

Tobias Bopp

List of Publications by Year in descending order

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111
papers

8,374
citations

53660

45
h-index

48187

88
g-index

112
all docs

112
docs citations

112
times ranked

12799
citing authors

#	ARTICLE	IF	CITATIONS
1	Epigenetic Control of the foxp3 Locus in Regulatory T Cells. PLoS Biology, 2007, 5, e38.	2.6	1,068
2	Cyclic adenosine monophosphate is a key component of regulatory T cell-mediated suppression. Journal of Experimental Medicine, 2007, 204, 1303-1310.	4.2	524
3	Genetic Cell Ablation Reveals Clusters of Local Self-Renewing Microglia in the Mammalian Central Nervous System. Immunity, 2015, 43, 92-106.	6.6	506
4	Interferon-Regulatory Factor 4 Is Essential for the Developmental Program of T Helper 9 Cells. Immunity, 2010, 33, 192-202.	6.6	465
5	The IL-6R α chain controls lung CD4+CD25+ Treg development and function during allergic airway inflammation in vivo. Journal of Clinical Investigation, 2005, 115, 313-325.	3.9	292
6	Tumor immunoevasion via acidosis-dependent induction of regulatory tumor-associated macrophages. Nature Immunology, 2018, 19, 1319-1329.	7.0	274
7	Evaluation of FASP, SP3, and iST Protocols for Proteomic Sample Preparation in the Low Microgram Range. Journal of Proteome Research, 2017, 16, 4060-4072.	1.8	227
8	Microbial short-chain fatty acids modulate CD8+ T cell responses and improve adoptive immunotherapy for cancer. Nature Communications, 2021, 12, 4077.	5.8	222
9	Restricting Glycolysis Preserves T Cell Effector Functions and Augments Checkpoint Therapy. Cell Reports, 2019, 29, 135-150.e9.	2.9	189
10	Human CD4+CD25+ regulatory T cells: proteome analysis identifies galectin-10 as a novel marker essential for their anergy and suppressive function. Blood, 2007, 110, 1550-1558.	0.6	181
11	Th9 cells, new players in adaptive immunity. Trends in Immunology, 2014, 35, 61-68.	2.9	171
12	Human CD25+ regulatory T cells: two subsets defined by the integrins α 4 β 7 or α 4 β 1 confer distinct suppressive properties upon CD4+ T helper cells. European Journal of Immunology, 2004, 34, 1303-1311.	1.6	165
13	NFATc1 controls the cytotoxicity of CD8+ T cells. Nature Communications, 2017, 8, 511.	5.8	150
14	IL-36R signalling activates intestinal epithelial cells and fibroblasts and promotes mucosal healing in vivo. Gut, 2017, 66, 823-838.	6.1	142
15	Microbiota-Induced Type I Interferons Instruct a Poised Basal State of Dendritic Cells. Cell, 2020, 181, 1080-1096.e19.	13.5	139
16	NFATc2 and NFATc3 transcription factors play a crucial role in suppression of CD4+ T lymphocytes by CD4+ CD25+ regulatory T cells. Journal of Experimental Medicine, 2005, 201, 181-187.	4.2	129
17	Polypeptoid- <i>block</i> -polypeptide Copolymers: Synthesis, Characterization, and Application of Amphiphilic Block Copolypept(o)ides in Drug Formulations and Miniemulsion Techniques. Biomacromolecules, 2014, 15, 548-557.	2.6	122
18	Mast cells are crucial for early inflammation, migration of Langerhans cells, and CTL responses following topical application of TLR7 ligand in mice. Blood, 2007, 110, 946-953.	0.6	103

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19	Microenvironmental Th9 and Th17 lymphocytes induce metastatic spreading in lung cancer. <i>Journal of Clinical Investigation</i> , 2020, 130, 3560-3575.	3.9	103
20	Protein kinase CK2 enables regulatory T cells to suppress excessive TH2 responses in vivo. <i>Nature Immunology</i> , 2015, 16, 267-275.	7.0	102
21	Differential Regulatory Capacity of CD25+ T Regulatory Cells and Preactivated CD25+ T Regulatory Cells on Development, Functional Activation, and Proliferation of Th2 Cells. <i>Journal of Immunology</i> , 2004, 173, 267-274.	0.4	98
22	Sumoylation of the Transcription Factor NFATc1 Leads to Its Subnuclear Relocalization and Interleukin-2 Repression by Histone Deacetylase. <i>Journal of Biological Chemistry</i> , 2009, 284, 10935-10946.	1.6	93
23	Specific and Redundant Roles for NFAT Transcription Factors in the Expression of Mast Cell-Derived Cytokines. <i>Journal of Immunology</i> , 2006, 177, 6667-6674.	0.4	92
24	IL-10 and Regulatory T Cells Cooperate in Allergen-Specific Immunotherapy To Ameliorate Allergic Asthma. <i>Journal of Immunology</i> , 2015, 194, 887-897.	0.4	92
25	From interleukin-9 to T helper 9 cells. <i>Annals of the New York Academy of Sciences</i> , 2012, 1247, 56-68.	1.8	91
26	Interferon- γ Suppresses cAMP to Disarm Human Regulatory T Cells. <i>Cancer Research</i> , 2013, 73, 5647-5656.	0.4	87
27	Inhibition of cAMP Degradation Improves Regulatory T Cell-Mediated Suppression. <i>Journal of Immunology</i> , 2009, 182, 4017-4024.	0.4	85
28	IL-4 Receptor Alpha Signaling through Macrophages Differentially Regulates Liver Fibrosis Progression and Reversal. <i>EBioMedicine</i> , 2018, 29, 92-103.	2.7	81
29	Depletion of regulatory T cells increases T cell brain infiltration, reactive astrogliosis, and interferon- β gene expression in acute experimental traumatic brain injury. <i>Journal of Neuroinflammation</i> , 2019, 16, 163.	3.1	80
30	miR-155 Inhibition Sensitizes CD4+ Th Cells for TREG Mediated Suppression. <i>PLoS ONE</i> , 2009, 4, e7158.	1.1	79
31	The transcription factor Interferon Regulatory Factor 4 is required for the generation of protective effector CD8 ⁺ T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 15019-15024.	3.3	78
32	A Stat6/Pten Axis Links Regulatory T Cells with Adipose Tissue Function. <i>Cell Metabolism</i> , 2017, 26, 475-492.e7.	7.2	71
33	Cyclic AMP underpins suppression by regulatory T cells. <i>European Journal of Immunology</i> , 2012, 42, 1375-1384.	1.6	70
34	The Tick Salivary Protein Sialostatin L Inhibits the Th9-Derived Production of the Asthma-Promoting Cytokine IL-9 and Is Effective in the Prevention of Experimental Asthma. <i>Journal of Immunology</i> , 2012, 188, 2669-2676.	0.4	68
35	IL-17+ CD8+ T cell suppression by dimethyl fumarate associates with clinical response in multiple sclerosis. <i>Nature Communications</i> , 2019, 10, 5722.	5.8	68
36	Nonfunctional Regulatory T Cells and Defective Control of Th2 Cytokine Production in Natural Scurfy Mutant Mice. <i>Journal of Immunology</i> , 2009, 183, 5662-5672.	0.4	67

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37	Protection from graft-versus-host disease by HIV-1 envelope protein gp120-mediated activation of human CD4+CD25+ regulatory T cells. <i>Blood</i> , 2009, 114, 1263-1269.	0.6	67
38	IL-17 controls central nervous system autoimmunity through the intestinal microbiome. <i>Science Immunology</i> , 2021, 6, .	5.6	67
39	Cyclic AMP Represents a Crucial Component of Treg Cell-Mediated Immune Regulation. <i>Frontiers in Immunology</i> , 2016, 7, 315.	2.2	63
40	Nitric oxide enhances Th9 cell differentiation and airway inflammation. <i>Nature Communications</i> , 2014, 5, 4575.	5.8	59
41	Gatekeeper role of brain antigen-presenting CD11c ⁺ cells in neuroinflammation. <i>EMBO Journal</i> , 2016, 35, 89-101.	3.5	59
42	Neutrophil extracellular traps and their histones promote Th17 cell differentiation directly via TLR2. <i>Nature Communications</i> , 2022, 13, 528.	5.8	59
43	Experience-Driven Development: Effector/Memory-Like \hat{E} +Foxp3+ Regulatory T Cells Originate from Both Naive T Cells and Naturally Occurring Naive-Like Regulatory T Cells. <i>Journal of Immunology</i> , 2008, 180, 146-155.	0.4	58
44	Tc9 cells, a new subset of CD8 ⁺ T cells, support Th2-mediated airway inflammation. <i>European Journal of Immunology</i> , 2013, 43, 606-618.	1.6	58
45	NFAT transcription factors in control of peripheral T cell tolerance. <i>European Journal of Immunology</i> , 2006, 36, 2837-2843.	1.6	54
46	Regulatory T cells facilitate the nuclear accumulation of inducible cAMP early repressor (ICER) and suppress nuclear factor of activated T cell c1 (NFATc1). <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 2480-2485.	3.3	54
47	Interleukin-1 promotes autoimmune neuroinflammation by suppressing endothelial heme oxygenase-1 at the blood-brain barrier. <i>Acta Neuropathologica</i> , 2020, 140, 549-567.	3.9	47
48	Cyclic adenosine monophosphate and IL-10 coordinately contribute to nTreg cell-mediated suppression of dendritic cell activation. <i>Cellular Immunology</i> , 2010, 265, 91-96.	1.4	42
49	Donor and host B cell-derived IL-10 contributes to suppression of graft-versus-host disease. <i>European Journal of Immunology</i> , 2014, 44, 1857-1865.	1.6	41
50	Repression of Cyclic Adenosine Monophosphate Upregulation Disarms and Expands Human Regulatory T Cells. <i>Journal of Immunology</i> , 2012, 188, 1091-1097.	0.4	40
51	Crosstalk of regulatory T cells and tolerogenic dendritic cells prevents contact allergy in subjects with low zone tolerance. <i>Journal of Allergy and Clinical Immunology</i> , 2012, 130, 781-797.e11.	1.5	39
52	NFATc1 Induction in Peripheral T and B Lymphocytes. <i>Journal of Immunology</i> , 2013, 190, 2345-2353.	0.4	39
53	Genetic Variation Determines Mast Cell Functions in Experimental Asthma. <i>Journal of Immunology</i> , 2011, 186, 7225-7231.	0.4	37
54	FTY720 (fingolimod) treatment tips the balance towards less immunogenic antigen-presenting cells in patients with multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1811-1822.	1.4	37

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55	Mast Cell-deficient <i>Kit^{W-sh}</i> Sash ⁺ Mutant Mice Display Aberrant Myelopoiesis Leading to the Accumulation of Splenocytes That Act as Myeloid-Derived Suppressor Cells. <i>Journal of Immunology</i> , 2013, 190, 5534-5544.	0.4	36
56	Tick Salivary Sialostatin L Represses the Initiation of Immune Responses by Targeting IRF4-Dependent Transcription in Murine Mast Cells. <i>Journal of Immunology</i> , 2015, 195, 621-631.	0.4	35
57	Mapping immune processes in intact tissues at cellular resolution. <i>Journal of Clinical Investigation</i> , 2012, 122, 4439-4446.	3.9	34
58	p38 MAP kinase drives the expression of mast cell-derived IL-9 via activation of the transcription factor GATA-1. <i>Molecular Immunology</i> , 2007, 44, 926-933.	1.0	33
59	Protein kinase CK2 governs the molecular decision between encephalitogenic T _H 17 cell and T _{reg} cell development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 10145-10150.	3.3	32
60	Proinflammatory CD20 ⁺ T cells contribute to CNS-directed autoimmunity. <i>Science Translational Medicine</i> , 2022, 14, eabi4632.	5.8	32
61	Reciprocal regulation of the Il9 locus by counteracting activities of transcription factors IRF1 and IRF4. <i>Nature Communications</i> , 2017, 8, 15366.	5.8	30
62	Regulatory T Cells More Effectively Suppress Th1-Induced Airway Inflammation Compared with Th2. <i>Journal of Immunology</i> , 2011, 186, 2238-2244.	0.4	28
63	A blood transcriptome-based analysis of disease progression, immune regulation, and symptoms in coronavirus-infected patients. <i>Cell Death Discovery</i> , 2020, 6, 141.	2.0	28
64	Specialized regulatory T cells control venous blood clot resolution through SPARC. <i>Blood</i> , 2021, 137, 1517-1526.	0.6	27
65	UV Exposure Boosts Transcutaneous Immunization and Improves Tumor Immunity: Cytotoxic T-Cell Priming through the Skin. <i>Journal of Investigative Dermatology</i> , 2011, 131, 211-219.	0.3	24
66	The Role of CD8 ⁺ T Cells and Their Local Interaction with CD4 ⁺ T Cells in Myelin Oligodendrocyte Glycoprotein ³⁵ -Induced Experimental Autoimmune Encephalomyelitis. <i>Journal of Immunology</i> , 2013, 191, 4960-4968.	0.4	24
67	Regulatory T cells: present facts and future hopes. <i>Medical Microbiology and Immunology</i> , 2006, 195, 113-124.	2.6	23
68	Optimized recombinant dense bodies of human cytomegalovirus efficiently prime virus specific lymphocytes and neutralizing antibodies without the addition of adjuvant. <i>Vaccine</i> , 2010, 28, 6191-6198.	1.7	23
69	Amazing IL-9: revealing a new function for an "old" cytokine. <i>Journal of Clinical Investigation</i> , 2012, 122, 3857-3859.	3.9	23
70	Regulatory T cells—the renaissance of the suppressor T cells. <i>Annals of Medicine</i> , 2007, 39, 322-334.	1.5	22
71	Mast cell-derived mediators promote murine neutrophil effector functions. <i>International Immunology</i> , 2013, 25, 553-561.	1.8	22
72	Deep phenotypical characterization of human CD3 ⁺ CD56 ⁺ T cells by mass cytometry. <i>European Journal of Immunology</i> , 2021, 51, 672-681.	1.6	21

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73	Discovery and initial characterization of Th9 cells: the early years. <i>Seminars in Immunopathology</i> , 2017, 39, 5-10.	2.8	20
74	Increased immunosuppressive function of CD4 ⁺ CD25 ⁺ Foxp3 ⁺ GITR ⁺ T regulatory cells from NFATc2(Δ ^h /Δ ^h) mice controls allergen-induced experimental asthma. <i>Immunobiology</i> , 2012, 217, 905-911.	0.8	19
75	Treg cells as potential cellular targets for functionalized nanoparticles in cancer therapy. <i>Nanomedicine</i> , 2016, 11, 2699-2709.	1.7	19
76	Dendritic cells tip the balance towards induction of regulatory T cells upon priming in experimental autoimmune encephalomyelitis. <i>Journal of Autoimmunity</i> , 2017, 76, 108-114.	3.0	18
77	New strategies for the manipulation of adaptive immune responses. <i>Cancer Immunology, Immunotherapy</i> , 2010, 59, 1443-1448.	2.0	17
78	Nrf2 expression driven by Foxp3 specific deletion of Keap1 results in loss of immune tolerance in mice. <i>European Journal of Immunology</i> , 2020, 50, 515-524.	1.6	17
79	Cyclic AMP-induced Chromatin Changes Support the NFATc-mediated Recruitment of GATA-3 to the Interleukin 5 Promoter. <i>Journal of Biological Chemistry</i> , 2008, 283, 31030-31037.	1.6	16
80	Liver sinusoidal endothelial cell cross-priming is supported by CD4 T cell-derived IL-2. <i>Journal of Hepatology</i> , 2017, 66, 978-986.	1.8	16
81	Targeting prohibitins at the cell surface prevents Th17-mediated autoimmunity. <i>EMBO Journal</i> , 2018, 37, .	3.5	16
82	The gut microbiota instructs the hepatic endothelial cell transcriptome. <i>IScience</i> , 2021, 24, 103092.	1.9	16
83	Boosting regulatory T cell function by CD4 stimulation enters the clinic. <i>Frontiers in Immunology</i> , 2012, 3, 164.	2.2	15
84	Mechanisms of Cyclic Nucleotide Phosphodiesterases in Modulating T Cell Responses in Murine Graft-versus-Host Disease. <i>PLoS ONE</i> , 2013, 8, e58110.	1.1	15
85	Lack of NFATc1 SUMOylation prevents autoimmunity and alloreactivity. <i>Journal of Experimental Medicine</i> , 2021, 218, .	4.2	15
86	T Cells Control Chemokine Secretion by Keratinocytes. <i>Frontiers in Immunology</i> , 2019, 10, 1917.	2.2	14
87	K2P18.1 translates T cell receptor signals into thymic regulatory T cell development. <i>Cell Research</i> , 2022, 32, 72-88.	5.7	14
88	Therapeutic melanoma inhibition by local micelle-mediated cyclic nucleotide repression. <i>Nature Communications</i> , 2021, 12, 5981.	5.8	13
89	Impaired Mast Cell-Driven Immune Responses in Mice Lacking the Transcription Factor NFATc2. <i>Journal of Immunology</i> , 2009, 182, 6136-6142.	0.4	12
90	NF-κB inducing kinase (NIK) is an essential post-transcriptional regulator of T-cell activation affecting F-actin dynamics and TCR signaling. <i>Journal of Autoimmunity</i> , 2018, 94, 110-121.	3.0	12

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91	Context- and Tissue-Specific Regulation of Immunity and Tolerance by Regulatory T Cells. <i>Advances in Immunology</i> , 2016, 132, 1-46.	1.1	11
92	Role of the DNA repair glycosylase OGG1 in the activation of murine splenocytes. <i>DNA Repair</i> , 2017, 58, 13-20.	1.3	11
93	Xenograft models for undifferentiated pleomorphic sarcoma not otherwise specified are essential for preclinical testing of therapeutic agents. <i>Oncology Letters</i> , 2016, 12, 1257-1264.	0.8	10
94	Increase of Alternatively Activated Antigen Presenting Cells in Active Experimental Autoimmune Encephalomyelitis. <i>Journal of NeuroImmune Pharmacology</i> , 2016, 11, 721-732.	2.1	9
95	Regulatory T Cells Prevent Neutrophilic Infiltration of Skin during Contact Hypersensitivity Reactions by Strengthening the Endothelial Barrier. <i>Journal of Investigative Dermatology</i> , 2021, 141, 2006-2017.	0.3	9
96	Cylindromatosis (Cyl) gene mutation in T cells promotes the development of an IL-9-dependent allergic phenotype in experimental asthma. <i>Cellular Immunology</i> , 2016, 308, 27-34.	1.4	7
97	Posttranslational modifications by ADAM10 shape myeloid antigen-presenting cell homeostasis in the splenic marginal zone. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	7
98	Interaction of ϵ-((2-Hydroxypropyl)Methacrylamide Based Homo, Random and Block Copolymers with Primary Immune Cells. <i>Journal of Biomedical Nanotechnology</i> , 2014, 10, 81-91.	0.5	6
99	Kinome Profiling of Regulatory T Cells: A Closer Look into a Complex Intracellular Network. <i>PLoS ONE</i> , 2016, 11, e0149193.	1.1	6
100	Interferon γ interferes with immunological tolerance. <i>Oncolmmunology</i> , 2013, 2, e27528.	2.1	5
101	IRF4 deficiency vulnerates B-cell progeny for leukemogenesis via somatically acquired Jak3 mutations conferring IL-7 hypersensitivity. <i>Cell Death and Differentiation</i> , 2022, 29, 2163-2176.	5.0	5
102	In Activated Murine Mast Cells, NFATc2 Is Critical for the Production of Autocrine IL-3, Thereby Promoting the Expression of IL-9. <i>Journal of Immunology</i> , 2021, 206, 67-76.	0.4	4
103	β 2 Integrins on Dendritic Cells Modulate Cytokine Signaling and Inflammation-Associated Gene Expression, and Are Required for Induction of Autoimmune Encephalomyelitis. <i>Cells</i> , 2022, 11, 2188.	1.8	4
104	NFATc1 β A and Blimp-1 Support the Follicular and Effector Phenotype of Tregs. <i>Frontiers in Immunology</i> , 2021, 12, 791100.	2.2	3
105	CD52 β negative T cells predict acute graft β versus β host disease after an alemtuzumab β based conditioning regimen. <i>British Journal of Haematology</i> , 2020, 191, 253-262.	1.2	1
106	NFAT5 Controls the Integrity of Epidermis. <i>Frontiers in Immunology</i> , 2021, 12, 780727.	2.2	1
107	Editorial: Current Concepts of Cellular and Biological Drugs to Modulate Regulatory T Cell Activity in the Clinic. <i>Frontiers in Immunology</i> , 2016, 7, 141.	2.2	0
108	Effects of Regulatory T Cell β Dendritic Cell Interactions on Adaptive Immune Responses. , 2014, , 21-27.		0

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109	Interleukin 9. , 2015, , 1-8.		0
110	Interleukin 9. , 2016, , 696-703.		0
111	Messenger RNA Sequencing of Rare Cell Populations in the Lung and Lung-Draining Lymph Nodes. Methods in Molecular Biology, 2017, 1559, 199-219.	0.4	0