

Samuel Huber

List of Publications by Year in descending order

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Version: 2024-02-01

120
papers

9,632
citations

61984

43
h-index

40979

93
g-index

128
all docs

128
docs citations

128
times ranked

14791
citing authors

#	ARTICLE	IF	CITATIONS
1	TGF- β 2 Suppresses Tumor Progression in Colon Cancer by Inhibition of IL-6 trans-Signaling. <i>Immunity</i> , 2004, 21, 491-501.	14.3	700
2	Coexpression of CD49b and LAG-3 identifies human and mouse T regulatory type 1 cells. <i>Nature Medicine</i> , 2013, 19, 739-746.	30.7	700
3	Th17 cells transdifferentiate into regulatory T cells during resolution of inflammation. <i>Nature</i> , 2015, 523, 221-225.	27.8	653
4	IL-22BP is regulated by the inflammasome and modulates tumorigenesis in the intestine. <i>Nature</i> , 2012, 491, 259-263.	27.8	641
5	Control of TH17 cells occurs in the small intestine. <i>Nature</i> , 2011, 475, 514-518.	27.8	567
6	Th17 Cells Express Interleukin-10 Receptor and Are Controlled by Foxp3 ^{hi} and Foxp3 ^{lo} Regulatory CD4 ⁺ T Cells in an Interleukin-10-Dependent Manner. <i>Immunity</i> , 2011, 34, 554-565.	14.3	529
7	Cutting Edge: TGF- β 2 Signaling Is Required for the In Vivo Expansion and Immunosuppressive Capacity of Regulatory CD4 ⁺ CD25 ⁺ T Cells. <i>Journal of Immunology</i> , 2004, 173, 6526-6531.	0.8	376
8	Inflammation-induced tumorigenesis in the colon is regulated by caspase-1 and NLRC4. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 21635-21640.	7.1	376
9	Microbiota-induced activation of epithelial IL-6 signaling links inflammasome-driven inflammation with transmissible cancer. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 9862-9867.	7.1	277
10	Guidelines for the use of flow cytometry and cell sorting in immunological studies (third edition). <i>European Journal of Immunology</i> , 2021, 51, 2708-3145.	2.9	198
11	TGF- β 2-dependent induction of CD4 ⁺ CD25 ⁺ Foxp3 ⁺ Tregs by liver sinusoidal endothelial cells. <i>Journal of Hepatology</i> , 2014, 61, 594-599.	3.7	185
12	Memory/effector (CD45RB ^{lo}) CD4 T cells are controlled directly by IL-10 and cause IL-22 ^{hi} dependent intestinal pathology. <i>Journal of Experimental Medicine</i> , 2011, 208, 1027-1040.	8.5	164
13	Autoimmune Renal Disease Is Exacerbated by S1P-Receptor-1-Dependent Intestinal Th17 Cell Migration to the Kidney. <i>Immunity</i> , 2016, 45, 1078-1092.	14.3	149
14	Oxysterol Sensing through the Receptor GPR183 Promotes the Lymphoid-Tissue-Inducing Function of Innate Lymphoid Cells and Colonic Inflammation. <i>Immunity</i> , 2018, 48, 120-132.e8.	14.3	149
15	Nanoparticle-based autoantigen delivery to Treg-inducing liver sinusoidal endothelial cells enables control of autoimmunity in mice. <i>Journal of Hepatology</i> , 2015, 62, 1349-1356.	3.7	145
16	Microbiota-driven interleukin-17-producing cells and eosinophils synergize to accelerate multiple myeloma progression. <i>Nature Communications</i> , 2018, 9, 4832.	12.8	144
17	Ectopic expression of neural autoantigen in mouse liver suppresses experimental autoimmune neuroinflammation by inducing antigen-specific Tregs. <i>Journal of Clinical Investigation</i> , 2008, 118, 3403-10.	8.2	142
18	The Fire Within: Microbes Inflamm Tumors. <i>Cell</i> , 2014, 157, 776-783.	28.9	133

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19	A pathogenic role for T cellâ€‘derived IL-22BP in inflammatory bowel disease. <i>Science</i> , 2016, 354, 358-362.	12.6	128
20	Clonal expansion and activation of tissue-resident memory-like T _H 17 cells expressing GM-CSF in the lungs of patients with severe COVID-19. <i>Science Immunology</i> , 2021, 6, .	11.9	125
21	Regulation of TH17 Cells and Associated Cytokines in Wound Healing, Tissue Regeneration, and Carcinogenesis. <i>International Journal of Molecular Sciences</i> , 2017, 18, 1033.	4.1	112
22	Activin A Promotes the TGF-Î²-Induced Conversion of CD4+CD25â€™ T Cells into Foxp3+ Induced Regulatory T Cells. <i>Journal of Immunology</i> , 2009, 182, 4633-4640.	0.8	111
23	IL-10 Receptor Signaling Is Essential for TR1 Cell Function In Vivo. <i>Journal of Immunology</i> , 2017, 198, 1130-1141.	0.8	108
24	Distinct Microbial Communities Trigger Colitis Development upon Intestinal Barrier Damage via Innate or Adaptive Immune Cells. <i>Cell Reports</i> , 2017, 21, 994-1008.	6.4	105
25	TGFÎ² regulates the CD4+CD25+ T-cell pool and the expression of Foxp3 in vivo. <i>International Immunology</i> , 2004, 16, 1241-1249.	4.0	98
26	Molecular consequences of SARS-CoV-2 liver tropism. <i>Nature Metabolism</i> , 2022, 4, 310-319.	11.9	98
27	Innate Immune Cells in Inflammation and Cancer. <i>Cancer Immunology Research</i> , 2013, 1, 77-84.	3.4	97
28	Molecular and functional heterogeneity of IL-10-producing CD4+ T cells. <i>Nature Communications</i> , 2018, 9, 5457.	12.8	93
29	Inhibition of inflammatory CD4 T cell activity by murine liver sinusoidal endothelial cells. <i>Journal of Hepatology</i> , 2013, 58, 112-118.	3.7	91
30	TGF-Î² signaling in Th17 cells promotes IL-22 production and colitis-associated colon cancer. <i>Nature Communications</i> , 2020, 11, 2608.	12.8	90
31	IL-10-producing T cells and their dual functions. <i>Seminars in Immunology</i> , 2019, 44, 101335.	5.6	78
32	Intestinal type 1 regulatory T cells migrate to periphery to suppress diabetogenic T cells and prevent diabetes development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10443-10448.	7.1	77
33	Basic Aspects of T Helper Cell Differentiation. <i>Methods in Molecular Biology</i> , 2017, 1514, 19-30.	0.9	68
34	Life, death, and miracles: <scp>T</scp>h17 cells in the intestine. <i>European Journal of Immunology</i> , 2012, 42, 2238-2245.	2.9	64
35	X-ray-Based Techniques to Study the Nanoâ€‘Bio Interface. <i>ACS Nano</i> , 2021, 15, 3754-3807.	14.6	60
36	Pathogen-induced tissue-resident memory T _H 17 (T _{RM} 17) cells amplify autoimmune kidney disease. <i>Science Immunology</i> , 2020, 5, .	11.9	58

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37	Coexpression of TGF- β 1 and IL-10 Enables Regulatory T Cells to Completely Suppress Airway Hyperreactivity. <i>Journal of Immunology</i> , 2008, 181, 7751-7758.	0.8	55
38	TH17 Cell and Epithelial Cell Crosstalk during Inflammatory Bowel Disease and Carcinogenesis. <i>Frontiers in Immunology</i> , 2017, 8, 1373.	4.8	55
39	TH17 cell plasticity: The role of dendritic cells and molecular mechanisms. <i>Journal of Autoimmunity</i> , 2018, 87, 50-60.	6.5	50
40	Monocytes as Potential Mediators of Pathogen-Induced T Helper 17 Differentiation in Patients With Primary Sclerosing Cholangitis (PSC). <i>Hepatology</i> , 2020, 72, 1310-1326.	7.3	50
41	P38 MAP Kinase Signaling Is Required for the Conversion of CD4+CD25 ⁺ T Cells into iTreg. <i>PLoS ONE</i> , 2008, 3, e3302.	2.5	50
42	Single-cell atlas of hepatic T cells reveals expansion of liver-resident naive-like CD4+ T cells in primary sclerosing cholangitis. <i>Journal of Hepatology</i> , 2021, 75, 414-423.	3.7	49
43	Hepatocytes Contribute to Immune Regulation in the Liver by Activation of the Notch Signaling Pathway in T Cells. <i>Journal of Immunology</i> , 2013, 191, 5574-5582.	0.8	48
44	Defining the CD39/CD73 Axis in SARS-CoV-2 Infection: The CD73- Phenotype Identifies Polyfunctional Cytotoxic Lymphocytes. <i>Cells</i> , 2020, 9, 1750.	4.1	48
45	Regulatory T Cell-Derived IL-10 Ameliorates Crescentic GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2013, 24, 930-942.	6.1	47
46	Sustained Response After Remdesivir and Convalescent Plasma Therapy in a B-Cell-Depleted Patient With Protracted Coronavirus Disease 2019 (COVID-19). <i>Clinical Infectious Diseases</i> , 2021, 73, e4020-e4024.	5.8	47
47	TH17 cells express ST2 and are controlled by the alarmin IL-33 in the small intestine. <i>Mucosal Immunology</i> , 2017, 10, 1431-1442.	6.0	46
48	IgG Fc sialylation is regulated during the germinal center reaction following immunization with different adjuvants. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 146, 652-666.e11.	2.9	45
49	Prenatal Acetaminophen Affects Maternal Immune and Endocrine Adaptation to Pregnancy, Induces Placental Damage, and Impairs Fetal Development in Mice. <i>American Journal of Pathology</i> , 2015, 185, 2805-2818.	3.8	43
50	Disturbed lipid and amino acid metabolisms in COVID-19 patients. <i>Journal of Molecular Medicine</i> , 2022, 100, 555-568.	3.9	42
51	IL-10 Receptor Signaling Empowers Regulatory T Cells to Control Th17 Responses and Protect from GN. <i>Journal of the American Society of Nephrology: JASN</i> , 2018, 29, 1825-1837.	6.1	41
52	TGF-beta and CD4+CD25+ Regulatory T cells. <i>Frontiers in Bioscience - Landmark</i> , 2006, 11, 1014.	3.0	40
53	IL-33 modulates inflammatory brain injury but exacerbates systemic immunosuppression following ischemic stroke. <i>JCI Insight</i> , 2018, 3, .	5.0	39
54	A Protective Function of IL-22BP in Ischemia Reperfusion and Acetaminophen-Induced Liver Injury. <i>Journal of Immunology</i> , 2017, 199, 4078-4090.	0.8	38

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55	Microbiota-Propelled T Helper 17 Cells in Inflammatory Diseases and Cancer. <i>Microbiology and Molecular Biology Reviews</i> , 2020, 84, .	6.6	37
56	Seroprevalence of SARS-CoV-2 antibodies among hospital workers in a German tertiary care center: A sequential follow-up study. <i>International Journal of Hygiene and Environmental Health</i> , 2021, 232, 113671.	4.3	37
57	Dietary Habits and Intestinal Immunity: From Food Intake to CD4+ TH Cells. <i>Frontiers in Immunology</i> , 2018, 9, 3177.	4.8	33
58	Plasticity of Th17 Cells in Autoimmune Kidney Diseases. <i>Journal of Immunology</i> , 2016, 197, 449-457.	0.8	31
59	IL22BP Mediates the Antitumor Effects of Lymphotoxin Against Colorectal Tumors in Mice and Humans. <i>Gastroenterology</i> , 2020, 159, 1417-1430.e3.	1.3	31
60	Interferon- β -dependent immune responses contribute to the pathogenesis of sclerosing cholangitis in mice. <i>Journal of Hepatology</i> , 2019, 71, 773-782.	3.7	30
61	Interleukin-22-deficiency and microbiota contribute to the exacerbation of <i>Toxoplasma gondii</i> -induced intestinal inflammation. <i>Mucosal Immunology</i> , 2018, 11, 1181-1190.	6.0	29
62	Dual NADPH oxidases DUOX1 and DUOX2 synthesize NAADP and are necessary for Ca ²⁺ signaling during T cell activation. <i>Science Signaling</i> , 2021, 14, eabe3800.	3.6	28
63	The induction and function of the anti-inflammatory fate of TH17 cells. <i>Nature Communications</i> , 2020, 11, 3334.	12.8	27
64	Dysfunction of hepatic regulatory T cells in experimental sclerosing cholangitis is related to IL-12 signaling. <i>Journal of Hepatology</i> , 2017, 66, 798-805.	3.7	26
65	Recipe for IBD: can we use food to control inflammatory bowel disease?. <i>Seminars in Immunopathology</i> , 2018, 40, 145-156.	6.1	26
66	Interleukin-10 improves stroke outcome by controlling the detrimental Interleukin-17A response. <i>Journal of Neuroinflammation</i> , 2021, 18, 265.	7.2	26
67	NK cell receptor NKG2D enforces proinflammatory features and pathogenicity of Th1 and Th17 cells. <i>Journal of Experimental Medicine</i> , 2020, 217, .	8.5	25
68	Chronic Inflammatory IFN- β Signaling Suppresses Hepatocarcinogenesis in Mice by Sensitizing Hepatocytes for Apoptosis. <i>Cancer Research</i> , 2011, 71, 3763-3771.	0.9	24
69	IL-22 dampens the T cell response in experimental malaria. <i>Scientific Reports</i> , 2016, 6, 28058.	3.3	24
70	Regulation of IL-22BP in psoriasis. <i>Scientific Reports</i> , 2018, 8, 5085.	3.3	23
71	Microbiota-Dependent Effects of IL-22. <i>Cells</i> , 2020, 9, 2205.	4.1	23
72	Therapeutic Targeting of Myeloperoxidase Attenuates NASH in Mice. <i>Hepatology Communications</i> , 2020, 4, 1441-1458.	4.3	23

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73	Cytokine crowdsourcing: multicellular production of TH17-associated cytokines. <i>Journal of Leukocyte Biology</i> , 2015, 97, 499-510.	3.3	20
74	Liver transplantation for acute-on-chronic liver failure predicts post-transplant mortality and impaired long-term quality of life. <i>Liver International</i> , 2021, 41, 574-584.	3.9	19
75	Patient Characteristics and Clinical Course of COVID-19 Patients Treated at a German Tertiary Center during the First and Second Waves in the Year 2020. <i>Journal of Clinical Medicine</i> , 2021, 10, 2274.	2.4	19
76	IL-23 prevents IL-13-dependent tissue repair associated with Ly6C ^{lo} monocytes in <i>Entamoeba histolytica</i> -induced liver damage. <i>Journal of Hepatology</i> , 2016, 64, 1147-1157.	3.7	18
77	Role of Activin A in the Induction of Foxp3 ⁺ and Foxp3 ^{hi} CD4 ⁺ Regulatory T Cells. <i>Critical Reviews in Immunology</i> , 2011, 31, 53-60.	0.5	17
78	Colitis Promotes a Pathological Condition of the Liver in the Absence of Foxp3 ⁺ Regulatory T Cells. <i>Journal of Immunology</i> , 2018, 201, 3558-3568.	0.8	16
79	Comparison of the integrin $\alpha 4 \beta 7$ expression pattern of memory T cell subsets in HIV infection and ulcerative colitis. <i>PLoS ONE</i> , 2019, 14, e0220008.	2.5	16
80	The good and the bad about separation anxiety: roles of IL-22 and IL-22BP in liver pathologies. <i>Seminars in Immunopathology</i> , 2021, 43, 591-607.	6.1	16
81	A prenatally disrupted airway epithelium orchestrates the fetal origin of asthma in mice. <i>Journal of Allergy and Clinical Immunology</i> , 2020, 145, 1641-1654.	2.9	15
82	IL-17 Receptor C Signaling Controls CD4 ⁺ TH17 Immune Responses and Tissue Injury in Immune-Mediated Kidney Diseases. <i>Journal of the American Society of Nephrology: JASN</i> , 2021, 32, 3081-3098.	6.1	14
83	CD4 ⁺ T-cell-derived IL-10 promotes CNS inflammation in mice by sustaining effector T cell survival. <i>Cell Reports</i> , 2022, 38, 110565.	6.4	14
84	Flt3 ligand expands bona fide innate lymphoid cell precursors in vivo. <i>Scientific Reports</i> , 2018, 8, 154.	3.3	12
85	T cell plasticity in renal autoimmune disease. <i>Cell and Tissue Research</i> , 2021, 385, 323-333.	2.9	12
86	Validation of a Prospective Urinalysis-Based Prediction Model for ICU Resources and Outcome of COVID-19 Disease: A Multicenter Cohort Study. <i>Journal of Clinical Medicine</i> , 2021, 10, 3049.	2.4	12
87	Th17 cell plasticity towards a T-bet-dependent Th1 phenotype is required for bacterial control in <i>Staphylococcus aureus</i> infection. <i>PLoS Pathogens</i> , 2022, 18, e1010430.	4.7	12
88	Role of IL-10 Receptor Signaling in the Function of CD4 ⁺ T-Regulatory Type 1 cells: T-Cell Therapy in Patients with Inflammatory Bowel Disease. <i>Critical Reviews in Immunology</i> , 2018, 38, 415-431.	0.5	10
89	Decreased Frequency of Intestinal CD39 ⁺ T ^H 17 ⁺ T Cells With Tissue-Resident Memory Phenotype in Inflammatory Bowel Disease. <i>Frontiers in Immunology</i> , 2020, 11, 567472.	4.8	10
90	Anti-inflammatory microenvironment of esophageal adenocarcinomas negatively impacts survival. <i>Cancer Immunology, Immunotherapy</i> , 2020, 69, 1043-1056.	4.2	10

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91	Multi-dimensional and longitudinal systems profiling reveals predictive pattern of severe COVID-19. <i>IScience</i> , 2021, 24, 102752.	4.1	9
92	The Intestine: where amazing things happen. <i>Cell Research</i> , 2012, 22, 277-279.	12.0	8
93	CD4 ⁺ T Helper Cell Plasticity in Infection, Inflammation, and Autoimmunity. <i>Mediators of Inflammation</i> , 2017, 2017, 1-2.	3.0	8
94	T cell cytokines in the diagnostic of early-onset sepsis. <i>Pediatric Research</i> , 2021, 90, 191-196.	2.3	8
95	In-situ x-ray fluorescence imaging of the endogenous iodine distribution in murine thyroids. <i>Scientific Reports</i> , 2022, 12, 2903.	3.3	8
96	Dendritic Cell Accumulation in the Gut and Central Nervous System Is Differentially Dependent on α 4 Integrins. <i>Journal of Immunology</i> , 2019, 203, 1417-1427.	0.8	7
97	Endogenous IL-22 is dispensable for experimental glomerulonephritis. <i>American Journal of Physiology - Renal Physiology</i> , 2019, 316, F712-F722.	2.7	7
98	Rationalizing heptadecaphobia: T _H 17 cells and associated cytokines in cancer and metastasis. <i>FEBS Journal</i> , 2021, 288, 6942-6971.	4.7	7
99	Induction of IL-22-Producing CD4 ⁺ T Cells by Segmented Filamentous Bacteria Independent of Classical Th17 Cells. <i>Frontiers in Immunology</i> , 2021, 12, 671331.	4.8	7
100	Systemic interleukin 10 levels indicate advanced stages while interleukin 17A levels correlate with reduced survival in esophageal adenocarcinomas. <i>PLoS ONE</i> , 2020, 15, e0231833.	2.5	6
101	Malaria in the Time of COVID-19: Do Not Miss the Real Cause of Illness. <i>Tropical Medicine and Infectious Disease</i> , 2021, 6, 40.	2.3	6
102	Efferocytosis fuels malignant pleural effusion through TIMP1. <i>Science Advances</i> , 2021, 7, .	10.3	6
103	Convalescent plasma treatment for early post-kidney transplant acquired COVID-19. <i>Transplant Infectious Disease</i> , 2021, 23, e13685.	1.7	5
104	High and Sustained Ex Vivo Frequency but Altered Phenotype of SARS-CoV-2-Specific CD4 ⁺ T-Cells in an Anti-CD20-Treated Patient with Prolonged COVID-19. <i>Viruses</i> , 2022, 14, 1265.	3.3	5
105	The Role of T _H 17-Associated Cytokines in Health and Disease. <i>Journal of Immunology Research</i> , 2014, 2014, 1-1.	2.2	4
106	Possible tumour cell reimplantation during curative endoscopic therapy of superficial Barrett's carcinoma. <i>Gut</i> , 2022, 71, 277-286.	12.1	4
107	Checks and Balances: IL-23 in the Intestine. <i>Immunity</i> , 2010, 33, 150-152.	14.3	3
108	Leukocyte-Derived High-Mobility Group Box 1 Governs Hepatic Immune Responses to <i>Listeria monocytogenes</i> . <i>Hepatology Communications</i> , 2021, 5, 2104-2120.	4.3	3

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109	Tissue Sampling and Homogenization with NIRS Enables Spatially Resolved Cell Layer Specific Proteomic Analysis of the Murine Intestine. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6132.	4.1	3
110	High risk of complications and acute-on-chronic liver failure in cirrhosis patients with acute pancreatitis. <i>European Journal of Internal Medicine</i> , 2022, 102, 54-62.	2.2	3
111	Three Separate Spike Antigen Exposures by COVID-19 Vaccination or SARS-CoV-2 Infection Elicit Strong Humoral Immune Responses in Healthcare Workers. <i>Vaccines</i> , 2022, 10, 1086.	4.4	3
112	Intestinal Regulatory CD4 + T Cells. , 2015, , 777-785.		2
113	Trans-Ned 19-Mediated Antagonism of Nicotinic Acid Adenine Nucleotide Mediated Calcium Signaling Regulates Th17 Cell Plasticity in Mice. <i>Cells</i> , 2021, 10, 3039.	4.1	2
114	TRPM2 Is Not Required for T-Cell Activation and Differentiation. <i>Frontiers in Immunology</i> , 2021, 12, 778916.	4.8	2
115	Equal Efficacy and Safety Profile in Elderly Patients with Hepatocellular Carcinoma Receiving Palliative Treatment. <i>Cancers</i> , 2022, 14, 768.	3.7	1
116	Low incidence of COVID-19 in a prospective cohort of patients with liver cirrhosis and hepatocellular carcinoma treated at a tertiary medical center during the 2020 pandemic. <i>PLoS ONE</i> , 2021, 16, e0258450.	2.5	1
117	Title is missing!. , 2020, 15, e0231833.		0
118	Title is missing!. , 2020, 15, e0231833.		0
119	Title is missing!. , 2020, 15, e0231833.		0
120	Title is missing!. , 2020, 15, e0231833.		0