Axel Kallies

List of Publications by Year
in descending order

88 papers	11,795 citations	47006 47 h-index	51608 86 g-index
91 all docs	91 docs citations	91 times ranked	17322 citing authors

#	Article	IF	Citations
1	Foxp3+ follicular regulatory T cells control the germinal center response. Nature Medicine, 2011, 17, 975-982.	30.7	1,092
2	Defining â€˜T cell exhaustionâ€™. Nature Reviews Immunology, 2019, 19, 665-674.	22.7	879
3	Hobit and Blimp1 instruct a universal transcriptional program of tissue residency in lymphocytes. Science, 2016, 352, 459-463.	12.6	721
4	The transcription factors Blimp-1 and IRF4 jointly control the differentiation and function of effector regulatory T cells. Nature Immunology, 2011, 12, 304-311.	14.5	530
5	Plasma Cell Ontogeny Defined by Quantitative Changes in Blimp-1 Expression. Journal of Experimental Medicine, 2004, 200, 967-977.	8.5	470
6	T-box Transcription Factors Combine with the Cytokines TGF-Î² and IL-15 to Control Tissue-Resident Memory T Cell Fate. Immunity, 2015, 43, 1101-1111.	14.3	457
7	Interleukin-10-Producing Plasmablasts Exert Regulatory Function in Autoimmune Inflammation. Immunity, 2014, 41, 1040-1051.	14.3	450
8	The transcriptional regulators IRF4, BATF and IL-33 orchestrate development and maintenance of adipose tissueâ€“resident regulatory T cells. Nature Immunology, 2015, 16, 276-285.	14.5	442
9	Blimp-1 Transcription Factor Is Required for the Differentiation of Effector CD8+ T Cells and Memory Responses. Immunity, 2009, 31, 283-295.	14.3	424
10	CXCR5+ follicular cytotoxic T cells control viral infection in B cell follicles. Nature Immunology, 2016, 17, 1187-1196.	14.5	385
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	The transcription factor IRF4 is essential for TCR affinityâ€“mediated metabolic programming and clonal expansion of T cells. Nature Immunology, 2013, 14, 1155-1165.	14.5	337
13	Transcription Factor IRF4 Promotes CD8+ T Cell Exhaustion and Limits the Development of Memory-like T Cells during Chronic Infection. Immunity, 2017, 47, 1129-1141.e5.	14.3	335
14	Transcriptional repressor Blimp-1 is essential for T cell homeostasis and self-tolerance. Nature Immunology, 2006, 7, 466-474.	14.5	300
15	Precursor exhausted T cells: key to successful immunotherapy?. Nature Reviews Immunology, 2020, 20, 128-136.	22.7	253
16	T cell responses in the central nervous system. Nature Reviews Immunology, 2017, 17, 179-194.	22.7	219
17	Blocking IL-6 trans-Signaling Prevents High-Fat Diet-Induced Adipose Tissue Macrophage Recruitment but Does Not Improve Insulin Resistance. Cell Metabolism, 2015, 21, 403-416.	16.2	208
18	Severe Malaria Infections Impair Germinal Center Responses by Inhibiting T Follicular Helper Cell Differentiation. Cell Reports, 2016, 14, 68-81.	6.4	193

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19	Transcriptional Regulation of Tissue-Resident Lymphocytes. Trends in Immunology, 2017, 38, 94-103.	6.8	164
20	MAIT cells contribute to protection against lethal influenza infection in vivo. Nature Communications, 2018, 9, 4706.	12.8	160
21	Early precursor T cells establish and propagate T cell exhaustion in chronic infection. Nature Immunology, 2020, 21, 1256-1266.	14.5	160
22	A molecular threshold for effector CD8+ T cell differentiation controlled by transcription factors Blimp-1 and T-bet. Nature Immunology, 2016, 17, 422-432.	14.5	145
23	Sex-specific adipose tissue imprinting of regulatory T cells. Nature, 2020, 579, 581-585.	27.8	141
24	Transcription Factor T-bet Orchestrates Lineage Development and Function in the Immune System. Trends in Immunology, 2017, 38, 287-297.	6.8	138
25	c-Maf-dependent Treg cell control of intestinal TH17 cells and IgA establishes hostâ€“microbiota homeostasis. Nature Immunology, 2019, 20, 471-481.	14.5	138
26	IL-18 Production from the NLRP1 Inflammasome Prevents Obesity and Metabolic Syndrome. Cell Metabolism, 2016, 23, 155-164.	16.2	133
27	Local Modulation of Antigen-Presenting Cell Development after Resolution of Pneumonia Induces Long-Term Susceptibility to Secondary Infections. Immunity, 2017, 47, 135-147.e5.	14.3	133
28	Terminal differentiation of lymphocytes depends on Blimp-1. Current Opinion in Immunology, 2007, 19, 156-162.	5.5	118
29	Eomesodermin promotes the development of type 1 regulatory T (T _R 1) cells. Science Immunology, 2017, 2, .	11.9	118
30	The TNF Receptor Superfamily-NF-ÎºB Axis Is Critical to Maintain Effector Regulatory T Cells in Lymphoid and Non-lymphoid Tissues. Cell Reports, 2017, 20, 2906-2920.	6.4	115
31	Synchronizing transcriptional control of T cell metabolism and function. Nature Reviews Immunology, 2015, 15, 574-584.	22.7	111
32	IRF4 instructs effector Treg differentiation and immune suppression in human cancer. Journal of Clinical Investigation, 2020, 130, 3137-3150.	8.2	103
33	Discrete tissue microenvironments instruct diversity in resident memory T cell function and plasticity. Nature Immunology, 2021, 22, 1140-1151.	14.5	96
34	Blimp-1-Dependent IL-10 Production by Tr1 Cells Regulates TNF-Mediated Tissue Pathology. PLoS Pathogens, 2016, 12, e1005398.	4.7	92
35	Blimp1 Prevents Methylation of Foxp3 and Loss of Regulatory T Cell Identity at Sites of Inflammation. Cell Reports, 2019, 26, 1854-1868.e5.	6.4	91
36	IL-27 and IL-12 oppose pro-inflammatory IL-23 in CD4+ T cells by inducing Blimp1. Nature Communications, 2014, 5, 3770.	12.8	90

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37	Cellular networks controlling T cell persistence in adoptive cell therapy. Nature Reviews Immunology, 2021, 21, 769-784.	22.7	83
38	Transforming growth factor-Î²-regulated mTOR activity preserves cellular metabolism to maintain long-term TÂcell responses in chronic infection. Immunity, 2021, 54, 1698-1714.e5.	14.3	82
39	Id2-Mediated Inhibition of E2A Represses Memory CD8+ T Cell Differentiation. Journal of Immunology, 2013, 190, 4585-4594.	0.8	81
40	BATF3 programs CD8+ T cell memory. Nature Immunology, 2020, 21, 1397-1407.	14.5	80
41	Fas ligandâ€“mediated immune surveillance by T cells is essential for the control of spontaneous B cell lymphomas. Nature Medicine, 2014, 20, 283-290.	30.7	79
42	Intact TP-53 function is essential for sustaining durable responses to BH3-mimetic drugs in leukemias. Blood, 2021, 137, 2721-2735.	1.4	75
43	Increased lipid metabolism impairs NK cell function and mediates adaptation to the lymphoma environment. Blood, 2020, 136, 3004-3017.	1.4	71
44	IL-17+ CD8+ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. Nature Communications, 2019, 10, 5722.	12.8	68
45	Peripheral natural killer cell maturation depends on the transcription factor Aiolos. EMBO Journal, 2014, 33, 2721-2734.	7.8	67
46	Blimpâ€1 induces and Hobit maintains the cytotoxic mediator granzyme B in CD8 TÂcells. European Journal of Immunology, 2018, 48, 1644-1662.	2.9	61
47	Attenuation of TCR-induced transcription by Bach2 controls regulatory T cell differentiation and homeostasis. Nature Communications, 2020, 11, 252.	12.8	59
48	Glutaminase inhibition impairs CD8 TÂcell activation in STK11-/Lkb1-deficient lung cancer. Cell Metabolism, 2022, 34, 874-887.e6.	16.2	55
49	Dynamic changes in Id3 and E-protein activity orchestrate germinal center and plasma cell development. Journal of Experimental Medicine, 2016, 213, 1095-1111.	8.5	53
50	IRF4 Activity Is Required in Established Plasma Cells to Regulate Gene Transcription and Mitochondrial Homeostasis. Cell Reports, 2019, 29, 2634-2645.e5.	6.4	47
51	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
52	Development and Function of Effector Regulatory T Cells. Progress in Molecular Biology and Translational Science, 2015, 136, 155-174.	1.7	38
53	Transcription Factor T-bet in B Cells Modulates Germinal Center Polarization and Antibody Affinity Maturation in Response to Malaria. Cell Reports, 2019, 29, 2257-2269.e6.	6.4	36
54	NFÎºB1 is essential to prevent the development of multiorgan autoimmunity by limiting IL-6 production in follicular B cells. Journal of Experimental Medicine, 2016, 213, 621-641.	8.5	33

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55	Alarmin-activated B cells accelerate murine atherosclerosis after myocardial infarction via plasma cell-immunoglobulin-dependent mechanisms. European Heart Journal, 2021, 42, 938-947.	2.2	33
56	A new extant family of primitive moths from <scp>K</scp>angaroo <scp>I</scp>sland, <scp>A</scp>ustralia, and its significance for understanding early <scp>L</scp>epidoptera evolution. Systematic Entomology, 2015, 40, 5-16.	3.9	32
57	ILâ€27 paves different roads to Tr1. European Journal of Immunology, 2013, 43, 882-885.	2.9	31
58	Tissue-specific differentiation of CD8+ resident memory T cells. Trends in Immunology, 2021, 42, 876-890.	6.8	30
59	Interleukin (IL)-33 and the IL-1 Family of Cytokinesâ€"Regulators of Inflammation and Tissue Homeostasis. Cold Spring Harbor Perspectives in Biology, 2019, 11, a028506.	5.5	29
60	Tissue-Resident Lymphocytes in Solid Organ Transplantation. Transplantation, 2018, 102, 378-386.	1.0	26
61	Id2 represses E2A-mediated activation of IL-10 expression in T cells. Blood, 2014, 123, 3420-3428.	1.4	23
62	Antigen-driven EGR2 expression is required for exhausted CD8+ T cell stability and maintenance. Nature Communications, 2021, 12, 2782.	12.8	20
63	The Ratio of Exhausted to Resident Infiltrating Lymphocytes Is Prognostic for Colorectal Cancer Patient Outcome. Cancer Immunology Research, 2021, 9, 1125-1140.	3.4	18
64	Resident and migratory adipose immune cells control systemic metabolism and thermogenesis. Cellular and Molecular Immunology, 2022, 19, 421-431.	10.5	18
65	The Regulatory T Cell: Jack-Of-All-Trades. Trends in Immunology, 2015, 36, 756-758.	6.8	17
66	Unlocking autofluorescence in the era of full spectrum analysis: Implications for immunophenotype discovery projects. Cytometry Part A: the Journal of the International Society for Analytical Cytology, 2022, 101, 922-941.	1.5	13
67	Human effector T cells express TOXâ€"Not so â€œTOXâ€ic after all. Science Immunology, 2020, 5, .	11.9	8
68	Caspase-8 has dual roles in regulatory T cell homeostasis balancing immunity to infection and collateral inflammatory damage. Science Immunology, 2022, 7, eabn8041.	11.9	8
69	Tissue-resident memory T cells keep cancer dormant. Cell Research, 2019, 29, 341-342.	12.0	6
70	Methio â€œmineâ€! Cancer cells steal methionine and impair CD8 Tâ€cell function. Immunology and Cell Biology, 2020, 98, 623-625.	2.3	6
71	The Paranthrenini of Mainland China (Lepidoptera, Sesiidae). Zootaxa, 2014, 3811, 185.	0.5	5
72	<p><strong>Laetosphecia, a new genus of clearwing moths from south-eastern China,Âwith a brief review of the Sesiini from China (Lepidoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 57 Td (Sesiidae)&		

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73	The Role of BACH2 in T Cells in Experimental Malaria Caused by Plasmodium chabaudi chabaudi AS. Frontiers in Immunology, 2018, 9, 2578.	4.8	5
74	Dynamic changes to tissue-resident immunity after MHC-matched and MHC-mismatched solid organ transplantation. Cell Reports, 2021, 35, 109141.	6.4	5
75	New records and a revised checklist of the Australian clearwing moths (Lepidoptera: Sesiidae). Australian Journal of Entomology, 2001, 40, 342-348.	1.1	4
76	Whole transcriptome analysis for T cell receptor-affinity and IRF4-regulated clonal expansion of T cells. Genomics Data, 2014, 2, 396-398.	1.3	4
77	Synemon ignita sp. nov., a new sun moth species from southern Australia (Lepidoptera, Castniidae). Zootaxa, 2016, 4092, 436-44.	0.5	4
78	A new species of Aschistophleps from Thailand and Laos, with a new generic synonymy (Lepidoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	0.5	3
79	A new species and new records of Melittiini from China and Vietnam (Lepidoptera, Sesiidae). Zootaxa, 2016, 4205, 162.	0.5	2
80	The Brachodidae of Sub-Saharan Africa (Lepidoptera, Cossoidea),Âwith implications for the origin of the family. Zootaxa, 2016, 4083, 1-39.	0.5	2
81	A new sun moth species from the Flinders Ranges in South Australia (Lepidoptera, Castniidae). Zootaxa, 2018, 4369, 292-300.	0.5	2
82	A new zygaenid moth species from Kangaroo Island, South Australia (Lepidoptera: Zygaenidae:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 38	0.5	1
83	The clearwing moths (Lepidoptera, Sesiidae) of Australia, New Guinea and the Pacific Islands. Zootaxa, 2020, 4833, zootaxa.4833.1.1.	0.5	1
84	<p>ÂÂÂÂÂA new species of the genus Toleria Walker, [1865] from northern Vietnam and Laos with establishment of a new generic synonymy in Cissuvorini (Lepidoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 297 Td	0.5	1 (Sesiidae)
85	A molecular phylogeny and revision of the genus Pyropteron Newman, 1832 (Lepidoptera, Sesiidae) reveals unexpected diversity and frequent hostplant switch as a driver of speciation. Zootaxa, 2021, 4972, 175.	0.5	1
86	The immune system of the liver: 50 years of strangeness. Clinical and Translational Immunology, 2017, 6, e164.	3.8	0
87	Transcription Factor Theftâ€"PU.1 Caught Red-Handed. Immunity, 2018, 48, 1063-1065.	14.3	0
88	<p>New and little-known sun-moth species from Australia (Lepidoptera,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 Td (Castnii	0.5	0