Jochen Huehn

List of Publications by Year
in descending order

109	12,832	66250	31191
papers	citations	44 h-index	106 g-index

114	114	114	17167
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	K2P18.1 translates T cell receptor signals into thymic regulatory T cell development. Cell Research, 2022, 32, 72-88.	5.7	14
2	The thymic microenvironment gradually modulates the phenotype of thymusâ€homing peripheral conventional dendritic cells. Immunity, Inflammation and Disease, 2022, 10, 175-188.	1.3	3
3	Enhancement of Antiviral T-Cell Responses by Vitamin C Suggests New Strategies to Improve Manufacturing of Virus-Specific T Cells for Adoptive Immunotherapy. Biology, 2022, 11, 536.	1.3	1
4	Impact of gut microenvironment on epigenetic signatures of intestinal T helper cell subsets. Immunology Letters, 2022, 246, 27-27.	1.1	2
5	Lymph node stromal cells support the maturation of preâ€<scp>DCs</scp> into <scp>cDC</scp>â€like cells via colonyâ€stimulating factor 1. Immunology, 2022, 166, 475-491.	2.0	3
6	Recirculating IL-1R2+ Tregs fine-tune intrathymic Treg development under inflammatory conditions. Cellular and Molecular Immunology, 2021, 18, 182-193.	4.8	20
7	Generation of Sequencing Libraries for Building Immune Cell Methylomes. Methods in Molecular Biology, 2021, 2285, 265-276.	0.4	0
8	Efficient IL-2R signaling differentially affects the stability, function, and composition of the regulatory T-cell pool. Cellular and Molecular Immunology, 2021, 18, 398-414.	4.8	21
9	Influenza A virusâ€induced thymus atrophy differentially affects dynamics of conventional and regulatory Tâ€cell development in mice. European Journal of Immunology, 2021, 51, 1166-1181.	1.6	3
10	The microbiota is dispensable for the early stages of peripheral regulatory T cell induction within mesenteric lymph nodes. Cellular and Molecular Immunology, 2021, 18, 1211-1221.	4.8	17
11	Single-cell chromatin accessibility landscape identifies tissue repair program in human regulatory TÂcells. Immunity, 2021, 54, 702-720.e17.	6.6	78
12	Lymph node stromal cell subsetsâ€"Emerging specialists for tailored tissue-specific immune responses. International Journal of Medical Microbiology, 2021, 311, 151492.	1.5	7
13	Tbx21 and Foxp3 Are Epigenetically Stabilized in T-Bet+ Tregs That Transiently Accumulate in Influenza A Virus-Infected Lungs. International Journal of Molecular Sciences, 2021, 22, 7522.	1.8	5
14	Mesenteric Lymph Node Transplantation in Mice to Study Immune Responses of the Gastrointestinal Tract. Frontiers in Immunology, 2021, 12, 689896.	2.2	12
15	Transcriptome analysis following neurotropic virus infection reveals faulty innate immunity and delayed antigen presentation in mice susceptible to virusâ€induced demyelination. Brain Pathology, 2021, 31, e13000.	2.1	6
16	Nitric oxide controls proliferation of Leishmania major by inhibiting the recruitment of permissive host cells. Immunity, 2021, 54, 2724-2739.e10.	6.6	16
17	Protection against autoimmunity is driven by thymic epithelial cellâ€"mediated regulation of T _{reg} development. Science Immunology, 2021, 6, eabf3111.	5.6	6
18	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). European Journal of Immunology, 2021, 51, 2708-3145.	1.6	198

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19	Single-cell transcriptional profiling of splenic fibroblasts reveals subset-specific innate immune signatures in homeostasis and during viral infection. Communications Biology, 2021, 4, 1355.	2.0	12
20	Staphylococcus aureus Alpha-Toxin Limits Type 1 While Fostering Type 3 Immune Responses. Frontiers in Immunology, 2020, 11, 1579.	2.2	12
21	Vitamin C supports conversion of human Î³Î´ T cells into FOXP3-expressing regulatory cells by epigenetic regulation. Scientific Reports, 2020, 10, 6550.	1.6	25
22	Salt generates antiinflammatory Th17 cells but amplifies pathogenicity in proinflammatory cytokine microenvironments. Journal of Clinical Investigation, 2020, 130, 4587-4600.	3.9	42
23	Acute neonatal Listeria monocytogenes infection causes long-term, organ-specific changes in immune cell subset composition. European Journal of Microbiology and Immunology, 2020, 10, 98-106.	1.5	5
24	Generation of Foxp3+CD25â^' Regulatory T-Cell Precursors Requires c-Rel and ÍºBNS. Frontiers in Immunology, 2019, 10, 1583.	2.2	20
25	Dynamic Imprinting of the Treg Cell-Specific Epigenetic Signature in Developing Thymic Regulatory T Cells. Frontiers in Immunology, 2019, 10, 2382.	2.2	18
26	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). European Journal of Immunology, 2019, 49, 1457-1973.	1.6	766
27	miR-181a/b-1 controls thymic selection of Treg cells and tunes their suppressive capacity. PLoS Biology, 2019, 17, e2006716.	2.6	28
28	Microbiome Dependent Regulation of Tregs and Th17 Cells in Mucosa. Frontiers in Immunology, 2019, 10, 426.	2.2	163
29	Blimp1 Prevents Methylation of Foxp3 and Loss of Regulatory T Cell Identity at Sites of Inflammation. Cell Reports, 2019, 26, 1854-1868.e5.	2.9	91
30	The Transcription Factor MAZR/PATZ1 Regulates the Development of FOXP3+ Regulatory T Cells. Cell Reports, 2019, 29, 4447-4459.e6.	2.9	13
31	Transmaternal Helicobacter pylori exposure reduces allergic airway inflammation in offspring through regulatory T cells. Journal of Allergy and Clinical Immunology, 2019, 143, 1496-1512.e11.	1.5	38
32	Chimeric antigen receptorâ€“induced BCL11B suppression propagates NK-like cell development. Journal of Clinical Investigation, 2019, 129, 5108-5122.	3.9	16
33	Intact interleukin-10 receptor signaling protects from hippocampal damage elicited by experimental neurotropic virus infection of SJL mice. Scientific Reports, 2018, 8, 6106.	1.6	13
34	Cytotoxic <scp>CD</scp>8⁺<scp>T</scp> cell ablation enhances the capacity of regulatory T cells to delay viral elimination in <scp>T</scp>heiler's murine encephalomyelitis. Brain Pathology, 2018, 28, 349-368.	2.1	12
35	Yersinia pseudotuberculosis modulates regulatory T cell stability via injection of yersinia outer proteins in a type III secretion system-dependent manner. European Journal of Microbiology and Immunology, 2018, 8, 101-106.	1.5	4
36	Already ENLIGHTâ€TENed? Equipping young immunologists with a combination of researchâ€related and transferrable competencies. European Journal of Immunology, 2018, 48, 1926-1928.	1.6	0

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37	Neonatally imprinted stromal cell subsets induce tolerogenic dendritic cells in mesenteric lymph nodes. Nature Communications, 2018, 9, 3903.	5.8	69
38	Thymus-derived Foxp3+ regulatory T cells upregulate RORÎ³t expression under inflammatory conditions. Journal of Molecular Medicine, 2018, 96, 1387-1394.	1.7	18
39	IFN-Î³ Producing Th1 Cells Induce Different Transcriptional Profiles in Microglia and Astrocytes. Frontiers in Cellular Neuroscience, 2018, 12, 352.	1.8	28
40	Epigenetic mechanisms regulating T-cell responses. Journal of Allergy and Clinical Immunology, 2018, 142, 728-743.	1.5	100
41	Microbiome and Gut Immunity: T Cells. , 2018, , 119-140.		4
42	Regulation of neuroinflammatory properties of glial cells by T cell effector molecules. Neural Regeneration Research, 2018, 13, 234.	1.6	9
43	Epigenetic orchestration of thymic Treg cell development. Nature Immunology, 2017, 18, 144-146.	7.0	6
44	Impact of CCR7 on T-Cell Response and Susceptibility to Yersinia pseudotuberculosis Infection. Journal of Infectious Diseases, 2017, 216, 752-760.	1.9	5
45	The guanine-nucleotide exchange factor CalDAG GEFI fine-tunes functional properties of regulatory T cells. European Journal of Microbiology and Immunology, 2017, 7, 112-126.	1.5	4
46	Yersinia pseudotuberculosis supports Th17 differentiation and limits de novo regulatory T cell induction by directly interfering with T cell receptor signaling. Cellular and Molecular Life Sciences, 2017, 74, 2839-2850.	2.4	13
47	Mesenteric lymph node stromal cellâ€derived extracellular vesicles contribute to peripheral de novo induction of Foxp3⁺ regulatory T cells. European Journal of Immunology, 2017, 47, 2142-2152.	1.6	13
48	Activated protein C protects from GvHD via PAR2/PAR3 signalling in regulatory T-cells. Nature Communications, 2017, 8, 311.	5.8	35
49	TCR signalling network organization at the immunological synapses of murine regulatory T cells. European Journal of Immunology, 2017, 47, 2043-2058.	1.6	9
50	Roquin Suppresses the PI3K-mTOR Signaling Pathway to Inhibit T Helper Cell Differentiation and Conversion of Treg to Tfr Cells. Immunity, 2017, 47, 1067-1082.e12.	6.6	109
51	c-REL and IÎºBNS Govern Common and Independent Steps of Regulatory T Cell Development from Novel CD122-Expressing Pre-Precursors. Journal of Immunology, 2017, 199, 920-930.	0.4	16
52	Alloantigen-Induced Regulatory T Cells Generated in Presence of Vitamin C Display Enhanced Stability of Foxp3 Expression and Promote Skin Allograft Acceptance. Frontiers in Immunology, 2017, 8, 748.	2.2	45
53	Effectors of Th1 and Th17 cells act on astrocytes and augment their neuroinflammatory properties. Journal of Neuroinflammation, 2017, 14, 204.	3.1	88
54	Unique properties of thymic antigen-presenting cells promote epigenetic imprinting of alloantigen-specific regulatory T cells. Oncotarget, 2017, 8, 35542-35557.	0.8	19

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55	Viral Infection of the Central Nervous System Exacerbates Interleukin-10 Receptor Deficiency-Mediated Colitis in SJL Mice. PLoS ONE, 2016, 11, e0161883.	1.1	11
56	Tissue-specific induction of CCR6 and Nrp1 during early CD4+ T cell differentiation. European Journal of Microbiology and Immunology, 2016, 6, 219-226.	1.5	6
57	Inhibition of the JAK/STAT Signaling Pathway in Regulatory T Cells Reveals a Very Dynamic Regulation of Foxp3 Expression. PLoS ONE, 2016, 11, e0153682.	1.1	30
58	Foxp3⁺ regulatory Tâ€cell homeostasis quantitatively differs in murine peripheral lymph nodes and spleen. European Journal of Immunology, 2015, 45, 153-166.	1.6	11
59	Microenvironment Matters. Progress in Molecular Biology and Translational Science, 2015, 136, 35-56.	0.9	10
60	A Major Role for Myeloid-Derived Suppressor Cells and a Minor Role for Regulatory T Cells in Immunosuppression during Staphylococcus aureus Infection. Journal of Immunology, 2015, 194, 1100-1111.	0.4	89
61	Promiscuous Foxp3â€cre activity reveals a differential requirement for CD28 in Foxp3⁺ and Foxp3^{â^'} T cells. Immunology and Cell Biology, 2015, 93, 417-423.	1.0	53
62	Development of a unique epigenetic signature during in vivo Th17 differentiation. Nucleic Acids Research, 2015, 43, 1537-1548.	6.5	38
63	Integrin Î± E (CD103) Is Involved in Regulatory T-Cell Function in Allergic Contact Hypersensitivity. Journal of Investigative Dermatology, 2015, 135, 2982-2991.	0.3	32
64	Epigenetic and transcriptional control of Foxp3+ regulatory T cells. Seminars in Immunology, 2015, 27, 10-18.	2.7	105
65	Comment on â€œCutting Edge: Epigenetic Regulation of Foxp3 Defines a Stable Population of CD4+ Regulatory T Cells in Tumors from Mice and Humansâ€. Journal of Immunology, 2015, 194, 3533.1-3533.	0.4	3
66	Glutamine-dependent Î±-ketoglutarate production regulates the balance between T helper 1 cell and regulatory T cell generation. Science Signaling, 2015, 8, ra97.	1.6	372
67	The Treg-Specific Demethylated Region Stabilizes Foxp3 Expression Independently of NF-ÎºB Signaling. PLoS ONE, 2014, 9, e88318.	1.1	24
68	Limited role of regulatory T cells during acute Theiler virus-induced encephalitis in resistant C57BL/6 mice. Journal of Neuroinflammation, 2014, 11, 180.	3.1	16
69	Transcriptional Control of Regulatory T cells. Current Topics in Microbiology and Immunology, 2014, 381, 83-124.	0.7	16
70	Foxp3+ Regulatory T Cells Delay Expulsion of Intestinal Nematodes by Suppression of IL-9-Driven Mast Cell Activation in BALB/c but Not in C57BL/6 Mice. PLoS Pathogens, 2014, 10, e1003913.	2.1	47
71	Induced and thymusâ€derived <scp>F</scp>oxp3⁺ regulatory <scp>T</scp> cells share a common niche. European Journal of Immunology, 2014, 44, 460-468.	1.6	27
72	A Signal Integration Model of Thymic Selection and Natural Regulatory T Cell Commitment. Journal of Immunology, 2014, 193, 5983-5996.	0.4	15

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73	De novo fatty acid synthesis controls the fate between regulatory T and T helper 17 cells. Nature Medicine, 2014, 20, 1327-1333.	15.2	694
74	Effector molecules released by Th1 but not Th17 cells drive an M1 response in microglia. Brain, Behavior, and Immunity, 2014, 37, 248-259.	2.0	65
75	Advantages of Foxp3⁺regulatory T cell depletion using DEREG mice. Immunity, Inflammation and Disease, 2014, 2, 162-165.	1.3	28
76	A Mathematical Model of Immune Activation with a Unified Self-Nonself Concept. Frontiers in Immunology, 2013, 4, 474.	2.2	23
77	The Cytotoxic Necrotizing Factor of Yersinia pseudotuberculosis (CNFY) Enhances Inflammation and Yop Delivery during Infection by Activation of Rho GTPases. PLoS Pathogens, 2013, 9, e1003746.	2.1	66
78	Active Demethylation of the Foxp3 Locus Leads to the Generation of Stable Regulatory T Cells within the Thymus. Journal of Immunology, 2013, 190, 3180-3188.	0.4	228
79	ÍºBNS Protein Mediates Regulatory T Cell Development via Induction of the Foxp3 Transcription Factor. Immunity, 2012, 37, 998-1008.	6.6	82
80	T Cell Receptor Stimulation-Induced Epigenetic Changes and Foxp3 Expression Are Independent and Complementary Events Required for Treg Cell Development. Immunity, 2012, 37, 785-799.	6.6	621
81	Neuropilin 1 is expressed on thymus-derived natural regulatory T cells, but not mucosa-generated induced Foxp3+ T reg cells. Journal of Experimental Medicine, 2012, 209, 1723-1742.	4.2	530
82	Plasticity of Foxp3+ T Cells Reflects Promiscuous Foxp3 Expression in Conventional T Cells but Not Reprogramming of Regulatory T Cells. Immunity, 2012, 36, 262-275.	6.6	534
83	Loss of Epigenetic Modification Driven by the Foxp3 Transcription Factor Leads to Regulatory T Cell Insufficiency. Immunity, 2012, 36, 717-730.	6.6	139
84	Interleukin-10 expression during the acute phase is a putative prerequisite for delayed viral elimination in a murine model for multiple sclerosis. Journal of Neuroimmunology, 2012, 249, 27-39.	1.1	26
85	<scp>F</scp>oxp3⁺<scp>T</scp>reg cells in the inflamed <scp>CNS</scp> are insensitive to <scp>IL</scp>â€6â€driven <scp>IL</scp>â€17 production. European Journal of Immunology, 2012, 42, 1174-1179.	1.6	40
86	First Insight into the Kinome of Human Regulatory T Cells. PLoS ONE, 2012, 7, e40896.	1.1	16
87	Epigenetic modification of the human CCR6 gene is associated with stable CCR6 expression in T cells. Blood, 2011, 117, 2839-2846.	0.6	50
88	CD8⁺Foxp3⁺ T cells share developmental and phenotypic features with classical CD4⁺Foxp3⁺ regulatory T cells but lack potent suppressive activity. European Journal of Immunology, 2011, 41, 716-725.	1.6	78
89	To Be or Not to Be a T _{reg} Cell: Lineage Decisions Controlled by Epigenetic Mechanisms. Science Signaling, 2011, 4, pe4.	1.6	29
90	Methylation matters: binding of Ets-1 to the demethylated Foxp3 gene contributes to the stabilization of Foxp3 expression in regulatory T cells. Journal of Molecular Medicine, 2010, 88, 1029-1040.	1.7	188

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91	Retinoic acidâ€induced gut tropism improves the protective capacity of Treg in acute but not in chronic gut inflammation. European Journal of Immunology, 2010, 40, 2539-2548.	1.6	37
92	Selective Depletion of Foxp3+ Regulatory T Cells Improves Effective Therapeutic Vaccination against Established Melanoma. Cancer Research, 2010, 70, 7788-7799.	0.4	228
93	Lymph Node Stromal Cells Support Dendritic Cell-Induced Gut-Homing of T Cells. Journal of Immunology, 2009, 183, 6395-6402.	0.4	128
94	Quantitative DNA Methylation Analysis of FOXP3 as a New Method for Counting Regulatory T Cells in Peripheral Blood and Solid Tissue. Cancer Research, 2009, 69, 599-608.	0.4	308
95	Loss of FOXP3 expression in natural human CD4⁺CD25⁺ regulatory T cells upon repetitive in vitro stimulation. European Journal of Immunology, 2009, 39, 1088-1097.	1.6	298
96	Regulatory (FOXP3⁺) T cells as target for immune therapy of cervical intraepithelial neoplasia and cervical cancer. Cancer Science, 2009, 100, 1112-1117.	1.7	60
97	Epigenetic control of FOXP3 expression: the key to a stable regulatory T-cell lineage?. Nature Reviews Immunology, 2009, 9, 83-89.	10.6	468
98	DNA methylation controls Foxp3 gene expression. European Journal of Immunology, 2008, 38, 1654-1663.	1.6	688
99	Experience-Driven Development: Effector/Memory-Like Î±E+Foxp3+ Regulatory T Cells Originate from Both Naive T Cells and Naturally Occurring Naive-Like Regulatory T Cells. Journal of Immunology, 2008, 180, 146-155.	0.4	58
100	Epigenetic Control of the foxp3 Locus in Regulatory T Cells. PLoS Biology, 2007, 5, e38.	2.6	1,068
101	Selective depletion of Foxp3+ regulatory T cells induces a scurfy-like disease. Journal of Experimental Medicine, 2007, 204, 57-63.	4.2	807
102	Induction of organ-selective CD4+ regulatory T cell homing. European Journal of Immunology, 2007, 37, 978-989.	1.6	115
103	Distinctive role of CCR7 in migration and functional activity of naive- and effector/memory-like Treg subsets. European Journal of Immunology, 2007, 37, 1575-1583.	1.6	142
104	DNA demethylation in the human FOXP3 locus discriminates regulatory T cells from activated FOXP3⁺ conventional T cells. European Journal of Immunology, 2007, 37, 2378-2389.	1.6	620
105	Self-Limitation of Th1-Mediated Inflammation by IFN-Î³. Journal of Immunology, 2006, 176, 2857-2863.	0.4	79
106	Migration matters: regulatory T-cell compartmentalization determines suppressive activity in vivo. Blood, 2005, 106, 3097-3104.	0.6	225
107	Dendritic cells govern induction and reprogramming of polarized tissue-selective homing receptor patterns of Tâ€„cells: important roles for soluble factors and tissue microenvironments. European Journal of Immunology, 2005, 35, 1056-1065.	1.6	149
108	Homing to suppress: address codes for Treg migration. Trends in Immunology, 2005, 26, 632-636.	2.9	163

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109	Developmental Stage, Phenotype, and Migration Distinguish Naive- and Effector/Memory-like CD4+ Regulatory T Cells. Journal of Experimental Medicine, 2004, 199, 303-313.	4.2	565