

Brigitta Stockinger

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

53 papers	10,990 citations	31 h-index	55 g-index
55 ext. papers	12,830 ext. citations	16.3 avg, IF	6.3 L-index

#	Paper	IF	Citations
53	TGFbeta in the context of an inflammatory cytokine milieu supports de novo differentiation of IL-17-producing T cells. <i>Immunity</i> , 2006 , 24, 179-89	32.3	2921
52	The aryl hydrocarbon receptor links TH17-cell-mediated autoimmunity to environmental toxins. <i>Nature</i> , 2008 , 453, 106-9	50.4	1247
51	Fate mapping of IL-17-producing T cells in inflammatory responses. <i>Nature Immunology</i> , 2011 , 12, 255-63	19.1	831
50	Interleukin-17-producing gammadelta T cells selectively expand in response to pathogen products and environmental signals. <i>Immunity</i> , 2009 , 31, 321-30	32.3	654
49	Differentiation and function of Th17 T cells. <i>Current Opinion in Immunology</i> , 2007 , 19, 281-6	7.8	565
48	The aryl hydrocarbon receptor: multitasking in the immune system. <i>Annual Review of Immunology</i> , 2014 , 32, 403-32	34.7	509
47	Th17 cells transdifferentiate into regulatory T cells during resolution of inflammation. <i>Nature</i> , 2015 , 523, 221-5	50.4	505
46	Preexisting and de novo humoral immunity to SARS-CoV-2 in humans. <i>Science</i> , 2020 , 370, 1339-1343	33.3	441
45	Natural agonists for aryl hydrocarbon receptor in culture medium are essential for optimal differentiation of Th17 T cells. <i>Journal of Experimental Medicine</i> , 2009 , 206, 43-9	16.6	401
44	Effector T cell plasticity: flexibility in the face of changing circumstances. <i>Nature Immunology</i> , 2010 , 11, 674-80	19.1	354
43	Plasticity of Th17 cells in Peyer's patches is responsible for the induction of T cell-dependent IgA responses. <i>Nature Immunology</i> , 2013 , 14, 372-9	19.1	350
42	Feedback control of AHR signalling regulates intestinal immunity. <i>Nature</i> , 2017 , 542, 242-245	50.4	239
41	The dichotomous nature of T helper 17 cells. <i>Nature Reviews Immunology</i> , 2017 , 17, 535-544	36.5	210
40	Activation of the aryl hydrocarbon receptor dampens the severity of inflammatory skin conditions. <i>Immunity</i> , 2014 , 40, 989-1001	32.3	203
39	The Environmental Sensor AHR Protects from Inflammatory Damage by Maintaining Intestinal Stem Cell Homeostasis and Barrier Integrity. <i>Immunity</i> , 2018 , 49, 353-362.e5	32.3	137
38	External influences on the immune system via activation of the aryl hydrocarbon receptor. <i>Seminars in Immunology</i> , 2011 , 23, 99-105	10.7	137
37	The Intestine Harbors Functionally Distinct Homeostatic Tissue-Resident and Inflammatory Th17 Cells. <i>Immunity</i> , 2019 , 51, 77-89.e6	32.3	123

36	Excessive degradation of intracellular protein in macrophages prevents presentation in the context of major histocompatibility complex class II molecules. <i>European Journal of Immunology</i> , 1997 , 27, 1506-1514	6.1	102
35	Neuronal programming by microbiota regulates intestinal physiology. <i>Nature</i> , 2020 , 578, 284-289	50.4	100
34	Differential influences of the aryl hydrocarbon receptor on Th17 mediated responses in vitro and in vivo. <i>PLoS ONE</i> , 2013 , 8, e79819	3.7	86
33	Meningeal T cell-derived IL-17 controls synaptic plasticity and short-term memory. <i>Science Immunology</i> , 2019 , 4,	28	83
32	IL-22 fate reporter reveals origin and control of IL-22 production in homeostasis and infection. <i>Journal of Immunology</i> , 2014 , 193, 4602-13	5.3	80
31	Tc17 cells are a proinflammatory, plastic lineage of pathogenic CD8+ T cells that induce GVHD without antileukemic effects. <i>Blood</i> , 2015 , 126, 1609-20	2.2	78
30	Homeostasis and T cell regulation. <i>Current Opinion in Immunology</i> , 2004 , 16, 775-9	7.8	68
29	Aryl Hydrocarbon Receptor Contributes to the Transcriptional Program of IL-10-Producing Regulatory B Cells. <i>Cell Reports</i> , 2019 , 29, 1878-1892.e7	10.6	60
28	Aryl hydrocarbon receptor is required for optimal B-cell proliferation. <i>EMBO Journal</i> , 2017 , 36, 116-128	13	53
27	IL-23 drives differentiation of peripheral T7 T cells from adult bone marrow-derived precursors. <i>EMBO Reports</i> , 2017 , 18, 1957-1967	6.5	41
26	Modulation of Th17 development and function by activation of the aryl hydrocarbon receptor--the role of endogenous ligands. <i>European Journal of Immunology</i> , 2009 , 39, 652-4	6.1	41
25	Low CD4+ T cell responses to the C-terminal region of the malaria merozoite surface protein-1 may be attributed to processing within distinct MHC class II pathways. <i>European Journal of Immunology</i> , 2001 , 31, 72-81	6.1	36
24	CD4 T-cell memory. <i>Seminars in Immunology</i> , 2004 , 16, 295-303	10.7	32
23	In vitro negative selection of alpha beta T cell receptor transgenic thymocytes by conditionally immortalized thymic cortical epithelial cell lines and dendritic cells. <i>European Journal of Immunology</i> , 1993 , 23, 2614-21	6.1	32
22	Regulation of experimental autoimmune encephalomyelitis by TPL-2 kinase. <i>Journal of Immunology</i> , 2014 , 192, 3518-3529	5.3	29
21	Comparative analysis of human and mouse transcriptomes of Th17 cell priming. <i>Oncotarget</i> , 2016 , 7, 13416-28	3.3	28
20	Cytochrome P4501-inhibiting chemicals amplify aryl hydrocarbon receptor activation and IL-22 production in T helper 17 cells. <i>Biochemical Pharmacology</i> , 2018 , 151, 47-58	6	25
19	Activation of the Aryl Hydrocarbon Receptor Interferes with Early Embryonic Development. <i>Stem Cell Reports</i> , 2017 , 9, 1377-1386	8	23

18	A conditionally immortalized dendritic cell line which differentiates in contact with T cells or T cell-derived cytokines. <i>European Journal of Immunology</i> , 1996 , 26, 2565-72	6.1	23
17	Plasticity of Th17 Cells in Autoimmune Kidney Diseases. <i>Journal of Immunology</i> , 2016 , 197, 449-57	5.3	22
16	AHR in the intestinal microenvironment: safeguarding barrier function. <i>Nature Reviews Gastroenterology and Hepatology</i> , 2021 , 18, 559-570	24.2	21
15	Beyond toxicity: aryl hydrocarbon receptor-mediated functions in the immune system. <i>Journal of Biology</i> , 2009 , 8, 61		20
14	The aryl hydrocarbon receptor controls cyclin O to promote epithelial multiciliogenesis. <i>Nature Communications</i> , 2016 , 7, 12652	17.4	16
13	Antigen-specific T cell receptor antagonism by antigen-presenting cells treated with the hemolysin of <i>Listeria monocytogenes</i> : a novel type of immune escape. <i>European Journal of Immunology</i> , 1997 , 27, 1696-703	6.1	14
12	Regulation of intestinal immunity and tissue repair by enteric glia. <i>Nature</i> , 2021 , 599, 125-130	50.4	14
11	CYP1A1 Enzymatic Activity Influences Skin Inflammation Via Regulation of the AHR Pathway. <i>Journal of Investigative Dermatology</i> , 2021 , 141, 1553-1563.e3	4.3	12
10	Analyzing Th17 cell differentiation dynamics using a novel integrative modeling framework for time-course RNA sequencing data. <i>BMC Systems Biology</i> , 2015 , 9, 81	3.5	8
9	Localization of self antigen: implications for antigen presentation and induction of tolerance. <i>European Journal of Immunology</i> , 1993 , 23, 6-11	6.1	6
8	Lineage fate alteration of thymocytes developing in an MHC environment containing MHC/peptide ligands with antagonist properties. <i>European Journal of Immunology</i> , 2001 , 31, 3595-601	6.1	3
7	Presentation of a circulating self protein (C5) to MHC class II restricted T cells. <i>International Reviews of Immunology</i> , 1993 , 10, 357-64	4.6	3
6	Lumpers and splitters: Birth of Th17 cells. <i>Journal of Experimental Medicine</i> , 2021 , 218,	16.6	2
5	Open questions: a few that need answers in immunology. <i>BMC Biology</i> , 2013 , 11, 115	7.3	1
4	Cell-intrinsic Aryl Hydrocarbon Receptor signalling is required for the resolution of injury-induced colonic stem cells.. <i>Nature Communications</i> , 2022 , 13, 1827	17.4	1
3	PairGP: Gaussian process modeling of longitudinal data from paired multi-condition studies.. <i>Computers in Biology and Medicine</i> , 2022 , 143, 105268	7	
2	Plasticity of Th17 Cells and Conversion to Th1 Cells during Acute GvHD. <i>Blood</i> , 2014 , 124, 3821-3821	2.2	
1	T cell subsets and environmental factors in <i>Citrobacter rodentium</i> infection. <i>Current Opinion in Microbiology</i> , 2021 , 63, 92-97	7.9	

