# Steffen Jung

## List of Publications by Year in descending order

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|---|---|---|---|
| 208 papers | 57,734 citations | 2565 99 h-index | 2196 208 g-index |
| 229 all docs | 229 docs citations | 229 times ranked | 64167 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | ATP mediates rapid microglial response to local brain injury in vivo. Nature Neuroscience, 2005, 8, 752-758. | 7.1 | 3,272 |
| 2 | Blood Monocytes Consist of Two Principal Subsets with Distinct Migratory Properties. Immunity, 2003, 19, 71-82. | 6.6 | 2,947 |
| 3 | Fate Mapping Reveals Origins and Dynamics of Monocytes and Tissue Macrophages under Homeostasis. Immunity, 2013, 38, 79-91. | 6.6 | 2,528 |
| 4 | Development of Monocytes, Macrophages, and Dendritic Cells. Science, 2010, 327, 656-661. | 6.0 | 2,471 |
| 5 | Analysis of Fractalkine Receptor CX 3 CR1 Function by Targeted Deletion and Green Fluorescent Protein Reporter Gene Insertion. Molecular and Cellular Biology, 2000, 20, 4106-4114. | 1.1 | 2,319 |
| 6 | Tissue-Resident Macrophage Enhancer Landscapes Are Shaped by the Local Microenvironment. Cell, 2014, 159, 1312-1326. | 13.5 | 1,705 |
| 7 | In Vivo Depletion of CD11c+ Dendritic Cells Abrogates Priming of CD8+ T Cells by Exogenous Cell-Associated Antigens. Immunity, 2002, 17, 211-220. | 6.6 | 1,579 |
| 8 | Massively Parallel Single-Cell RNA-Seq for Marker-Free Decomposition of Tissues into Cell Types. Science, 2014, 343, 776-779. | 6.0 | 1,563 |
| 9 | Monocytes and macrophages: developmental pathways and tissue homeostasis. Nature Reviews Immunology, 2014, 14, 392-404. | 10.6 | 1,456 |
| 10 | CX3CR1-Mediated Dendritic Cell Access to the Intestinal Lumen and Bacterial Clearance. Science, 2005, 307, 254-258. | 6.0 | 1,449 |
| 11 | Control of microglial neurotoxicity by the fractalkine receptor. Nature Neuroscience, 2006, 9, 917-924. | 7.1 | 1,334 |
| 12 | VEGF-Induced Adult Neovascularization: Recruitment, Retention, and Role of Accessory Cells. Cell, 2006, 124, 175-189. | 13.5 | 1,092 |
| 13 | Type I interferons and microbial metabolites of tryptophan modulate astrocyte activity and central nervous system inflammation via the aryl hydrocarbon receptor. Nature Medicine, 2016, 22, 586-597. | 15.2 | 987 |
| 14 | Circulating activated platelets exacerbate atherosclerosis in mice deficient in apolipoprotein E. Nature Medicine, 2003, 9, 61-67. | 15.2 | 931 |
| 15 | A Clonogenic Bone Marrow Progenitor Specific for Macrophages and Dendritic Cells. Science, 2006, 311, 83-87. | 6.0 | 924 |
| 16 | Transcriptional Heterogeneity and Lineage Commitment in Myeloid Progenitors. Cell, 2015, 163, 1663-1677. | 13.5 | 875 |
| 17 | Origin, fate and dynamics of macrophages at central nervous system interfaces. Nature Immunology, 2016, 17, 797-805. | 7.0 | 872 |
| 18 | Alum adjuvant boosts adaptive immunity by inducing uric acid and activating inflammatory dendritic cells. Journal of Experimental Medicine, 2008, 205, 869-882. | 4.2 | 838 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Microglia Biology: One Century of Evolving Concepts. Cell, 2019, 179, 292-311. | 13.5 | 772 |
| 20 | A Cre-inducible diphtheria toxin receptor mediates cell lineage ablation after toxin administration. Nature Methods, 2005, 2, 419-426. | 9.0 | 744 |
| 21 | Chromatin state dynamics during blood formation. Science, 2014, 345, 943-949. | 6.0 | 699 |
| 22 | Macrophages: Development and Tissue Specialization. Annual Review of Immunology, 2015, 33, 643-675. | 9.5 | 687 |
| 23 | Infiltrating Blood-Derived Macrophages Are Vital Cells Playing an Anti-inflammatory Role in Recovery from Spinal Cord Injury in Mice. PLoS Medicine, 2009, 6, e1000113. | 3.9 | 650 |
| 24 | Development and Function of Dendritic Cell Subsets. Immunity, 2014, 40, 642-656. | 6.6 | 637 |
| 25 | Intestinal Lamina Propria Dendritic Cell Subsets Have Different Origin and Functions. Immunity, 2009, 31, 502-512. | 6.6 | 635 |
| 26 | Ly6Chi Monocytes in the Inflamed Colon Give Rise to Proinflammatory Effector Cells and Migratory Antigen-Presenting Cells. Immunity, 2012, 37, 1076-1090. | 6.6 | 613 |
| 27 | 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 |
| 28 | In vivo depletion of lung CD11c+ dendritic cells during allergen challenge abrogates the characteristic features of asthma. Journal of Experimental Medicine, 2005, 201, 981-991. | 4.2 | 573 |
| 29 | Monocytes give rise to mucosal, but not splenic, conventional dendritic cells. Journal of Experimental Medicine, 2007, 204, 171-180. | 4.2 | 553 |
| 30 | Recruitment of Beneficial M2 Macrophages to Injured Spinal Cord Is Orchestrated by Remote Brain Choroid Plexus. Immunity, 2013, 38, 555-569. | 6.6 | 552 |
| 31 | Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. Immunity, 2015, 43, 92-106. | 6.6 | 506 |
| 32 | Guidelines for the use of flow cytometry and cell sorting in immunological studies<sup>*</sup>. European Journal of Immunology, 2017, 47, 1584-1797. | 1.6 | 505 |
| 33 | Inflammatory Chemokine Transport and Presentation in HEV. Journal of Experimental Medicine, 2001, 194, 1361-1374. | 4.2 | 504 |
| 34 | Macrophage-Restricted Interleukin-10 Receptor Deficiency, but Not IL-10 Deficiency, Causes Severe Spontaneous Colitis. Immunity, 2014, 40, 720-733. | 6.6 | 460 |
| 35 | A new fate mapping system reveals context-dependent random or clonal expansion of microglia. Nature Neuroscience, 2017, 20, 793-803. | 7.1 | 446 |
| 36 | Notch2 Receptor Signaling Controls Functional Differentiation of Dendritic Cells in the Spleen and Intestine. Immunity, 2011, 35, 780-791. | 6.6 | 412 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | Age-related myelin degradation burdens the clearance function of microglia during aging. Nature Neuroscience, 2016, 19, 995-998. | 7.1 | 399 |
| 38 | CX3CR1 is required for monocyte homeostasis and atherogenesis by promoting cell survival. Blood, 2009, 113, 963-972. | 0.6 | 396 |
| 39 | The Cytokine GM-CSF Drives the Inflammatory Signature of CCR2+ Monocytes and Licenses Autoimmunity. Immunity, 2015, 43, 502-514. | 6.6 | 391 |
| 40 | Inducible ablation of mouse Langerhans cells diminishes but fails to abrogate contact hypersensitivity. Journal of Cell Biology, 2005, 169, 569-576. | 2.3 | 390 |
| 41 | Progressive replacement of embryo-derived cardiac macrophages with age. Journal of Experimental Medicine, 2014, 211, 2151-2158. | 4.2 | 374 |
| 42 | Shutdown of class switch recombination by deletion of a switch region control element. Science, 1993, 259, 984-987. | 6.0 | 332 |
| 43 | The role of the local environment and epigenetics in shaping macrophage identity and their effect on tissue homeostasis. Nature Immunology, 2016, 17, 18-25. | 7.0 | 315 |
| 44 | Uterine DCs are crucial for decidua formation during embryo implantation in mice. Journal of Clinical Investigation, 2008, 118, 3954-65. | 3.9 | 292 |
| 45 | Alternatively activated macrophages do not synthesize catecholamines or contribute to adipose tissue adaptive thermogenesis. Nature Medicine, 2017, 23, 623-630. | 15.2 | 282 |
| 46 | Distinct Differentiation Potential of Blood Monocyte Subsets in the Lung. Journal of Immunology, 2007, 178, 2000-2007. | 0.4 | 272 |
| 47 | Runx3 regulates mouse TGF-Î²-mediated dendritic cell function and its absence results in airway inflammation. EMBO Journal, 2004, 23, 969-979. | 3.5 | 269 |
| 48 | Microglia, seen from the CX3CR1 angle. Frontiers in Cellular Neuroscience, 2013, 7, 26. | 1.8 | 268 |
| 49 | Role of CCR8 and Other Chemokine Pathways in the Migration of Monocyte-derived Dendritic Cells to Lymph Nodes. Journal of Experimental Medicine, 2004, 200, 1231-1241. | 4.2 | 266 |
| 50 | The neuronal chemokine CX3CL1/fractalkine selectively recruits NK cells that modify experimental autoimmune encephalomyelitis within the central nervous system. FASEB Journal, 2006, 20, 896-905. | 0.2 | 263 |
| 51 | Three pathways to mature macrophages in the early mouse yolk sac. Blood, 2005, 106, 3004-3011. | 0.6 | 260 |
| 52 | Regulation of Peripheral Lymph Node Genesis by the Tumor Necrosis Factor Family Member Trance. Journal of Experimental Medicine, 2000, 192, 1467-1478. | 4.2 | 249 |
| 53 | Induced-Pluripotent-Stem-Cell-Derived Primitive Macrophages Provide a Platform for Modeling Tissue-Resident Macrophage Differentiation and Function. Immunity, 2017, 47, 183-198.e6. | 6.6 | 245 |
| 54 | The chemokine KC, but not monocyte chemoattractant protein-1, triggers monocyte arrest on early atherosclerotic endothelium. Journal of Clinical Investigation, 2001, 108, 1307-1314. | 3.9 | 239 |

| # | Article | IF | Citations |
|---|---|---|---|
| 55 | Genomic Characterization of Murine Monocytes Reveals C/EBPÎ² Transcription Factor Dependence of Ly6C â" Cells. Immunity, 2017, 46, 849-862.e7. | 6.6 | 233 |
| 56 | Induction and blockage of oligodendrogenesis by differently activated microglia in an animal model of multiple sclerosis. Journal of Clinical Investigation, 2006, 116, 905-915. | 3.9 | 231 |
| 57 | Functional classification of memory CD8+ T cells by CX3CR1 expression. Nature Communications, 2015, 6, 8306. | 5.8 | 231 |
| 58 | Monocytes: subsets, origins, fates and functions. Current Opinion in Hematology, 2010, 17, 53-59. | 1.2 | 228 |
| 59 | Lung Macrophages Serve as Obligatory Intermediate between Blood Monocytes and Alveolar Macrophages. Journal of Immunology, 2007, 179, 3488-3494. | 0.4 | 223 |
| 60 | CCL17-expressing dendritic cells drive atherosclerosis by restraining regulatory T cell homeostasis in mice. Journal of Clinical Investigation, 2011, 121, 2898-2910. | 3.9 | 223 |
| 61 | B Cell Development under the Condition of Allelic Inclusion. Immunity, 1997, 6, 225-233. | 6.6 | 222 |
| 62 | Inhibition of NF-kappa B cellular function via specific targeting of the Ikappa B-ubiquitin ligase. EMBO Journal, 1997, 16, 6486-6494. | 3.5 | 221 |
| 63 | In vivo structure/function and expression analysis of the CX3C chemokine fractalkine. Blood, 2011, 118, e156-e167. | 0.6 | 218 |
| 64 | Brown-adipose-tissue macrophages control tissue innervation and homeostatic energy expenditure. Nature Immunology, 2017, 18, 665-674. | 7.0 | 200 |
| 65 | Lack of Conventional Dendritic Cells Is Compatible with Normal Development and T Cell Homeostasis, but Causes Myeloid Proliferative Syndrome. Immunity, 2008, 29, 986-997. | 6.6 | 198 |
| 66 | Monocytes-macrophages that express Î±-smooth muscle actin preserve primitive hematopoietic cells in the bone marrow. Nature Immunology, 2012, 13, 1072-1082. | 7.0 | 196 |
| 67 | Novel Hexb-based tools for studying microglia in the CNS. Nature Immunology, 2020, 21, 802-815. | 7.0 | 186 |
| 68 | Dendritic Cells Ameliorate Autoimmunity in the CNS by Controlling the Homeostasis of PD-1 Receptor+ Regulatory T Cells. Immunity, 2012, 37, 264-275. | 6.6 | 184 |
| 69 | Neuroprotection and progenitor cell renewal in the injured adult murine retina requires healing monocyte-derived macrophages. Journal of Experimental Medicine, 2011, 208, 23-39. | 4.2 | 181 |
| 70 | CKIÎ± ablation highlights a critical role for p53 in invasiveness control. Nature, 2011, 470, 409-413. | 13.7 | 179 |
| 71 | Severe B Cell Deficiency in Mice Lacking the Tec Kinase Family Members Tec and Btk. Journal of Experimental Medicine, 2000, 192, 1611-1624. | 4.2 | 177 |
| 72 | Securing the immune tightrope: mononuclear phagocytes in the intestinal lamina propria. Nature Reviews Immunology, 2010, 10, 415-426. | 10.6 | 176 |

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|---|---|---|---|
| 73 | Intestinal macrophages: well educated exceptions from the rule. Trends in Immunology, 2013, 34, 162-168. | 2.9 | 176 |
| 74 | Re-evaluating microglia expression profiles using RiboTag and cell isolation strategies. Nature Immunology, 2018, 19, 636-644. | 7.0 | 175 |
| 75 | Transepithelial Pathogen Uptake into the Small Intestinal Lamina Propria. Journal of Immunology, 2006, 176, 2465-2469. | 0.4 | 171 |
| 76 | Perivascular clusters of dendritic cells provide critical survival signals to B cells in bone marrow niches. Nature Immunology, 2008, 9, 388-395. | 7.0 | 168 |
| 77 | Immunization with mannosylated nanovaccines and inhibition of the immune-suppressing microenvironment sensitizes melanoma to immune checkpoint modulators. Nature Nanotechnology, 2019, 14, 891-901. | 15.6 | 167 |
| 78 | Engrafted parenchymal brain macrophages differ from microglia in transcriptome, chromatin landscape and response to challenge. Nature Communications, 2018, 9, 5206. | 5.8 | 166 |
| 79 | Microbe sampling by mucosal dendritic cells is a discrete, MyD88-independent stepin Î”invG S. Typhimurium colitis. Journal of Experimental Medicine, 2008, 205, 437-450. | 4.2 | 164 |
| 80 | High susceptibility to bacterial infection, but no liver dysfunction, in mice compromised for hepatocyte NF-ÎºB activation. Nature Medicine, 2000, 6, 573-577. | 15.2 | 162 |
| 81 | Spatial Organization of Signal Transduction Molecules in the NK Cell Immune Synapses During MHC Class I-Regulated Noncytolytic and Cytolytic Interactions. Journal of Immunology, 2001, 167, 4358-4367. | 0.4 | 161 |
| 82 | CD8Î±+ Dendritic Cells Are Required for Efficient Entry of Listeria monocytogenes into the Spleen. Immunity, 2006, 25, 619-630. | 6.6 | 160 |
| 83 | CX <sub>3</sub> CR1 <sup>+</sup> CD8Î± <sup>+</sup> dendritic cells are a steady-state population related to plasmacytoid dendritic cells. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 14745-14750. | 3.3 | 160 |
| 84 | Methyl-CpG Binding Protein 2 Regulates Microglia and Macrophage Gene Expression in Response to Inflammatory Stimuli. Immunity, 2015, 42, 679-691. | 6.6 | 157 |
| 85 | Organ-dependent in vivo priming of naive CD4+,but not CD8+,T cells by plasmacytoid dendritic cells. Journal of Experimental Medicine, 2007, 204, 1923-1933. | 4.2 | 154 |
| 86 | Epigenetic ontogeny of the Igk locus during B cell development. Nature Immunology, 2005, 6, 198-203. | 7.0 | 152 |
| 87 | A20 critically controls microglia activation and inhibits inflammasome-dependent neuroinflammation. Nature Communications, 2018, 9, 2036. | 5.8 | 152 |
| 88 | Lung Dendritic Cells Rapidly Mediate Anthrax Spore Entry through the Pulmonary Route. Journal of Immunology, 2007, 178, 7994-8001. | 0.4 | 141 |
| 89 | The ATMâ€“BID pathway regulates quiescence and survival of haematopoietic stem cells. Nature Cell Biology, 2012, 14, 535-541. | 4.6 | 136 |
| 90 | Microglia Plasticity During Health and Disease: An Immunological Perspective. Trends in Immunology, 2015, 36, 614-624. | 2.9 | 136 |

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|---|---|---|---|
| 91 | Conventional dendritic cells regulate the outcome of colonic inflammation independently of T cells. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 17022-17027. | 3.3 | 130 |
| 92 | Coupled preâ€mRNA and mRNA dynamics unveil operational strategies underlying transcriptional responses to stimuli. Molecular Systems Biology, 2011, 7, 529. | 3.2 | 126 |
| 93 | A Close Encounter of the Third Kind. Advances in Immunology, 2013, 120, 69-103. | 1.1 | 125 |
| 94 | Involvement of the CXCL12/CXCR4 Pathway in the Recovery of Skin Following Burns. Journal of Investigative Dermatology, 2006, 126, 468-476. | 0.3 | 120 |
| 95 | Microglia contribute to circuit defects in Mecp2 null mice independent of microglia-specific loss of Mecp2 expression. ELife, 2016, 5, . | 2.8 | 117 |
| 96 | Contributions of dendritic cells and macrophages to intestinal homeostasis and immune defense. Immunology and Cell Biology, 2013, 91, 232-239. | 1.0 | 114 |
| 97 | Microglia: unique and common features with other tissue macrophages. Acta Neuropathologica, 2014, 128, 319-331. | 3.9 | 111 |
| 98 | Origins and tissueâ€contextâ€dependent fates of blood monocytes. Immunology and Cell Biology, 2009, 87, 30-38. | 1.0 | 109 |
| 99 | Astrocytic phagocytosis is a compensatory mechanism for microglial dysfunction. EMBO Journal, 2020, 39, e104464. | 3.5 | 105 |
| 100 | An essential role for dendritic cells in human and experimental allergic rhinitis. Journal of Allergy and Clinical Immunology, 2006, 118, 1117-1125. | 1.5 | 104 |
| 101 | Antibody-enhanced cross-presentation of self antigen breaks T cell tolerance. Journal of Clinical Investigation, 2007, 117, 1361-1369. | 3.9 | 103 |
| 102 | TGFâ€Î² signaling through SMAD2/3 induces the quiescent microglial phenotype within the CNS environment. Glia, 2012, 60, 1160-1171. | 2.5 | 103 |
| 103 | Mononuclear phagocyte miRNome analysis identifies miR-142 as critical regulator of murine dendritic cell homeostasis. Blood, 2013, 121, 1016-1027. | 0.6 | 102 |
| 104 | Guardians of the Gut Ã¢â‚¬â€œ Murine Intestinal Macrophages and Dendritic Cells. Frontiers in Immunology, 2015, 6, 254. | 2.2 | 102 |
| 105 | FcÎ³ Receptor IIB on Dendritic Cells Enforces Peripheral Tolerance by Inhibiting Effector T Cell Responses. Journal of Immunology, 2007, 178, 6217-6226. | 0.4 | 100 |
| 106 | A Binary Cre Transgenic Approach Dissects Microglia and CNS Border-Associated Macrophages. Immunity, 2021, 54, 176-190.e7. | 6.6 | 99 |
| 107 | CD11chigh Dendritic Cell Ablation Impairs Lymphopenia-Driven Proliferation of Naive and Memory CD8+ T Cells. Journal of Immunology, 2005, 175, 6428-6435. | 0.4 | 98 |
| 108 | On-site education of VEGF-recruited monocytes improves their performance as angiogenic and arteriogenic accessory cells. Journal of Experimental Medicine, 2013, 210, 2611-2625. | 4.2 | 98 |

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|---|---|---|---|
| 109 | Opposing Effects of Membrane-Anchored CX3CL1 on Amyloid and Tau Pathologies via the p38 MAPK Pathway. Journal of Neuroscience, 2014, 34, 12538-12546. | 1.7 | 98 |
| 110 | Alveolar Type II Epithelial Cells Present Antigen to CD4<sup>+</sup>T Cells and Induce Foxp3<sup>+</sup>Regulatory T Cells. American Journal of Respiratory and Critical Care Medicine, 2009, 179, 344-355. | 2.5 | 95 |
| 111 | The Chemokine Receptor CX3CR1 Mediates Homing of MHC class II-Positive Cells to the Normal Mouse Corneal Epithelium. , 2007, 48, 1568. | | 94 |
| 112 | Interleukin-10 Prevents Pathological Microglia Hyperactivation following Peripheral Endotoxin Challenge. Immunity, 2020, 53, 1033-1049.e7. | 6.6 | 93 |
| 113 | Systemic antitumor protection by vascular-targeted photodynamic therapy involves cellular and humoral immunity. Cancer Immunology, Immunotherapy, 2009, 58, 71-84. | 2.0 | 91 |
| 114 | Distinctin vivo dendritic cell activation by live versus killedListeria monocytogenes. European Journal of Immunology, 2005, 35, 1463-1471. | 1.6 | 87 |
| 115 | Tumor Necrosis Factor Alpha- and Inducible Nitric Oxide Synthase-Producing Dendritic Cells Are Rapidly Recruited to the Bladder in Urinary Tract Infection but Are Dispensable for Bacterial Clearance. Infection and Immunity, 2006, 74, 6100-6107. | 1.0 | 87 |
| 116 | IL-23-mediated mononuclear phagocyte crosstalk protects mice from Citrobacter rodentium-induced colon immunopathology. Nature Communications, 2015, 6, 6525. | 5.8 | 81 |
| 117 | The Shiga toxin B-subunit targets antigenin vivo to dendritic cells and elicits anti-tumor immunity. European Journal of Immunology, 2006, 36, 1124-1135. | 1.6 | 80 |
| 118 | CD4+Foxp3+ regulatory T cell expansion induced by antigen-driven interaction with intestinal epithelial cells independent of local dendritic cells. Gut, 2009, 58, 211-219. | 6.1 | 80 |
| 119 | The Inflammatory versus Constitutive Trafficking of Mononuclear Phagocytes into the Alveolar Space of Mice Is Associated with Drastic Changes in Their Gene Expression Profiles. Journal of Immunology, 2005, 175, 1884-1893. | 0.4 | 79 |
| 120 | Rational design of nanoparticles towards targeting antigen-presenting cells and improved T cell priming. Journal of Controlled Release, 2017, 258, 182-195. | 4.8 | 79 |
| 121 | Microglia can be induced by IFN-Î³ or IL-4 to express neural or dendritic-like markers. Molecular and Cellular Neurosciences, 2007, 35, 490-500. | 1.0 | 78 |
| 122 | Ly6Chi Monocytes and Their Macrophage Descendants Regulate Neutrophil Function and Clearance in Acetaminophen-Induced Liver Injury. Frontiers in Immunology, 2017, 8, 626. | 2.2 | 74 |
| 123 | Cxcl10+ monocytes define a pathogenic subset in the central nervous system during autoimmune neuroinflammation. Nature Immunology, 2020, 21, 525-534. | 7.0 | 74 |
| 124 | Co-stimulation-dependent activation of a JNK-kinase in T lymphocytes. European Journal of Immunology, 1998, 28, 2320-2330. | 1.6 | 71 |
| 125 | Defining dendritic cells by conditional and constitutive cell ablation. Immunological Reviews, 2010, 234, 76-89. | 2.8 | 71 |
| 126 | Microglial MHC class II is dispensable for experimental autoimmune encephalomyelitis and cuprizoneâ€induced demyelination. European Journal of Immunology, 2018, 48, 1308-1318. | 1.6 | 71 |

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|---|---|---|---|
| 127 | Frequency of immunoglobulin E class switching is autonomously determined and independent of prior switching to other classes.. Journal of Experimental Medicine, 1994, 179, 2023-2026. | 4.2 | 68 |
| 128 | Chemokine receptors in lymphoid organ homeostasis. Current Opinion in Immunology, 1999, 11, 319-325. | 2.4 | 68 |
| 129 | Dicer Deficiency Differentially Impacts Microglia of the Developing and Adult Brain. Immunity, 2017, 46, 1030-1044.e8. | 6.6 | 68 |
| 130 | IL-23â€“producing IL-10RÎ±â€“deficient gut macrophages elicit an IL-22â€“driven proinflammatory epithelial cell response. Science Immunology, 2019, 4, . | 5.6 | 68 |
| 131 | Microglial CX3CR1 promotes adult neurogenesis by inhibiting Sirt 1/p65 signaling independent of CX3CL1. Acta Neuropathologica Communications, 2016, 4, 102. | 2.4 | 67 |
| 132 | miR-142 orchestrates a network of actin cytoskeleton regulators during megakaryopoiesis. ELife, 2014, 3, e01964. | 2.8 | 67 |
| 133 | Toll-like receptor 4 is needed to restrict the invasion of Escherichia coli P4 into mammary gland epithelial cells in a murine model of acute mastitis. Cellular Microbiology, 2007, 9, 2826-2838. | 1.1 | 63 |
| 134 | Dendritic cellâ€restricted CD80/86 deficiency results in peripheral regulatory Tâ€cell reduction but is not associated with lymphocyte hyperactivation. European Journal of Immunology, 2011, 41, 291-298. | 1.6 | 63 |
| 135 | Irf4-dependent CD103<sup>+</sup>CD11b<sup>+</sup>dendritic cells and the intestinal microbiome regulate monocyte and macrophage activation and intestinal peristalsis in postoperative ileus. Gut, 2017, 66, 2110-2120. | 6.1 | 63 |
| 136 | Autonomous TNF is critical for in vivo monocyte survival in steady state and inflammation. Journal of Experimental Medicine, 2017, 214, 905-917. | 4.2 | 63 |
| 137 | Differential roles of resident microglia and infiltrating monocytes in murine CNS autoimmunity. Seminars in Immunopathology, 2015, 37, 613-623. | 2.8 | 60 |
| 138 | Utilization of Murine Colonoscopy for Orthotopic Implantation of Colorectal Cancer. PLoS ONE, 2011, 6, e28858. | 1.1 | 59 |
| 139 | Gatekeeper role of brain antigenâ€presenting CD11c <sup>+</sup> cells in neuroinflammation. EMBO Journal, 2016, 35, 89-101. | 3.5 | 59 |
| 140 | Paired immunoglobulin-like receptor A is an intrinsic, self-limiting suppressor of IL-5â€“induced eosinophil development. Nature Immunology, 2014, 15, 36-44. | 7.0 | 56 |
| 141 | Perforin-Positive Dendritic Cells Exhibit an Immuno-regulatory Role in Metabolic Syndrome and Autoimmunity. Immunity, 2015, 43, 776-787. | 6.6 | 55 |
| 142 | Comparative analysis of CreER transgenic mice for the study of brain macrophages: A case study. European Journal of Immunology, 2020, 50, 353-362. | 1.6 | 53 |
| 143 | Plasma cell differentiation in T-independent typeâ€„2 immune responses is independent of CD11chigh dendritic cells. European Journal of Immunology, 2006, 36, 2912-2919. | 1.6 | 52 |
| 144 | Induction of Nitric-Oxide Metabolism in Enterocytes Alleviates Colitis and Inflammation-Associated Colon Cancer. Cell Reports, 2018, 23, 1962-1976. | 2.9 | 51 |

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|---|---|---|---|
| 145 | Murine Monocytes: Origins, Subsets, Fates, and Functions. Microbiology Spectrum, 2016, 4, . | 1.2 | 48 |
| 146 | Recruited Macrophages Control Dissemination of Group A Streptococcus from Infected Soft Tissues. Journal of Immunology, 2011, 187, 6022-6031. | 0.4 | 47 |
| 147 | Non-Identical Twins â€“ Microglia and Monocyte-Derived Macrophages in Acute Injury and Autoimmune Inflammation. Frontiers in Immunology, 2012, 3, 89. | 2.2 | 47 |
| 148 | The Contribution of Dendritic Cells to Host Defenses againstStreptococcus pyogenes. Journal of Infectious Diseases, 2007, 196, 1794-1803. | 1.9 | 46 |
| 149 | Allelic 'choice' governs somatic hypermutation in vivo at the immunoglobulin Îº-chain locus. Nature Immunology, 2007, 8, 715-722. | 7.0 | 45 |
| 150 | Dissecting the Autocrine and Paracrine Roles of the CCR2-CCL2 Axis in Tumor Survival and Angiogenesis. PLoS ONE, 2012, 7, e28305. | 1.1 | 44 |
| 151 | ICAMs Are Not Obligatory for Functional Immune Synapses between Naive CD4ÂT Cells and Lymph Node DCs. Cell Reports, 2018, 22, 849-859. | 2.9 | 43 |
| 152 | Clonal allelic predetermination of immunoglobulin-Îº rearrangement. Nature, 2012, 490, 561-565. | 13.7 | 42 |
| 153 | CX3CR1+c-kit+ Bone Marrow Cells Give Rise to CD103+ and CD103â^' Dendritic Cells with Distinct Functional Properties. Journal of Immunology, 2008, 181, 6178-6188. | 0.4 | 41 |
| 154 | Plasticity of monocyte development and monocyte fates. Immunology Letters, 2020, 227, 66-78. | 1.1 | 41 |
| 155 | Microglial SIRPÎ± regulates the emergence of CD11c+ microglia and demyelination damage in white matter. ELife, 2019, 8, . | 2.8 | 39 |
| 156 | CX3CL1/fractalkine regulates branching and migration of monocyte-derived cells in the mouse olfactory epithelium. Journal of Neuroimmunology, 2008, 205, 80-85. | 1.1 | 38 |
| 157 | The Natural Cytotoxicity Receptor 1 Contribution to Early Clearance of Streptococcus pneumoniae and to Natural Killer-Macrophage Cross Talk. PLoS ONE, 2011, 6, e23472. | 1.1 | 38 |
| 158 | Defining In Vivo Dendritic Cell Functions Using CD11c-DTR Transgenic Mice. Methods in Molecular Biology, 2010, 595, 429-442. | 0.4 | 37 |
| 159 | Efficient Clearance of Aspergillus fumigatus in Murine Lungs by an Ultrashort Antimicrobial Lipopeptide, Palmitoyl-Lys-Ala- <scp>d</scp> Ala-Lys. Antimicrobial Agents and Chemotherapy, 2008, 52, 3118-3126. | 1.4 | 36 |
| 160 | Dynamic imaging reveals promiscuous crosspresentation of blood-borne antigens to naÃ¯ve CD8+ T cells in the bone marrow. Blood, 2013, 122, 193-208. | 0.6 | 35 |
| 161 | Graft-versus-host disease of the CNS is mediated by TNF upregulation in microglia. Journal of Clinical Investigation, 2020, 130, 1315-1329. | 3.9 | 35 |
| 162 | Deletion of cognate CD8 T cells by immature dendritic cells: a novel role for perforin, granzyme A, TREM-1, and TLR7. Blood, 2012, 120, 1647-1657. | 0.6 | 33 |

| # | Article | IF | Citations |
|---|---|---|---|
| 163 | Erythrocyte survival is controlled by microRNA-142. Haematologica, 2017, 102, 676-685. | 1.7 | 33 |
| 164 | Probing in vivo dendritic cell functions by conditional cell ablation. Immunology and Cell Biology, 2008, 86, 409-415. | 1.0 | 32 |
| 165 | CX3CR1 deficiency exacerbates neuronal loss and impairs early regenerative responses in the target-ablated olfactory epithelium. Molecular and Cellular Neurosciences, 2011, 48, 236-245. | 1.0 | 32 |
| 166 | Making the case for chromatin profiling: a new tool to investigate the immune-regulatory landscape. Nature Reviews Immunology, 2015, 15, 585-594. | 10.6 | 32 |
| 167 | Costimulation Requirement for AP-1 and NF-?B Transcription Factor Activation in T Cells. Annals of the New York Academy of Sciences, 1995, 766, 245-252. | 1.8 | 31 |
| 168 | Transcriptional Reprogramming of CD11b+Esamhi Dendritic Cell Identity and Function by Loss of Runx3. PLoS ONE, 2013, 8, e77490. | 1.1 | 30 |
| 169 | Neutralization of proâ€inflammatory monocytes by targeting TLR2 dimerization ameliorates colitis. EMBO Journal, 2016, 35, 685-698. | 3.5 | 30 |
| 170 | Management of gut inflammation through the manipulation of intestinal dendritic cells and macrophages?. Seminars in Immunology, 2011, 23, 58-64. | 2.7 | 29 |
| 171 | MicroRNAâ€142 controls thymocyte proliferation. European Journal of Immunology, 2017, 47, 1142-1152. | 1.6 | 29 |
| 172 | Fate Mapping Reveals Origins and Dynamics of Monocytes and Tissue Macrophages under Homeostasis. Immunity, 2013, 38, 1073-1079. | 6.6 | 26 |
| 173 | Pneumococcal Capsular Polysaccharide Is Immunogenic When Present on the Surface of Macrophages and Dendritic Cells: TLR4 Signaling Induced by a Conjugate Vaccine or by Lipopolysaccharide Is Conducive. Journal of Immunology, 2008, 180, 2409-2418. | 0.4 | 25 |
| 174 | Defining murine monocyte differentiation into colonic and ileal macrophages. ELife, 2020, 9, . | 2.8 | 25 |
| 175 | Therapy of Murine Pulmonary Aspergillosis with Antibody-Alliinase Conjugates and Alliin. Antimicrobial Agents and Chemotherapy, 2010, 54, 898-906. | 1.4 | 23 |
| 176 | DTRâ€mediated conditional cell ablationâ€”Progress and challenges. European Journal of Immunology, 2018, 48, 1114-1119. | 1.6 | 21 |
| 177 | CD11c.DTR mice develop a fatal fulminant myocarditis after local or systemic treatment with diphtheria toxin. European Journal of Immunology, 2016, 46, 2028-2042. | 1.6 | 20 |
| 178 | Macrophages and monocytes: of tortoises and hares. Nature Reviews Immunology, 2018, 18, 85-86. | 10.6 | 20 |
| 179 | Specialized transendothelial dendritic cells mediate thymic T-cell selection against blood-borne macromolecules. Nature Communications, 2021, 12, 6230. | 5.8 | 20 |
| 180 | Genetically enhancing the expression of chemokine domain of CX3CL1 fails to prevent tau pathology in mouse models of tauopathy. Journal of Neuroinflammation, 2018, 15, 278. | 3.1 | 18 |

| # | Article | IF | Citations |
|---|---|---|---|
| 181 | Interleukin 10 Restores Lipopolysaccharide-Induced Alterations in Synaptic Plasticity Probed by Repetitive Magnetic Stimulation. Frontiers in Immunology, 2020, 11, 614509. | 2.2 | 18 |
| 182 | Quantitative analysis of intravenously administered contrast media reveals changes in vascular barrier functions in a murine colitis model. Magnetic Resonance in Medicine, 2011, 66, 235-243. | 1.9 | 17 |
| 183 | The Axis of Tolerance. Science, 2014, 343, 1439-1440. | 6.0 | 17 |
| 184 | Nanoparticulate vaccine inhibits tumor growth via improved T cell recruitment into melanoma and huHER2 breast cancer. Nanomedicine: Nanotechnology, Biology, and Medicine, 2018, 14, 835-847. | 1.7 | 17 |
| 185 | DC Respond to Cognate T Cell Interaction in the Antigen-Challenged Lymph Node. Frontiers in Immunology, 2019, 10, 863. | 2.2 | 16 |
| 186 | Obesity and dysregulated central and peripheral macrophageâ€“neuron crossâ€talk. European Journal of Immunology, 2019, 49, 19-29. | 1.6 | 15 |
| 187 | Mouse Modeling Dissecting Macrophageâ€“Breast Cancer Communication Uncovered Roles of PYK2 in Macrophage Recruitment and Breast Tumorigenesis. Advanced Science, 2022, 9, e2105696. | 5.6 | 14 |
| 188 | Good, bad and beautifulâ€”the role of dendritic cells in autoimmunity. Autoimmunity Reviews, 2004, 3, 54-60. | 2.5 | 12 |
| 189 | Bacterial infection disrupts established germinal center reactions through monocyte recruitment and impaired metabolic adaptation. Immunity, 2022, 55, 442-458.e8. | 6.6 | 12 |
| 190 | Bone marrow chimeric mice reveal a role for CX3CR1 in maintenance of the monocyte-derived cell population in the olfactory neuroepithelium. Journal of Leukocyte Biology, 2010, 88, 645-654. | 1.5 | 11 |
| 191 | Macrophage precursor cells from the left atrial appendage of the heart spontaneously reprogram into a C-kit+/CD45â^' stem cell-like phenotype. International Journal of Cardiology, 2016, 209, 296-306. | 0.8 | 10 |
| 192 | Rac1 functions downstream of miR-142 in regulation of erythropoiesis. Haematologica, 2017, 102, e476-e480. | 1.7 | 9 |
| 193 | Intravital visualization of interactions of murine Peyer's patchâ€resident dendritic cells with M cells. European Journal of Immunology, 2020, 50, 537-547. | 1.6 | 9 |
| 194 | Mouse Dendritic Cells Pulsed with Capsular Polysaccharide Induce Resistance to Lethal Pneumococcal Challenge: Roles of T Cells and B Cells. PLoS ONE, 2012, 7, e39193. | 1.1 | 6 |
| 195 | Tongue immune compartment analysis reveals spatial macrophage heterogeneity. ELife, 0, 11, . | 2.8 | 6 |
| 196 | Dendritic Cells: A Question of Upbringing. Immunity, 2010, 32, 502-504. | 6.6 | 5 |
| 197 | Probing In Vivo Origins of Mononuclear Phagocytes by Conditional Ablation and Reconstitution. Methods in Molecular Biology, 2009, 531, 71-87. | 0.4 | 5 |
| 198 | TLR2 Dimerization Blockade Allows Generation of Homeostatic Intestinal Macrophages under Acute Colitis Challenge. Journal of Immunology, 2020, 204, 707-717. | 0.4 | 4 |

| # | Article | IF | Citations |
|---|---|---|---|
| 199 | Signalling intermediates of CD28. Research in Immunology, 1995, 146, 154-158. | 0.9 | 3 |
| 200 | In Vivo Analysis of Intestinal Mononuclear Phagocytes. Methods in Molecular Biology, 2016, 1423, 255-268. | 0.4 | 2 |
| 201 | Murine Monocytes: Origins, Subsets, Fates, and Functions. , 2017, , 141-153. | | 2 |
| 202 | Bone marrow dendritic cells support the survival of chronic lymphocytic leukemia cells in a CD84 dependent manner. Oncogene, 2020, 39, 1997-2008. | 2.6 | 2 |
| 203 | Polyglutamine-Related Aggregates Can Serve as a Potent Antigen Source for Cross-Presentation by Dendritic Cells. Journal of Immunology, 2020, 205, 2583-2594. | 0.4 | 2 |
| 204 | Unraveling Chemokine and Chemokine Receptor Expression Patterns Using Genetically Engineered Mice. Methods in Molecular Biology, 2013, 1013, 129-144. | 0.4 | 2 |
| 205 | DNA-catching BM macrophages set hematopoiesis. Blood, 2019, 134, 1274-1275. | 0.6 | 1 |
| 206 | Food colors caught red-handed. Cell Metabolism, 2021, 33, 1267-1269. | 7.2 | 1 |
| 207 | A rescue gone wrong. Nature Immunology, 2011, 12, 1137-1138. | 7.0 | 0 |
| 208 | Monocytes give rise to mucosal, but not splenic, conventional dendritic cells. Journal of Cell Biology, 2007, 176, i3-i3. | 2.3 | 0 |