

# Axel Kallies

## List of Publications by Year in descending order

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88  
papers

11,795  
citations

47006

47  
h-index

51608

86  
g-index

91  
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91  
docs citations

91  
times ranked

17322  
citing authors

#	ARTICLE	IF	CITATIONS
1	Resident and migratory adipose immune cells control systemic metabolism and thermogenesis. <i>Cellular and Molecular Immunology</i> , 2022, 19, 421-431.	10.5	18
2	Caspase-8 has dual roles in regulatory T cell homeostasis balancing immunity to infection and collateral inflammatory damage. <i>Science Immunology</i> , 2022, 7, eabn8041.	11.9	8
3	Unlocking autofluorescence in the era of full spectrum analysis: Implications for immunophenotype discovery projects. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2022, 101, 922-941.	1.5	13
4	Type 1 conventional dendritic cells maintain and guide the differentiation of precursors of exhausted T <sub>H</sub> 1 cells in distinct cellular niches. <i>Immunity</i> , 2022, 55, 656-670.e8.	14.3	41
5	Glutaminase inhibition impairs CD8 T <sub>H</sub> 1 cell activation in STK11-/Lkb1-deficient lung cancer. <i>Cell Metabolism</i> , 2022, 34, 874-887.e6.	16.2	55
6	Alarmin-activated B cells accelerate murine atherosclerosis after myocardial infarction via plasma cell-immunoglobulin-dependent mechanisms. <i>European Heart Journal</i> , 2021, 42, 938-947.	2.2	33
7	Cellular networks controlling T cell persistence in adoptive cell therapy. <i>Nature Reviews Immunology</i> , 2021, 21, 769-784.	22.7	83
8	A molecular phylogeny and revision of the genus <i>Pyropteron</i> Newman, 1832 (Lepidoptera, Sesiidae) reveals unexpected diversity and frequent hostplant switch as a driver of speciation. <i>Zootaxa</i> , 2021, 4972, 175.	0.5	1
9	Intact TP-53 function is essential for sustaining durable responses to BH3-mimetic drugs in leukemias. <i>Blood</i> , 2021, 137, 2721-2735.	1.4	75
10	Dynamic changes to tissue-resident immunity after MHC-matched and MHC-mismatched solid organ transplantation. <i>Cell Reports</i> , 2021, 35, 109141.	6.4	5
11	Antigen-driven EGR2 expression is required for exhausted CD8 <sup>+</sup> T cell stability and maintenance. <i>Nature Communications</i> , 2021, 12, 2782.	12.8	20
12	Transforming growth factor- $\beta$ -regulated mTOR activity preserves cellular metabolism to maintain long-term T <sub>H</sub> 1 cell responses in chronic infection. <i>Immunity</i> , 2021, 54, 1698-1714.e5.	14.3	82
13	The Ratio of Exhausted to Resident Infiltrating Lymphocytes Is Prognostic for Colorectal Cancer Patient Outcome. <i>Cancer Immunology Research</i> , 2021, 9, 1125-1140.	3.4	18
14	Discrete tissue microenvironments instruct diversity in resident memory T cell function and plasticity. <i>Nature Immunology</i> , 2021, 22, 1140-1151.	14.5	96
15	Tissue-specific differentiation of CD8 <sup>+</sup> resident memory T cells. <i>Trends in Immunology</i> , 2021, 42, 876-890.	6.8	30
16	Precursor exhausted T cells: key to successful immunotherapy?. <i>Nature Reviews Immunology</i> , 2020, 20, 128-136.	22.7	253
17	The clearwing moths (Lepidoptera, Sesiidae) of Australia, New Guinea and the Pacific Islands. <i>Zootaxa</i> , 2020, 4833, zootaxa.4833.1.1.	0.5	1
18	Methionine depletion Cancer cells steal methionine and impair CD8 T cell function. <i>Immunology and Cell Biology</i> , 2020, 98, 623-625.	2.3	6

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19	Increased lipid metabolism impairs NK cell function and mediates adaptation to the lymphoma environment. <i>Blood</i> , 2020, 136, 3004-3017.	1.4	71
20	Early precursor T cells establish and propagate T cell exhaustion in chronic infection. <i>Nature Immunology</i> , 2020, 21, 1256-1266.	14.5	160
21	Human effector T cells express TOXâ€”Not so â€œTOXâ€ after all. <i>Science Immunology</i> , 2020, 5, .	11.9	8
22	Sex-specific adipose tissue imprinting of regulatory T cells. <i>Nature</i> , 2020, 579, 581-585.	27.8	141
23	Attenuation of TCR-induced transcription by Bach2 controls regulatory T cell differentiation and homeostasis. <i>Nature Communications</i> , 2020, 11, 252.	12.8	59
24	<p>&lt;p&gt;A new species of the genus &lt;em&gt;Toleria&lt;/em&gt; 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 50 537 Td (Sesiidae)</p>	10.5	5
25	BATF3 programs CD8+ T cell memory. <i>Nature Immunology</i> , 2020, 21, 1397-1407.	14.5	80
26	IRF4 instructs effector Treg differentiation and immune suppression in human cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 3137-3150.	8.2	103
27	<p>&lt;p&gt;New and little-known sun-moth species from Australia (Lepidoptera,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 422 Td</p>	0.5	0
28	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
29	Defining â€”T cell exhaustionâ€™. <i>Nature Reviews Immunology</i> , 2019, 19, 665-674.	22.7	879
30	Tissue-resident memory T cells keep cancer dormant. <i>Cell Research</i> , 2019, 29, 341-342.	12.0	6
31	c-Maf-dependent Treg cell control of intestinal TH17 cells and IgA establishes hostâ€”microbiota homeostasis. <i>Nature Immunology</i> , 2019, 20, 471-481.	14.5	138
32	Blimp1 Prevents Methylation of Foxp3 and Loss of Regulatory T Cell Identity at Sites of Inflammation. <i>Cell Reports</i> , 2019, 26, 1854-1868.e5.	6.4	91
33	Transcription Factor T-bet in B Cells Modulates Germinal Center Polarization and Antibody Affinity Maturation in Response to Malaria. <i>Cell Reports</i> , 2019, 29, 2257-2269.e6.	6.4	36
34	IRF4 Activity Is Required in Established Plasma Cells to Regulate Gene Transcription and Mitochondrial Homeostasis. <i>Cell Reports</i> , 2019, 29, 2634-2645.e5.	6.4	47
35	IL-17+ CD8+ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. <i>Nature Communications</i> , 2019, 10, 5722.	12.8	68
36	Interleukin (IL)-33 and the IL-1 Family of Cytokinesâ€”Regulators of Inflammation and Tissue Homeostasis. <i>Cold Spring Harbor Perspectives in Biology</i> , 2019, 11, a028506.	5.5	29

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37	Tissue-Resident Lymphocytes in Solid Organ Transplantation. <i>Transplantation</i> , 2018, 102, 378-386.	1.0	26
38	MAIT cells contribute to protection against lethal influenza infection in vivo. <i>Nature Communications</i> , 2018, 9, 4706.	12.8	160
39	The Role of BACH2 in T Cells in Experimental Malaria Caused by <i>Plasmodium chabaudi chabaudi</i> AS. <i>Frontiers in Immunology</i> , 2018, 9, 2578.	4.8	5
40	A new sun moth species from the Flinders Ranges in South Australia (Lepidoptera, Castniidae). <i>Zootaxa</i> , 2018, 4369, 292-300.	0.5	2
41	Blimp-1 induces and Hobit maintains the cytotoxic mediator granzyme B in CD8 T cells. <i>European Journal of Immunology</i> , 2018, 48, 1644-1662.	2.9	61
42	A new zygaenid moth species from Kangaroo Island, South Australia (Lepidoptera: Zygaenidae:). <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 54</i>	0.5	1
43	A new species of <i>Aschistophleps</i> from Thailand and Laos, with a new generic synonymy (Lepidoptera,). <i>Tj ETQq1 1 0,784314 rgBT /Overlock 10 Tf 50 54</i>	0.5	1
44	Transcription Factor Theftâ€”PU.1 Caught Red-Handed. <i>Immunity</i> , 2018, 48, 1063-1065.	14.3	0
45	T cell responses in the central nervous system. <i>Nature Reviews Immunology</i> , 2017, 17, 179-194.	22.7	219
46	Transcription Factor T-bet Orchestrates Lineage Development and Function in the Immune System. <i>Trends in Immunology</i> , 2017, 38, 287-297.	6.8	138
47	Eomesodermin promotes the development of type 1 regulatory T (T <sub>R</sub> 1) cells. <i>Science Immunology</i> , 2017, 2, .	11.9	118
48	Transcriptional Regulation of Tissue-Resident Lymphocytes. <i>Trends in Immunology</i> , 2017, 38, 94-103.	6.8	164
49	The TNF Receptor Superfamily-NF-Î²B Axis Is Critical to Maintain Effector Regulatory T Cells in Lymphoid and Non-lymphoid Tissues. <i>Cell Reports</i> , 2017, 20, 2906-2920.	6.4	115
50	Local Modulation of Antigen-Presenting Cell Development after Resolution of Pneumonia Induces Long-Term Susceptibility to Secondary Infections. <i>Immunity</i> , 2017, 47, 135-147.e5.	14.3	133
51	Transcription Factor IRF4 Promotes CD8+ T Cell Exhaustion and Limits the Development of Memory-like T Cells during Chronic Infection. <i>Immunity</i> , 2017, 47, 1129-1141.e5.	14.3	335
52	The immune system of the liver: 50 years of strangeness. <i>Clinical and Translational Immunology</i> , 2017, 6, e164.	3.8	0
53	A new species and new records of <i>Melittiini</i> from China and Vietnam (Lepidoptera, Sesiidae). <i>Zootaxa</i> , 2016, 4205, 162.	0.5	2
54	Dynamic changes in Id3 and E-protein activity orchestrate germinal center and plasma cell development. <i>Journal of Experimental Medicine</i> , 2016, 213, 1095-1111.	8.5	53

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55	Hobit and Blimp1 instruct a universal transcriptional program of tissue residency in lymphocytes. <i>Science</i> , 2016, 352, 459-463.	12.6	721
56	CXCR5+ follicular cytotoxic T cells control viral infection in B cell follicles. <i>Nature Immunology</i> , 2016, 17, 1187-1196.	14.5	385
57	The Brachodidae of Sub-Saharan Africa (Lepidoptera, Cossioidea), with implications for the origin of the family. <i>Zootaxa</i> , 2016, 4083, 1-39.	0.5	2
58	<i>Synemon ignita</i> sp. nov., a new sun moth species from southern Australia (Lepidoptera, Castniidae). <i>Zootaxa</i> , 2016, 4092, 436-44.	0.5	4
59	Severe Malaria Infections Impair Germinal Center Responses by Inhibiting T Follicular Helper Cell Differentiation. <i>Cell Reports</i> , 2016, 14, 68-81.	6.4	193
60	NF- $\kappa$ B1 is essential to prevent the development of multiorgan autoimmunity by limiting IL-6 production in follicular B cells. <i>Journal of Experimental Medicine</i> , 2016, 213, 621-641.	8.5	33
61	A molecular threshold for effector CD8+ T cell differentiation controlled by transcription factors Blimp-1 and T-bet. <i>Nature Immunology</i> , 2016, 17, 422-432.	14.5	145
62	IL-18 Production from the NLRP1 Inflammasome Prevents Obesity and Metabolic Syndrome. <i>Cell Metabolism</i> , 2016, 23, 155-164.	16.2	133
63	Blimp-1-Dependent IL-10 Production by Tr1 Cells Regulates TNF-Mediated Tissue Pathology. <i>PLoS Pathogens</i> , 2016, 12, e1005398.	4.7	92
64	Blocking IL-6 trans-Signaling Prevents High-Fat Diet-Induced Adipose Tissue Macrophage Recruitment but Does Not Improve Insulin Resistance. <i>Cell Metabolism</i> , 2015, 21, 403-416.	16.2	208
65	Development and Function of Effector Regulatory T Cells. <i>Progress in Molecular Biology and Translational Science</i> , 2015, 136, 155-174.	1.7	38
66	T-box Transcription Factors Combine with the Cytokines TGF- $\beta$ 2 and IL-15 to Control Tissue-Resident Memory T Cell Fate. <i>Immunity</i> , 2015, 43, 1101-1111.	14.3	457
67	A new extant family of primitive moths from Kangaroo Island, Australia, and its significance for understanding early Lepidoptera evolution. <i>Systematic Entomology</i> , 2015, 40, 5-16.	3.9	32
68	The transcriptional regulators IRF4, BATF and IL-33 orchestrate development and maintenance of adipose tissue-resident regulatory T cells. <i>Nature Immunology</i> , 2015, 16, 276-285.	14.5	442
69	The Regulatory T Cell: Jack-Of-All-Trades. <i>Trends in Immunology</i> , 2015, 36, 756-758.	6.8	17
70	Synchronizing transcriptional control of T cell metabolism and function. <i>Nature Reviews Immunology</i> , 2015, 15, 574-584.	22.7	111
71	<strong>The Paranthrenini of Mainland China (Lepidoptera, Sesiidae)</strong> . <i>Zootaxa</i> , 2014, 3811, 185.	0.5	5
72	<strong>Laetosphexia</strong> , a new genus of clearwing moths from south-eastern China, with a brief review of the Sesiini from China (Lepidoptera, Tineoidea, Sesiidae) & Overlook 10 Tineoidea (Sesiidae) &	0.5	5

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73	Whole transcriptome analysis for T cell receptor-affinity and IRF4-regulated clonal expansion of T cells. <i>Genomics Data</i> , 2014, 2, 396-398.	1.3	4
74	Interleukin-10-Producing Plasmablasts Exert Regulatory Function in Autoimmune Inflammation. <i>Immunity</i> , 2014, 41, 1040-1051.	14.3	450
75	IL-27 and IL-12 oppose pro-inflammatory IL-23 in CD4+ T cells by inducing Blimp1. <i>Nature Communications</i> , 2014, 5, 3770.	12.8	90
76	Fas ligand-mediated immune surveillance by T cells is essential for the control of spontaneous B cell lymphomas. <i>Nature Medicine</i> , 2014, 20, 283-290.	30.7	79
77	Peripheral natural killer cell maturation depends on the transcription factor Aiolos. <i>EMBO Journal</i> , 2014, 33, 2721-2734.	7.8	67
78	Id2 represses E2A-mediated activation of IL-10 expression in T cells. <i>Blood</i> , 2014, 123, 3420-3428.	1.4	23
79	The transcription factor IRF4 is essential for TCR affinity-mediated metabolic programming and clonal expansion of T cells. <i>Nature Immunology</i> , 2013, 14, 1155-1165.	14.5	337
80	IL-27 paves different roads to Tr1. <i>European Journal of Immunology</i> , 2013, 43, 882-885.	2.9	31
81	Id2-Mediated Inhibition of E2A Represses Memory CD8+ T Cell Differentiation. <i>Journal of Immunology</i> , 2013, 190, 4585-4594.	0.8	81
82	Foxp3+ follicular regulatory T cells control the germinal center response. <i>Nature Medicine</i> , 2011, 17, 975-982.	30.7	1,092
83	The transcription factors Blimp-1 and IRF4 jointly control the differentiation and function of effector regulatory T cells. <i>Nature Immunology</i> , 2011, 12, 304-311.	14.5	530
84	Blimp-1 Transcription Factor Is Required for the Differentiation of Effector CD8+ T Cells and Memory Responses. <i>Immunity</i> , 2009, 31, 283-295.	14.3	424
85	Terminal differentiation of lymphocytes depends on Blimp-1. <i>Current Opinion in Immunology</i> , 2007, 19, 156-162.	5.5	118
86	Transcriptional repressor Blimp-1 is essential for T cell homeostasis and self-tolerance. <i>Nature Immunology</i> , 2006, 7, 466-474.	14.5	300
87	Plasma Cell Ontogeny Defined by Quantitative Changes in Blimp-1 Expression. <i>Journal of Experimental Medicine</i> , 2004, 200, 967-977.	8.5	470
88	New records and a revised checklist of the Australian clearwing moths (Lepidoptera: Sesiidae). <i>Australian Journal of Entomology</i> , 2001, 40, 342-348.	1.1	4