# Michael H Sieweke

List of Publications by Year
in descending order



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|---|---|---|---|
| 63 papers | 11,399 citations | 81889 39 h-index | 128286 60 g-index |
| 69 all docs | 69 docs citations | 69 times ranked | 17712 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Long-term culture-expanded alveolar macrophages restore their full epigenetic identity after transfer in vivo. Nature Immunology, 2022, 23, 458-468. | 14.5 | 35 |
| 2 | Trained immunity, tolerance, priming and differentiation: distinct immunological processes. Nature Immunology, 2021, 22, 2-6. | 14.5 | 274 |
| 3 | Tissue-resident macrophages in omentum promote metastatic spread of ovarian cancer. Journal of Experimental Medicine, 2020, 217, . | 8.5 | 189 |
| 4 | C/EBPÎ²-Dependent Epigenetic Memory Induces Trained Immunity in Hematopoietic Stem Cells. Cell Stem Cell, 2020, 26, 657-674.e8. | 11.1 | 180 |
| 5 | ImmGen at 15. Nature Immunology, 2020, 21, 700-703. | 14.5 | 55 |
| 6 | Bhlhe40 and Bhlhe41 transcription factors regulate alveolar macrophage selfâ€renewal and identity. EMBO Journal, 2019, 38, e101233. | 7.8 | 68 |
| 7 | Characterization of Mouse Adult Testicular Macrophage Populations by Immunofluorescence Imaging and Flow Cytometry. Bio-protocol, 2019, 9, . | 0.4 | 10 |
| 8 | Isolation and Long-term Cultivation of Mouse Alveolar Macrophages. Bio-protocol, 2019, 9, . | 0.4 | 40 |
| 9 | c-Maf controls immune responses by regulating disease-specific gene networks and repressing IL-2 in CD4+ T cells. Nature Immunology, 2018, 19, 497-507. | 14.5 | 118 |
| 10 | Testicular macrophages: Guardians of fertility. Cellular Immunology, 2018, 330, 120-125. | 3.0 | 72 |
| 11 | Developmental origin and maintenance of distinct testicular macrophage populations. Journal of Experimental Medicine, 2017, 214, 2829-2841. | 8.5 | 112 |
| 12 | Trained macrophages support hygiene hypothesis. Nature Immunology, 2017, 18, 1279-1280. | 14.5 | 6 |
| 13 | SIRT1 regulates macrophage selfâ€renewal. EMBO Journal, 2017, 36, 2353-2372. | 7.8 | 97 |
| 14 | Eosinophils and mast cells: a lineage apart. Nature Immunology, 2016, 17, 609-611. | 14.5 | 6 |
| 15 | Efficient CRISPR-mediated mutagenesis in primary immune cells using CrispRGold and a C57BL/6 Cas9 transgenic mouse line. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 12514-12519. | 7.1 | 110 |
| 16 | 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 |
| 17 | DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. Cell, 2016, 167, 1264-1280.e18. | 28.9 | 94 |
| 18 | Microglia development follows a stepwise program to regulate brain homeostasis. Science, 2016, 353, aad8670. | 12.6 | 911 |

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|---|---|---|---|
| 19 | Lineage-specific enhancers activate self-renewal genes in macrophages and embryonic stem cells. Science, 2016, 351, aad5510. | 12.6 | 194 |
| 20 | Molecular profiling of <scp>CD</scp> 8 T cells in autochthonous melanoma identifies Maf as driver of exhaustion. EMBO Journal, 2015, 34, 2042-2058. | 7.8 | 100 |
| 21 | Monocytes Compensate Kupffer Cell Loss during Bacterial Infection. Immunity, 2015, 42, 10-12. | 14.3 | 11 |
| 22 | Waddingtonâ€™s Valleys and Captain Cookâ€™s Islands. Cell Stem Cell, 2015, 16, 7-8. | 11.1 | 23 |
| 23 | M-CSF instructs both cell division and cell identity in HSC through independent transcription factor circuits. Experimental Hematology, 2015, 43, S93. | 0.4 | 0 |
| 24 | Epigenetic control of myeloid cell differentiation, identity and function. Nature Reviews Immunology, 2015, 15, 7-17. | 22.7 | 292 |
| 25 | Tissue macrophage identity and selfâ€renewal. Immunological Reviews, 2014, 262, 56-73. | 6.0 | 183 |
| 26 | Design of a bZip Transcription Factor with Homo/Heterodimer-Induced DNA-Binding Preference. Structure, 2014, 22, 466-477. | 3.3 | 23 |
| 27 | Progressive replacement of embryo-derived cardiac macrophages with age. Journal of Experimental Medicine, 2014, 211, 2151-2158. | 8.5 | 374 |
| 28 | 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 |
| 29 | Transcriptional Control of Macrophage Identity, Self-Renewal, and Function. Advances in Immunology, 2013, 120, 269-300. | 2.2 | 34 |
| 30 | Beyond Stem Cells: Self-Renewal of Differentiated Macrophages. Science, 2013, 342, 1242974. | 12.6 | 408 |
| 31 | M-CSF instructs myeloid lineage fate in single haematopoietic stem cells. Nature, 2013, 497, 239-243. | 27.8 | 316 |
| 32 | Integration of cytokine and transcription factor signals in hematopoietic stem cell commitment. Seminars in Immunology, 2011, 23, 326-334. | 5.6 | 25 |
| 33 | Characterisation of Genome-Wide PLZF/RARA Target Genes. PLoS ONE, 2011, 6, e24176. | 2.5 | 22 |
| 34 | Development of Monocytes, Macrophages, and Dendritic Cells. Science, 2010, 327, 656-661. | 12.6 | 2,471 |
| 35 | Creating a blood line from human skin. Genome Biology, 2010, 11, 143. | 9.6 | 0 |
| 36 | The PRC1 Polycomb group complex interacts with PLZF/RARA to mediate leukemic transformation. Genes and Development, 2009, 23, 1195-1206. | 5.9 | 113 |

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|---|---|---|---|
| 37 | MafB/c-Maf Deficiency Enables Self-Renewal of Differentiated Functional Macrophages. Science, 2009, 326, 867-871. | 12.6 | 250 |
| 38 | MafB Restricts M-CSF-Dependent Myeloid Commitment Divisions of Hematopoietic Stem Cells. Cell, 2009, 138, 300-313. | 28.9 | 144 |
| 39 | Blood Monocytes: Development, Heterogeneity, and Relationship with Dendritic Cells. Annual Review of Immunology, 2009, 27, 669-692. | 21.8 | 1,345 |
| 40 | Regulation of the transcription factor Ets-1 by DNA-mediated homo-dimerization. EMBO Journal, 2008, 27, 2006-2017. | 7.8 | 56 |
| 41 | Transcription factor control of central respiratory neuron development. , 2008, , 191-221. | | 3 |
| 42 | SUMO Modification Regulates MafB-Driven Macrophage Differentiation by Enabling Myb-Dependent Transcriptional Repression. Molecular and Cellular Biology, 2007, 27, 5554-5564. | 2.3 | 41 |
| 43 | MafB is required for islet Î² cell maturation. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 3853-3858. | 7.1 | 223 |
| 44 | Development of Macrophages with Altered Actin Organization in the Absence of MafB. Molecular and Cellular Biology, 2006, 26, 6808-6818. | 2.3 | 69 |
| 45 | Balance of MafB and PU.1 specifies alternative macrophage or dendritic cell fate. Blood, 2005, 105, 2707-2716. | 1.4 | 152 |
| 46 | Mutations of brainstem transcription factors and central respiratory disorders. Trends in Molecular Medicine, 2005, 11, 23-30. | 6.7 | 38 |
| 47 | C-Myb As A Key Player In The Control Of Myeloid Cell Differentiation. , 2004, , 133-144. | | 2 |
| 48 | MafB deficiency causes defective respiratory rhythmogenesis and fatal central apnea at birth. Nature Neuroscience, 2003, 6, 1091-1100. | 14.8 | 154 |
| 49 | Cooperative Interaction of Hypoxia-inducible Factor-2Î± (HIF-2Î±) and Ets-1 in the Transcriptional Activation of Vascular Endothelial Growth Factor Receptor-2 (Flk-1). Journal of Biological Chemistry, 2003, 278, 7520-7530. | 3.4 | 239 |
| 50 | 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 |
| 51 | The murine neurokinin NK1receptor gene contributes to the adult hypoxic facilitation of ventilation. European Journal of Neuroscience, 2002, 16, 2245-2252. | 2.6 | 51 |
| 52 | Detection of Transcription Factor Partners with a Yeast One Hybrid Screen. , 2000, 130, 59-78. | | 12 |
| 53 | MafB is an inducer of monocytic differentiation. EMBO Journal, 2000, 19, 1987-1997. | 7.8 | 231 |
| 54 | 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 |

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|---|---|---|---|
| 55 | Mutual activation of Ets-1 and AML1 DNA binding by direct interaction of their autoinhibitory domains. EMBO Journal, 1999, 18, 1609-1620. | 7.8 | 206 |
| 56 | Regulation of eosinophil-specific gene expression by a C/EBP-Ets complex and GATA-1. EMBO Journal, 1998, 17, 3669-3680. | 7.8 | 107 |
| 57 | A transcription factor party during blood cell differentiation. Current Opinion in Genetics and Development, 1998, 8, 545-551. | 3.3 | 155 |
| 58 | Cooperative interaction of Ets-1 with USF-1 required for HIV-1 enhancer activity in T cells. EMBO Journal, 1998, 17, 1728-1739. | 7.8 | 121 |
| 59 | The expression pattern of the mafB/kr gene in birds and mice reveals that the kreisler phenotype does not represent a null mutant. Mechanisms of Development, 1997, 65, 111-122. | 1.7 | 104 |
| 60 | MafB Is an Interaction Partner and Repressor of Ets-1 That Inhibits Erythroid Differentiation. Cell, 1996, 85, 49-60. | 28.9 | 283 |
| 61 | The Tumor-Promoting Effect of Wounding: A Possible Role for TGF-Î²-Induced Stromal Alterations. Critical Reviews in Oncogenesis, 1994, 5, 297-311. | 0.4 | 96 |
| 62 | Mediation of wound-related Rous sarcoma virus tumorigenesis by TGF-beta. Science, 1990, 248, 1656-1660. | 12.6 | 207 |
| 63 | 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 |