutant. <i>Mechanisms of Development</i> , 1997, 65, 111-122.	1.7	104
31	Molecular profiling of CD8 T cells in autochthonous melanoma identifies Maf as driver of exhaustion. <i>EMBO Journal</i> , 2015, 34, 2042-2058.	7.8	100
32	SIRT1 regulates macrophage self-renewal. <i>EMBO Journal</i> , 2017, 36, 2353-2372.	7.8	97
33	The Tumor-Promoting Effect of Wounding: A Possible Role for TGF- β -Induced Stromal Alterations. <i>Critical Reviews in Oncogenesis</i> , 1994, 5, 297-311.	0.4	96
34	DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. <i>Cell</i> , 2016, 167, 1264-1280.e18.	28.9	94
35	Testicular macrophages: Guardians of fertility. <i>Cellular Immunology</i> , 2018, 330, 120-125.	3.0	72
36	Development of Macrophages with Altered Actin Organization in the Absence of MafB. <i>Molecular and Cellular Biology</i> , 2006, 26, 6808-6818.	2.3	69

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37	Bhlhe40 and Bhlhe41 transcription factors regulate alveolar macrophage self-renewal and identity. EMBO Journal, 2019, 38, e101233.	7.8	68
38	Regulation of the transcription factor Ets-1 by DNA-mediated homo-dimerization. EMBO Journal, 2008, 27, 2006-2017.	7.8	56
39	ImmGen at 15. Nature Immunology, 2020, 21, 700-703.	14.5	55
40	The murine neurokinin NK1receptor gene contributes to the adult hypoxic facilitation of ventilation. European Journal of Neuroscience, 2002, 16, 2245-2252.	2.6	51
41	SUMO Modification Regulates MafB-Driven Macrophage Differentiation by Enabling Myb-Dependent Transcriptional Repression. Molecular and Cellular Biology, 2007, 27, 5554-5564.	2.3	41
42	M-CSF improves protection against bacterial and fungal infections after hematopoietic stem/progenitor cell transplantation. Journal of Experimental Medicine, 2016, 213, 2269-2279.	8.5	41
43	Isolation and Long-term Cultivation of Mouse Alveolar Macrophages. Bio-protocol, 2019, 9, .	0.4	40
44	Mutations of brainstem transcription factors and central respiratory disorders. Trends in Molecular Medicine, 2005, 11, 23-30.	6.7	38
45	Long-term culture-expanded alveolar macrophages restore their full epigenetic identity after transfer in vivo. Nature Immunology, 2022, 23, 458-468.	14.5	35
46	Transcriptional Control of Macrophage Identity, Self-Renewal, and Function. Advances in Immunology, 2013, 120, 269-300.	2.2	34
47	Integration of cytokine and transcription factor signals in hematopoietic stem cell commitment. Seminars in Immunology, 2011, 23, 326-334.	5.6	25
48	Design of a bZip Transcription Factor with Homo/Heterodimer-Induced DNA-Binding Preference. Structure, 2014, 22, 466-477.	3.3	23
49	Waddington's Valleys and Captain Cook's Islands. Cell Stem Cell, 2015, 16, 7-8.	11.1	23
50	Characterisation of Genome-Wide PLZF/RARA Target Genes. PLoS ONE, 2011, 6, e24176.	2.5	22
51	v-src induces clonal sarcomas and rapid metastasis following transduction with a replication-defective retrovirus.. Proceedings of the National Academy of Sciences of the United States of America, 1989, 86, 10123-10127.	7.1	16
52	Suppression of HIV Type 1 Replication by a Dominant-Negative Ets-1 Mutant. AIDS Research and Human Retroviruses, 2000, 16, 1981-1989.	1.1	16
53	Detection of Transcription Factor Partners with a Yeast One Hybrid Screen. , 2000, 130, 59-78.		12
54	Monocytes Compensate Kupffer Cell Loss during Bacterial Infection. Immunity, 2015, 42, 10-12.	14.3	11

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55	Characterization of Mouse Adult Testicular Macrophage Populations by Immunofluorescence Imaging and Flow Cytometry. Bio-protocol, 2019, 9, .	0.4	10
56	Eosinophils and mast cells: a lineage apart. Nature Immunology, 2016, 17, 609-611.	14.5	6
57	Trained macrophages support hygiene hypothesis. Nature Immunology, 2017, 18, 1279-1280.	14.5	6
58	Deletion of Tachykinin NK1 Receptor Gene in Mice does not Alter Respiratory Network Maturation but Alters Respiratory Responses to Hypoxia.. Advances in Experimental Medicine and Biology, 2003, 536, 497-504.	1.6	6
59	Transcription factor control of central respiratory neuron development. , 2008, , 191-221.		3
60	C-Myb As A Key Player In The Control Of Myeloid Cell Differentiation. , 2004, , 133-144.		2
61	Creating a blood line from human skin. Genome Biology, 2010, 11, 143.	9.6	0
62	Integration of cell cycle control and cell fate choice in M-CSF-instructed myeloid lineage commitment of hematopoietic stem cells. Experimental Hematology, 2014, 42, S16.	0.4	0
63	M-CSF instructs both cell division and cell identity in HSC through independent transcription factor circuits. Experimental Hematology, 2015, 43, S93.	0.4	0