

# Thomas Krausgruber

## List of Publications by Year in descending order

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Version: 2024-02-01

41  
papers

5,725  
citations

201575

27  
h-index

315616

38  
g-index

50  
all docs

50  
docs citations

50  
times ranked

10543  
citing authors

#	ARTICLE	IF	CITATIONS
1	IRF5 promotes inflammatory macrophage polarization and TH1-TH17 responses. <i>Nature Immunology</i> , 2011, 12, 231-238.	7.0	1,068
2	The alarmin IL-33 promotes regulatory T-cell function in the intestine. <i>Nature</i> , 2014, 513, 564-568.	13.7	846
3	Pooled CRISPR screening with single-cell transcriptome readout. <i>Nature Methods</i> , 2017, 14, 297-301.	9.0	749
4	Single-Cell Transcriptomics of Regulatory T Cells Reveals Trajectories of Tissue Adaptation. <i>Immunity</i> , 2019, 50, 493-504.e7.	6.6	352
5	Structural cells are key regulators of organ-specific immune responses. <i>Nature</i> , 2020, 583, 296-302.	13.7	292
6	Microbiota-Derived Metabolites Suppress Arthritis by Amplifying Aryl-Hydrocarbon Receptor Activation in Regulatory B Cells. <i>Cell Metabolism</i> , 2020, 31, 837-851.e10.	7.2	290
7	Epithelial-derived IL-18 regulates Th17 cell differentiation and Foxp3+ Treg cell function in the intestine. <i>Mucosal Immunology</i> , 2015, 8, 1226-1236.	2.7	178
8	Granulocyte Macrophage Colony-Stimulating Factor-Activated Eosinophils Promote Interleukin-23 Driven Chronic Colitis. <i>Immunity</i> , 2015, 43, 187-199.	6.6	150
9	Transcriptional Regulation of the Endogenous Danger Signal Tenascin-C: A Novel Autocrine Loop in Inflammation. <i>Journal of Immunology</i> , 2010, 184, 2655-2662.	0.4	136
10	Ultra-high-throughput single-cell RNA sequencing and perturbation screening with combinatorial fluidic indexing. <i>Nature Methods</i> , 2021, 18, 635-642.	9.0	129
11	Single-cell transcriptomics combined with interstitial fluid proteomics defines cell type-specific immune regulation in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 1056-1069.	1.5	114
12	Unraveling the signaling pathways promoting fibrosis in Dupuytren's disease reveals TNF as a therapeutic target. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, E928-37.	3.3	112
13	Hyperglycemia Induces Trained Immunity in Macrophages and Their Precursors and Promotes Atherosclerosis. <i>Circulation</i> , 2021, 144, 961-982.	1.6	109
14	The role of transposable elements in the regulation of IFN- $\gamma$ 1 gene expression. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 11564-11569.	3.3	108
15	Aryl Hydrocarbon Receptor Contributes to the Transcriptional Program of IL-10-Producing Regulatory B Cells. <i>Cell Reports</i> , 2019, 29, 1878-1892.e7.	2.9	107
16	IRF5 is required for late-phase TNF secretion by human dendritic cells. <i>Blood</i> , 2010, 115, 4421-4430.	0.6	99
17	Chromatin accessibility profiling methods. <i>Nature Reviews Methods Primers</i> , 2021, 1, .	11.8	95
18	Circadian rhythm influences induction of trained immunity by BCG vaccination. <i>Journal of Clinical Investigation</i> , 2020, 130, 5603-5617.	3.9	95

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19	Persistence of mature dendritic cells, T <sub>H</sub> 2A, and Tc2 cells characterize clinically resolved atopic dermatitis under IL-4R $\alpha$ blockade. <i>Science Immunology</i> , 2021, 6, .	5.6	76
20	T-bet is a key modulator of IL-23-driven pathogenic CD4 <sup>+</sup> T cell responses in the intestine. <i>Nature Communications</i> , 2016, 7, 11627.	5.8	73
21	Chromatin mapping and single-cell immune profiling define the temporal dynamics of ibrutinib response in CLL. <i>Nature Communications</i> , 2020, 11, 577.	5.8	69
22	KAP1/TRIM28: An inhibitor of IRF5 function in inflammatory macrophages. <i>Immunobiology</i> , 2012, 217, 1315-1324.	0.8	61
23	Long-term skin-resident memory T cells proliferate in situ and are involved in human graft-versus-host disease. <i>Science Translational Medicine</i> , 2020, 12, .	5.8	57
24	Single-cell analysis reveals innate lymphoid cell lineage infidelity in atopic dermatitis. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 624-639.	1.5	48
25	STAT3 promotes melanoma metastasis by CEBP-induced repression of the MITF pathway. <i>Oncogene</i> , 2021, 40, 1091-1105.	2.6	42
26	Defining the microbial transcriptional response to colitis through integrated host and microbiome profiling. <i>ISME Journal</i> , 2016, 10, 2389-2404.	4.4	40
27	Combined chemosensitivity and chromatin profiling prioritizes drug combinations in CLL. <i>Nature Chemical Biology</i> , 2019, 15, 232-240.	3.9	34
28	Human resident memory T cells exit the skin and mediate systemic Th2-driven inflammation. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	32
29	Rapid neutrophil mobilization by VCAM-1 <sup>+</sup> endothelial cell-derived extracellular vesicles. <i>Cardiovascular Research</i> , 2023, 119, 236-251.	1.8	22
30	Spontaneously Resolved Atopic Dermatitis Shows Melanocyte and Immune Cell Activation Distinct From Healthy Control Skin. <i>Frontiers in Immunology</i> , 2021, 12, 630892.	2.2	21
31	$\hat{I}\hat{2}\hat{3}\hat{I}$ T cells play a vital role in fetal human skin development and immunity. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	17
32	Comprehensive Analysis of Nasal Polyps Reveals a More Pronounced Type 2 Transcriptomic Profile of Epithelial Cells and Mast Cells in Aspirin-Exacerbated Respiratory Disease. <i>Frontiers in Immunology</i> , 2022, 13, 850494.	2.2	14
33	Beyond the enhanceosome: cluster of novel $\hat{I}^B$ sites downstream of the human IFN- $\hat{I}^2$ gene is essential for lipopolysaccharide-induced gene activation. <i>Blood</i> , 2010, 116, 5580-5588.	0.6	13
34	The Transcription Factor MAZR/PATZ1 Regulates the Development of FOXP3 <sup>+</sup> Regulatory T Cells. <i>Cell Reports</i> , 2019, 29, 4447-4459.e6.	2.9	13
35	NCOR1 Orchestrates Transcriptional Landscapes and Effector Functions of CD4 <sup>+</sup> T Cells. <i>Frontiers in Immunology</i> , 2020, 11, 579.	2.2	13
36	Anti-Apoptotic Molecule BCL2 Is a Therapeutic Target in Steroid-Refractory Graft-Versus-Host Disease. <i>Journal of Investigative Dermatology</i> , 2020, 140, 2188-2198.	0.3	11

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37	The molecular and phenotypic makeup of fetal human skin T lymphocytes. <i>Development (Cambridge)</i> , 2022, 149, .	1.2	5
38	SS5-2 IRF5 as a defining factor of M1 macrophage polarization. <i>Cytokine</i> , 2010, 52, 44.	1.4	1
39	Diabetes-induced innate immune memory drives inflammation and atherosclerosis, despite restoration of normoglycaemia. , 2018, , .		1
40	033 Expansion of BCL2+ lymphocytes in cutaneous graft-versus host disease is associated with steroid resistance and poor prognosis. <i>Journal of Investigative Dermatology</i> , 2019, 139, S220.	0.3	0
41	Integrated ATAC-Seq and Chemosensitivity Profiling Identifies Rational Drug Combinations in Ibrutinib-Treated CLL Patients. <i>Blood</i> , 2017, 130, 800-800.	0.6	0