

Wolfgang Kastenmüller

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4232132/publications.pdf>

Version: 2024-02-01

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	CD4+ T cell help in cancer immunology and immunotherapy. <i>Nature Reviews Immunology</i> , 2018, 18, 635-647.	22.7	1,030
2	Neutrophil swarms require LTB4 and integrins at sites of cell death in vivo. <i>Nature</i> , 2013, 498, 371-375.	27.8	800
3	The adaptor ASC has extracellular and 'prionoid' activities that propagate inflammation. <i>Nature Immunology</i> , 2014, 15, 727-737.	14.5	651
4	Ultraviolet-radiation-induced inflammation promotes angiotropism and metastasis in melanoma. <i>Nature</i> , 2014, 507, 109-113.	27.8	547
5	Microbiota-Derived Short-Chain Fatty Acids Promote the Memory Potential of Antigen-Activated CD8+ T Cells. <i>Immunity</i> , 2019, 51, 285-297.e5.	14.3	378
6	Histo-Cytometry: A Method for Highly Multiplex Quantitative Tissue Imaging Analysis Applied to Dendritic Cell Subset Microanatomy in Lymph Nodes. <i>Immunity</i> , 2012, 37, 364-376.	14.3	365
7	A Spatially-Organized Multicellular Innate Immune Response in Lymph Nodes Limits Systemic Pathogen Spread. <i>Cell</i> , 2012, 150, 1235-1248.	28.9	339
8	Robust Anti-viral Immunity Requires Multiple Distinct T Cell-Dendritic Cell Interactions. <i>Cell</i> , 2015, 162, 1322-1337.	28.9	299
9	CD8+ T Cells Orchestrate pDC-XCR1+ Dendritic Cell Spatial and Functional Cooperativity to Optimize Priming. <i>Immunity</i> , 2017, 46, 205-219.	14.3	278
10	Functional classification of memory CD8+ T cells by CX3CR1 expression. <i>Nature Communications</i> , 2015, 6, 8306.	12.8	231
11	Tuning of Antigen Sensitivity by T Cell Receptor-Dependent Negative Feedback Controls T Cell Effector Function in Inflamed Tissues. <i>Immunity</i> , 2014, 40, 235-247.	14.3	210
12	Reactive Neutrophil Responses Dependent on the Receptor Tyrosine Kinase c-MET Limit Cancer Immunotherapy. <i>Immunity</i> , 2017, 47, 789-802.e9.	14.3	207
13	Dendritic cell-targeted vaccines â€” hope or hype?. <i>Nature Reviews Immunology</i> , 2014, 14, 705-711.	22.7	189
14	Peripheral Prepositioning and Local CXCL9 Chemokine-Mediated Guidance Orchestrate Rapid Memory CD8+ T Cell Responses in the Lymph Node. <i>Immunity</i> , 2013, 38, 502-513.	14.3	187
15	Protective T cell immunity in mice following protein-TLR7/8 agonist-conjugate immunization requires aggregation, type I IFN, and multiple DC subsets. <i>Journal of Clinical Investigation</i> , 2011, 121, 1782-1796.	8.2	153
16	Spatiotemporal Basis of Innate and Adaptive Immunity in Secondary Lymphoid Tissue. <i>Annual Review of Cell and Developmental Biology</i> , 2014, 30, 141-167.	9.4	146
17	Dendritic cell and antigen dispersal landscapes regulate T cell immunity. <i>Journal of Experimental Medicine</i> , 2017, 214, 3105-3122.	8.5	142
18	Lymph node â€” an organ for T cell activation and pathogen defense. <i>Immunological Reviews</i> , 2016, 271, 200-220.	6.0	109

#	ARTICLE	IF	CITATIONS
19	Concepts of GPCR-controlled navigation in the immune system. <i>Immunological Reviews</i> , 2019, 289, 205-231.	6.0	107
20	Lymphatic Endothelial Cells Are Essential Components of the Subcapsular Sinus Macrophage Niche. <i>Immunity</i> , 2019, 50, 1453-1466.e4.	14.3	97
21	Lymph-Node Resident CD8 ⁺ Dendritic Cells Capture Antigens from Migratory Malaria Sporozoites and Induce CD8 ⁺ T Cell Responses. <i>PLoS Pathogens</i> , 2015, 11, e1004637.	4.7	96
22	IFN-gamma AU-rich element removal promotes chronic IFN-gamma expression and autoimmunity in mice. <i>Journal of Autoimmunity</i> , 2014, 53, 33-45.	6.5	95
23	IL-6 trans-Signaling-Dependent Rapid Development of Cytotoxic CD8 ⁺ T Cell Function. <i>Cell Reports</i> , 2014, 8, 1318-1327.	6.4	81
24	BATF3 programs CD8 ⁺ T cell memory. <i>Nature Immunology</i> , 2020, 21, 1397-1407.	14.5	80
25	Neutrophils self-limit swarming to contain bacterial growth in vivo. <i>Science</i> , 2021, 372, .	12.6	76
26	Regulatory T Cells Selectively Control CD8 ⁺ T Cell Effector Pool Size via IL-2 Restriction. <i>Journal of Immunology</i> , 2011, 187, 3186-3197.	0.8	74
27	The glucose transporter GLUT3 controls T helper 17 cell responses through glycolytic-epigenetic reprogramming. <i>Cell Metabolism</i> , 2022, 34, 516-532.e11.	16.2	70
28	Gut microbial translocation corrupts myeloid cell function to control bacterial infection during liver cirrhosis. <i>Gut</i> , 2017, 66, 507-518.	12.1	65
29	Spatiotemporal regulation of type I interferon expression determines the antiviral polarization of CD4 ⁺ T cells. <i>Nature Immunology</i> , 2020, 21, 321-330.	14.5	59
30	Effector differentiation downstream of lineage commitment in ILC1s is driven by Hobit across tissues. <i>Nature Immunology</i> , 2021, 22, 1256-1267.	14.5	55
31	Charcot-Leyden Crystals Activate the NLRP3 Inflammasome and Cause IL-1 ^β Inflammation in Human Macrophages. <i>Journal of Immunology</i> , 2019, 202, 550-558.	0.8	52
32	In Vivo Labeling by CD73 Marks Multipotent Stromal Cells and Highlights Endothelial Heterogeneity in the Bone Marrow Niche. <i>Cell Stem Cell</i> , 2018, 22, 262-276.e7.	11.1	47
33	Type 1 conventional dendritic cells maintain and guide the differentiation of precursors of exhausted T _H cells in distinct cellular niches. <i>Immunity</i> , 2022, 55, 656-670.e8.	14.3	41
34	Accumulation of cytotoxic T cells in the aged CNS leads to axon degeneration and contributes to cognitive and motor decline. <i>Nature Aging</i> , 2021, 1, 357-367.	11.6	40
35	Parallels and differences between innate and adaptive lymphocytes. <i>Nature Immunology</i> , 2016, 17, 490-494.	14.5	37
36	Translation of Collagen Ultrastructure to Biomaterial Fabrication for Material-Independent but Highly Efficient Topographic Immunomodulation. <i>Advanced Materials</i> , 2021, 33, e2101228.	21.0	23

#	ARTICLE	IF	CITATIONS
37	Pathogen-Related Differences in the Abundance of Presented Antigen Are Reflected in CD4+ T Cell Dynamic Behavior and Effector Function in the Lung. <i>Journal of Immunology</i> , 2014, 192, 1651-1660.	0.8	22
38	Perforin inhibition protects from lethal endothelial damage during fulminant viral hepatitis. <i>Nature Communications</i> , 2018, 9, 4805.	12.8	21
39	The <i>in situ</i> dynamics of dendritic cell interactions. <i>European Journal of Immunology</i> , 2010, 40, 2103-2106.	2.9	20
40	A Triad of Immune Cells Promotes Infection. <i>Immunity</i> , 2019, 51, 5-7.	14.3	5
41	A multifunctional mouse model to study the role of Samd3. <i>European Journal of Immunology</i> , 2022, 52, 328-337.	2.9	3
42	Rescue of T-cell function during persistent pulmonary adenoviral infection by Toll-like receptor 9 activation. <i>Journal of Allergy and Clinical Immunology</i> , 2018, 141, 416-419.e10.	2.9	2
43	Moving at the frontline. <i>ELife</i> , 2016, 5, .	6.0	1