# Wolfgang KastenmÃ¼ller

List of Publications by Year
in descending order



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|---|---|---|---|
| 43 papers | 7,530 citations | 126907 33 h-index | 254184 43 g-index |
| 81 all docs | 81 docs citations | 81 times ranked | 13493 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | A multifunctional mouse model to study the role of Samd3. European Journal of Immunology, 2022, 52, 328-337. | 2.9 | 3 |
| 2 | The glucose transporter GLUT3 controls T helper 17 cell responses through glycolytic-epigenetic reprogramming. Cell Metabolism, 2022, 34, 516-532.e11. | 16.2 | 70 |
| 3 | Type 1 conventional dendritic cells maintain and guide the differentiation of precursors of exhausted TÂcells in distinct cellular niches. Immunity, 2022, 55, 656-670.e8. | 14.3 | 41 |
| 4 | Accumulation of cytotoxic T cells in the aged CNS leads to axon degeneration and contributes to cognitive and motor decline. Nature Aging, 2021, 1, 357-367. | 11.6 | 40 |
| 5 | Neutrophils self-limit swarming to contain bacterial growth in vivo. Science, 2021, 372, . | 12.6 | 76 |
| 6 | Translation of Collagen Ultrastructure to Biomaterial Fabrication for Materialâ€Independent but Highly Efficient Topographic Immunomodulation. Advanced Materials, 2021, 33, e2101228. | 21.0 | 23 |
| 7 | Effector differentiation downstream of lineage commitment in ILC1s is driven by Hobit across tissues. Nature Immunology, 2021, 22, 1256-1267. | 14.5 | 55 |
| 8 | Spatiotemporal regulation of type I interferon expression determines the antiviral polarization of CD4+ T cells. Nature Immunology, 2020, 21, 321-330. | 14.5 | 59 |
| 9 | BATF3 programs CD8+ T cell memory. Nature Immunology, 2020, 21, 1397-1407. | 14.5 | 80 |
| 10 | A Triad of Immune Cells Promotes Infection. Immunity, 2019, 51, 5-7. | 14.3 | 5 |
| 11 | Microbiota-Derived Short-Chain Fatty Acids Promote the Memory Potential of Antigen-Activated CD8+ T Cells. Immunity, 2019, 51, 285-297.e5. | 14.3 | 378 |
| 12 | Lymphatic Endothelial Cells Are Essential Components of the Subcapsular Sinus Macrophage Niche. Immunity, 2019, 50, 1453-1466.e4. | 14.3 | 97 |
| 13 | Concepts of <scp>GPCR</scp>â€controlled navigation in the immune system. Immunological Reviews, 2019, 289, 205-231. | 6.0 | 107 |
| 14 | Charcotâ€“Leyden Crystals Activate the NLRP3 Inflammasome and Cause IL-1Î² Inflammation in Human Macrophages. Journal of Immunology, 2019, 202, 550-558. | 0.8 | 52 |
| 15 | InÂVivo Labeling by CD73 Marks Multipotent Stromal Cells and Highlights Endothelial Heterogeneity in the Bone Marrow Niche. Cell Stem Cell, 2018, 22, 262-276.e7. | 11.1 | 47 |
| 16 | Rescue of T-cell function during persistent pulmonary adenoviral infection by Toll-like receptor 9 activation. Journal of Allergy and Clinical Immunology, 2018, 141, 416-419.e10. | 2.9 | 2 |
| 17 | Perforin inhibition protects from lethal endothelial damage during fulminant viral hepatitis. Nature Communications, 2018, 9, 4805. | 12.8 | 21 |
| 18 | CD4+ T cell help in cancer immunology and immunotherapy. Nature Reviews Immunology, 2018, 18, 635-647. | 22.7 | 1,030 |

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|---|---|---|---|
| 19 | CD8+ T Cells Orchestrate pDC-XCR1+ Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. Immunity, 2017, 46, 205-219. | 14.3 | 278 |
| 20 | Gut microbial translocation corrupts myeloid cell function to control bacterial infection during liver cirrhosis. Gut, 2017, 66, 507-518. | 12.1 | 65 |
| 21 | Reactive Neutrophil Responses Dependent on the Receptor Tyrosine Kinase c-MET Limit Cancer Immunotherapy. Immunity, 2017, 47, 789-802.e9. | 14.3 | 207 |
| 22 | Dendritic cell and antigen dispersal landscapes regulate T cell immunity. Journal of Experimental Medicine, 2017, 214, 3105-3122. | 8.5 | 142 |
| 23 | Lymph node â€“ an organ for Tâ€¢cell activation and pathogen defense. Immunological Reviews, 2016, 271, 200-220. | 6.0 | 109 |
| 24 | Parallels and differences between innate and adaptive lymphocytes. Nature Immunology, 2016, 17, 490-494. | 14.5 | 37 |
| 25 | Moving at the frontline. ELife, 2016, 5, . | 6.0 | 1 |
| 26 | Lymph-Node Resident CD8Î±+ Dendritic Cells Capture Antigens from Migratory Malaria Sporozoites and Induce CD8+ T Cell Responses. PLoS Pathogens, 2015, 11, e1004637. | 4.7 | 96 |
| 27 | Functional classification of memory CD8+ T cells by CX3CR1 expression. Nature Communications, 2015, 6, 8306. | 12.8 | 231 |
| 28 | Robust Anti-viral Immunity Requires Multiple Distinct T Cell-Dendritic Cell Interactions. Cell, 2015, 162, 1322-1337. | 28.9 | 299 |
| 29 | IL-6 trans-Signaling-Dependent Rapid Development of Cytotoxic CD8+ T Cell Function. Cell Reports, 2014, 8, 1318-1327. | 6.4 | 81 |
| 30 | IFN-gamma AU-rich element removal promotes chronic IFN-gamma expression and autoimmunity in mice. Journal of Autoimmunity, 2014, 53, 33-45. | 6.5 | 95 |
| 31 | Ultraviolet-radiation-induced inflammation promotes angiotropism and metastasis in melanoma. Nature, 2014, 507, 109-113. | 27.8 | 547 |
| 32 | Tuning of Antigen Sensitivity by T Cell Receptor-Dependent Negative Feedback Controls T Cell Effector Function in Inflamed Tissues. Immunity, 2014, 40, 235-247. | 14.3 | 210 |
| 33 | Pathogen-Related Differences in the Abundance of Presented Antigen Are Reflected in CD4+ T Cell Dynamic Behavior and Effector Function in the Lung. Journal of Immunology, 2014, 192, 1651-1660. | 0.8 | 22 |
| 34 | Spatiotemporal Basis of Innate and Adaptive Immunity in Secondary Lymphoid Tissue. Annual Review of Cell and Developmental Biology, 2014, 30, 141-167. | 9.4 | 146 |
| 35 | Dendritic cell-targeted vaccines â€" hope or hype?. Nature Reviews Immunology, 2014, 14, 705-711. | 22.7 | 189 |
| 36 | The adaptor ASC has extracellular and 'prionoid' activities that propagate inflammation. Nature Immunology, 2014, 15, 727-737. | 14.5 | 651 |

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|---|---|---|---|
| 37 | Peripheral Prepositioning and Local CXCL9 Chemokine-Mediated Guidance Orchestrate Rapid Memory CD8+ T Cell Responses in the Lymph Node. Immunity, 2013, 38, 502-513. | 14.3 | 187 |
| 38 | Neutrophil swarms require LTB4 and integrins at sites of cell death in vivo. Nature, 2013, 498, 371-375. | 27.8 | 800 |
| 39 | Histo-Cytometry: A Method for Highly Multiplex Quantitative Tissue Imaging Analysis Applied to Dendritic Cell Subset Microanatomy in Lymph Nodes. Immunity, 2012, 37, 364-376. | 14.3 | 365 |
| 40 | A Spatially-Organized Multicellular Innate Immune Response in Lymph Nodes Limits Systemic Pathogen Spread. Cell, 2012, 150, 1235-1248. | 28.9 | 339 |
| 41 | Regulatory T Cells Selectively Control CD8+ T Cell Effector Pool Size via IL-2 Restriction. Journal of Immunology, 2011, 187, 3186-3197. | 0.8 | 74 |
| 42 | Protective T cell immunity in mice following protein-TLR7/8 agonist-conjugate immunization requires aggregation, type I IFN, and multiple DC subsets. Journal of Clinical Investigation, 2011, 121, 1782-1796. | 8.2 | 153 |
| 43 | The in situ dynamics of dendritic cell interactions. European Journal of Immunology, 2010, 40, 2103-2106. | 2.9 | 20 |