

Casey T Weaver

List of Publications by Year in Descending Order

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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.

131
papers

22,537
citations

61
h-index

150
g-index

150
ext. papers

24,980
ext. citations

15.9
avg, IF

6.72
L-index

#	Paper	IF	Citations
131	Intrinsic IL-2 production by effector CD8 T cells affects IL-2 signaling and promotes fate decisions, stemness, and protection.. <i>Science Immunology</i> , 2022 , 7, eabl6322	28	0
130	A nonredundant role for T _H 17 cell-derived interleukin 22 in antibacterial defense of colonic crypts.. <i>Immunity</i> , 2022 , 55, 494-511.e11	32.3	3
129	CAR directs T cell adaptation to bile acids in the small intestine. <i>Nature</i> , 2021 , 593, 147-151	50.4	10
128	Trigger-dependent differences determine therapeutic outcome in murine primary hemophagocytic lymphohistiocytosis. <i>European Journal of Immunology</i> , 2020 , 50, 1770-1782	6.1	4
127	One road to the T17 pathway: how T1 led to T17 (and vice versa), and first came last. <i>Nature Immunology</i> , 2020 , 21, 819-821	19.1	3
126	Bone marrow Tregs mediate stromal cell function and support hematopoiesis via IL-10. <i>JCI Insight</i> , 2020 , 5,	9.9	10
125	Reduction of AMPA receptor activity on mature oligodendrocytes attenuates loss of myelinated axons in autoimmune neuroinflammation. <i>Science Advances</i> , 2020 , 6, eaax5936	14.3	16
124	T17 cells require ongoing classic IL-6 receptor signaling to retain transcriptional and functional identity. <i>Science Immunology</i> , 2020 , 5,	28	28
123	Insulin-Like Growth Factors Are Key Regulators of T Helper 17 Regulatory T Cell Balance in Autoimmunity. <i>Immunity</i> , 2020 , 52, 650-667.e10	32.3	29
122	Effector T17 Cells Give Rise to Long-Lived T Cells that Are Essential for an Immediate Response against Bacterial Infection. <i>Cell</i> , 2019 , 178, 1176-1188.e15	56.2	54
121	Batf1 pioneers the reorganization of chromatin in developing effector T cells via Ets1-dependent recruitment of Ctcf. <i>Cell Reports</i> , 2019 , 29, 1203-1220.e7	10.6	28
120	Preventing dysbiosis of the neonatal mouse intestinal microbiome protects against late-onset sepsis. <i>Nature Medicine</i> , 2019 , 25, 1772-1782	50.5	59
119	Natural Tr1-like cells do not confer long-term tolerogenic memory. <i>ELife</i> , 2019 , 8,	8.9	4
118	IL-1R signaling promotes STAT3 and NF- κ B factor recruitment to distal -regulatory elements that regulate transcription. <i>Journal of Biological Chemistry</i> , 2018 , 293, 15790-15800	5.4	25
117	Differential IL-2 expression defines developmental fates of follicular versus nonfollicular helper T cells. <i>Science</i> , 2018 , 361,	33.3	107
116	Bhlhe40 is an essential repressor of IL-10 during infection. <i>Journal of Experimental Medicine</i> , 2018 , 215, 1823-1838	16.6	53
115	Selective induction of homeostatic Th17 cells in the murine intestine by cholera toxin interacting with the microbiota. <i>Journal of Immunology</i> , 2017 , 199, 312-322	5.3	11

114	T Cell-Derived IL-10 Impairs Host Resistance to Infection. <i>Journal of Immunology</i> , 2017 , 199, 613-623	5.3	62
113	Host interleukin 6 production regulates inflammation but not tryptophan metabolism in the brain during murine GVHD. <i>JCI Insight</i> , 2017 , 2,	9.9	8
112	Determining Immune System Suppression versus CNS Protection for Pharmacological Interventions in Autoimmune Demyelination. <i>Journal of Visualized Experiments</i> , 2016 ,	1.6	3
111	Regulation of Effector Treg Cells in Murine Lupus. <i>Arthritis and Rheumatology</i> , 2016 , 68, 1454-66	9.5	12
110	Colonization potential to reconstitute a microbe community in patients detected early after fecal microbe transplant for recurrent <i>C. difficile</i> . <i>BMC Microbiology</i> , 2016 , 16, 5	4.5	16
109	A colitogenic memory CD4+ T cell population mediates gastrointestinal graft-versus-host disease. <i>Journal of Clinical Investigation</i> , 2016 , 126, 3541-55	15.9	24
108	Cytomegalovirus-Specific IL-10-Producing CD4+ T Cells Are Governed by Type-I IFN-Induced IL-27 and Promote Virus Persistence. <i>PLoS Pathogens</i> , 2016 , 12, e1006050	7.6	35
107	IL-6 promotes the differentiation of a subset of naive CD8+ T cells into IL-21-producing B helper CD8+ T cells. <i>Journal of Experimental Medicine</i> , 2016 , 213, 2281-2291	16.6	66
106	Daughters' Tolerance of Mom Matters in Mate Choice. <i>Cell</i> , 2015 , 162, 467-9	56.2	2
105	Skin-resident memory CD4+ T cells enhance protection against <i>Leishmania major</i> infection. <i>Journal of Experimental Medicine</i> , 2015 , 212, 1405-14	16.6	137
104	Inhibition of System Xc(-) Transporter Attenuates Autoimmune Inflammatory Demyelination. <i>Journal of Immunology</i> , 2015 , 195, 450-463	5.3	56
103	Th17 cells transdifferentiate into regulatory T cells during resolution of inflammation. <i>Nature</i> , 2015 , 523, 221-5	50.4	505
102	T-cell Expression of IL10 Is Essential for Tumor Immune Surveillance in the Small Intestine. <i>Cancer Immunology Research</i> , 2015 , 3, 806-14	12.5	28
101	Th17 cells give rise to Th1 cells that are required for the pathogenesis of colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 7061-6	11.5	219
100	IRF4-Dependent and IRF4-Independent Pathways Contribute to DC Dysfunction in Lupus. <i>PLoS ONE</i> , 2015 , 10, e0141927	3.7	12
99	Ligation of TLR7 on CD19(+) CD1d(hi) B cells suppresses allergic lung inflammation via regulatory T cells. <i>European Journal of Immunology</i> , 2015 , 45, 1842-54	6.1	27
98	Effector CD4+ T Cells in the Intestines 2015 , 721-732		1
97	PD-L1hi B cells are critical regulators of humoral immunity. <i>Nature Communications</i> , 2015 , 6, 5997	17.4	187

96	IL-1 signaling modulates activation of STAT transcription factors to antagonize retinoic acid signaling and control the TH17 cell-iTreg cell balance. <i>Nature Immunology</i> , 2015 , 16, 286-95	19.1	116
95	The transcription factors T-bet and Runx are required for the ontogeny of pathogenic interferon- γ -producing T helper 17 cells. <i>Immunity</i> , 2014 , 40, 355-66	32.3	144
94	Development and survival of Th17 cells within the intestines: the influence of microbiome- and diet-derived signals. <i>Journal of Immunology</i> , 2014 , 193, 4769-77	5.3	39
93	Deletion of a conserved cis-element in the Ifng locus highlights the role of acute histone acetylation in modulating inducible gene transcription. <i>PLoS Genetics</i> , 2014 , 10, e1003969	6	20
92	Chronic viral infection promotes sustained Th1-derived immunoregulatory IL-10 via BLIMP-1. <i>Journal of Clinical Investigation</i> , 2014 , 124, 3455-68	15.9	62
91	IL-4 induces a suppressive IL-10-producing CD8+ T cell population via a Cdkn2a-dependent mechanism. <i>Journal of Leukocyte Biology</i> , 2013 , 94, 1103-12	6.5	12
90	Antiapoptotic Mcl-1 is critical for the survival and niche-filling capacity of Foxp3+ regulatory T cells. <i>Nature Immunology</i> , 2013 , 14, 959-65	19.1	172
89	Notch simultaneously orchestrates multiple helper T cell programs independently of cytokine signals. <i>Immunity</i> , 2013 , 39, 148-59	32.3	112
88	IL-2 coordinates IL-2-producing and regulatory T cell interplay. <i>Journal of Experimental Medicine</i> , 2013 , 210, 2707-20	16.6	64
87	Role of TLR2-dependent IL-10 production in the inhibition of the initial IFN- γ cell response to <i>Porphyromonas gingivalis</i> . <i>Journal of Leukocyte Biology</i> , 2013 , 93, 21-31	6.5	40
86	The Th17 pathway and inflammatory diseases of the intestines, lungs, and skin. <i>Annual Review of Pathology: Mechanisms of Disease</i> , 2013 , 8, 477-512	34	293
85	Allogeneic Th1 cells home to host bone marrow and spleen and mediate IFN γ -dependent aplasia. <i>Biology of Blood and Marrow Transplantation</i> , 2013 , 19, 876-87	4.7	9
84	The Th17 family: flexibility follows function. <i>Immunological Reviews</i> , 2013 , 252, 89-103	11.3	181
83	Dwelling on T cell fate decisions. <i>Cell</i> , 2013 , 153, 739-41	56.2	6
82	Adenomatous polyps are driven by microbe-instigated focal inflammation and are controlled by IL-10-producing T cells. <i>Cancer Research</i> , 2013 , 73, 5905-13	10.1	200
81	Linking vitamin d deficiency to inflammatory bowel disease. <i>Inflammatory Bowel Diseases</i> , 2013 , 19, 2245-56	4.5	36
80	IL-22-producing neutrophils contribute to antimicrobial defense and restitution of colonic epithelial integrity during colitis. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 12768-73	11.5	240
79	Retinoic acid hypersensitivity promotes peripheral tolerance in recent thymic emigrants. <i>Journal of Immunology</i> , 2013 , 190, 2603-13	5.3	13

78	Peritoneal cavity regulatory B cells (B10 cells) modulate IFN- γ CD4+ T cell numbers during colitis development in mice. <i>Journal of Immunology</i> , 2013 , 191, 2780-2795	5.3	110
77	Developmental regulation of Th17-cell capacity in human neonates. <i>European Journal of Immunology</i> , 2012 , 42, 311-9	6.1	52
76	γ cells recognize a microbial encoded B cell antigen to initiate a rapid antigen-specific interleukin-17 response. <i>Immunity</i> , 2012 , 37, 524-34	32.3	133
75	Th22 cells are an important source of IL-22 for host protection against enteropathogenic bacteria. <i>Immunity</i> , 2012 , 37, 1061-75	32.3	310
74	Stem-cell-like qualities of immune memory; CD4+ T cells join the party. <i>Cell Stem Cell</i> , 2012 , 10, 107-8	18	19
73	The β glucan receptor dectin-1 promotes lung immunopathology during fungal allergy via IL-22. <i>Journal of Immunology</i> , 2012 , 189, 3653-60	5.3	100
72	Reciprocal interactions of the intestinal microbiota and immune system. <i>Nature</i> , 2012 , 489, 231-41	50.4	982
71	Dectin-1-dependent interleukin-22 contributes to early innate lung defense against <i>Aspergillus fumigatus</i> . <i>Infection and Immunity</i> , 2012 , 80, 410-7	3.7	104
70	Regulatory B10 cells differentiate into antibody-secreting cells after transient IL-10 production in vivo. <i>Journal of Immunology</i> , 2012 , 188, 1036-48	5.3	130
69	B cell-derived IL-10 does not regulate spontaneous systemic autoimmunity in MRL.Fas(lpr) mice. <i>Journal of Immunology</i> , 2012 , 188, 678-85	5.3	78
68	Natural killer cell activation enhances immune pathology and promotes chronic infection by limiting CD8+ T-cell immunity. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2012 , 109, 1210-5	11.5	241
67	Interleukin-12 converts Foxp3+ regulatory T cells to interferon- γ -producing Foxp3+ T cells that inhibit colitis. <i>Gastroenterology</i> , 2011 , 140, 2031-43	13.3	113
66	Th17 cells mediate clade-specific, serotype-independent mucosal immunity. <i>Immunity</i> , 2011 , 35, 997-1009	32.3	131
65	Lineage-specific effects of 1,25-dihydroxyvitamin D(3) on the development of effector CD4 T cells. <i>Journal of Biological Chemistry</i> , 2011 , 286, 997-1004	5.4	163
64	Neutrophils produce interleukin 17A (IL-17A) in a dectin-1- and IL-23-dependent manner during invasive fungal infection. <i>Infection and Immunity</i> , 2011 , 79, 3966-77	3.7	140
63	Regulation of the Ifng locus in the context of T-lineage specification and plasticity. <i>Immunological Reviews</i> , 2010 , 238, 216-32	11.3	43
62	Autoimmunity: increasing suspects in the CD4+ T cell lineup. <i>Nature Immunology</i> , 2010 , 11, 36-40	19.1	75
61	Pronounced virus-dependent activation drives exhaustion but sustains IFN- γ transcript levels. <i>Journal of Immunology</i> , 2010 , 185, 3643-51	5.3	27

60	Epigenetic instability of cytokine and transcription factor gene loci underlies plasticity of the T helper 17 cell lineage. <i>Immunity</i> , 2010 , 32, 616-27	32.3	219
59	Modular utilization of distal cis-regulatory elements controls Ifng gene expression in T cells activated by distinct stimuli. <i>Immunity</i> , 2010 , 33, 35-47	32.3	56
58	Contrasting roles for all-trans retinoic acid in TGF-beta-mediated induction of Foxp3 and Il10 genes in developing regulatory T cells. <i>Journal of Experimental Medicine</i> , 2009 , 206, 343-57	16.6	86
57	IL-9 as a mediator of Th17-driven inflammatory disease. <i>Journal of Experimental Medicine</i> , 2009 , 206, 1653-60	16.6	281
56	TGF-beta promotes Th17 cell development through inhibition of SOCS3. <i>Journal of Immunology</i> , 2009 , 183, 97-105	5.3	166
55	Effector and suppressor roles for LFA-1 during the development of experimental autoimmune encephalomyelitis. <i>Journal of Neuroimmunology</i> , 2009 , 206, 22-7	3.5	24
54	Bioluminescence-based visualization of CD4 T cell dynamics using a T lineage-specific luciferase transgenic model. <i>BMC Immunology</i> , 2009 , 10, 44	3.7	21
53	MMP induced by Gr-1+ cells are crucial for recruitment of Th cells into the airways. <i>European Journal of Immunology</i> , 2009 , 39, 2281-92	6.1	10
52	Th17: The ascent of a new effector T-cell subset. Preface. <i>European Journal of Immunology</i> , 2009 , 39, 634-6	6.1	23
51	Developmental plasticity of Th17 and Treg cells. <i>Current Opinion in Immunology</i> , 2009 , 21, 274-80	7.8	326
50	The AP-1 transcription factor Batf controls T(H)17 differentiation. <i>Nature</i> , 2009 , 460, 405-9	50.4	435
49	Late developmental plasticity in the T helper 17 lineage. <i>Immunity</i> , 2009 , 30, 92-107	32.3	807
48	Intestinal effector T cells in health and disease. <i>Immunity</i> , 2009 , 31, 389-400	32.3	144
47	Interplay between the TH17 and TReg cell lineages: a (co-)evolutionary perspective. <i>Nature Reviews Immunology</i> , 2009 , 9, 883-9	36.5	307
46	Duality in the Th17-Treg developmental decision. <i>F1000 Biology Reports</i> , 2009 , 1, 5		9
45	Memory CD4 T cells emerge from effector T-cell progenitors. <i>Nature</i> , 2008 , 452, 356-60	50.4	197
44	Emergence of the Th17 pathway and its role in host defense. <i>Advances in Immunology</i> , 2008 , 99, 115-63	5.6	104
43	Noninvasive bioluminescence imaging in small animals. <i>ILAR Journal</i> , 2008 , 49, 103-15	1.7	101

42	Diversity in the contribution of interleukin-10 to T-cell-mediated immune regulation. <i>Immunological Reviews</i> , 2008 , 226, 219-33	11.3	225
41	Monoclonal anti-interleukin 23 reverses active colitis in a T cell-mediated model in mice. <i>Gastroenterology</i> , 2007 , 132, 2359-70	13.3	371
40	The genetics of inflammatory bowel disease. <i>Gastroenterology</i> , 2007 , 133, 1327-39	13.3	137
39	Regulatory T cells expressing interleukin 10 develop from Foxp3+ and Foxp3- precursor cells in the absence of interleukin 10. <i>Nature Immunology</i> , 2007 , 8, 931-41	19.1	453
38	T-cell subsets: the more the merrier. <i>Current Biology</i> , 2007 , 17, R61-3	6.3	25
37	Imaging CD8+ T cell dynamics in vivo using a transgenic luciferase reporter. <i>International Immunology</i> , 2007 , 19, 1165-73	4.9	22
36	IL-17 family cytokines and the expanding diversity of effector T cell lineages. <i>Annual Review of Immunology</i> , 2007 , 25, 821-52	34.7	1517
35	Antigen and lipopolysaccharide play synergistic roles in the effector phase of airway inflammation in mice. <i>American Journal of Pathology</i> , 2006 , 168, 1425-34	5.8	21
34	Th17: an effector CD4 T cell lineage with regulatory T cell ties. <i>Immunity</i> , 2006 , 24, 677-688	32.3	1149
33	A distal conserved sequence element controls Ifng gene expression by T cells and NK cells. <i>Immunity</i> , 2006 , 25, 717-29	32.3	139
32	Transforming growth factor-beta induces development of the T(H)17 lineage. <i>Nature</i> , 2006 , 441, 231-4	50.4	2728
31	Expanding the effector CD4 T-cell repertoire: the Th17 lineage. <i>Current Opinion in Immunology</i> , 2006 , 18, 349-56	7.8	479
30	Alterations of T lymphocytes in inflammatory bowel diseases. <i>Advances in Experimental Medicine and Biology</i> , 2006 , 579, 133-48	3.6	
29	P-selectin can support both Th1 and Th2 lymphocyte rolling in the intestinal microvasculature. <i>American Journal of Pathology</i> , 2005 , 167, 1647-60	5.8	33
28	Both Th1 and Th2 cells require P-selectin glycoprotein ligand-1 for optimal rolling on inflamed endothelium. <i>American Journal of Pathology</i> , 2005 , 167, 1661-75	5.8	22
27	Interleukin 17-producing CD4+ effector T cells develop via a lineage distinct from the T helper type 1 and 2 lineages. <i>Nature Immunology</i> , 2005 , 6, 1123-32	19.1	3636
26	Experimental models of inflammatory bowel disease reveal innate, adaptive, and regulatory mechanisms of host dialogue with the microbiota. <i>Immunological Reviews</i> , 2005 , 206, 260-76	11.3	404
25	Disease Induction and Prevention in Experimental Models of Inflammatory Bowel Disease 2005 , 1237-1254		

24	Generation of antigen-specific, Foxp3-expressing CD4+ regulatory T cells by inhibition of APC proteasome function. <i>Journal of Immunology</i> , 2005 , 174, 2787-95	5.3	40
23	Regulatory T cell suppression and anergy are differentially regulated by proinflammatory cytokines produced by TLR-activated dendritic cells. <i>Journal of Immunology</i> , 2004 , 173, 7249-58	5.3	177
22	Development of dermatitis in CD18-deficient PL/J mice is not dependent on bacterial flora, and requires both CD4+ and CD8+ T lymphocytes. <i>International Immunology</i> , 2004 , 16, 345-51	4.9	7
21	New developments in experimental models of inflammatory bowel disease. <i>Current Opinion in Gastroenterology</i> , 2004 , 20, 360-7	3	16
20	Restricted clonal expression of IL-2 by naive T cells reflects differential dynamic interactions with dendritic cells. <i>Journal of Experimental Medicine</i> , 2003 , 198, 123-32	16.6	45
19	Preferential accumulation of antigen-specific effector CD4 T cells at an antigen injection site involves CD62E-dependent migration but not local proliferation. <i>Journal of Experimental Medicine</i> , 2003 , 197, 751-62	16.6	127
18	Delayed lupus onset in (NZB x NZW)F1 mice expressing a human C-reactive protein transgene. <i>Arthritis and Rheumatism</i> , 2003 , 48, 1602-11		78
17	Immunology. T-bet or not T-bet. <i>Science</i> , 2003 , 302, 993-4	33.3	29
16	IFN-gamma-inducible chemokines enhance adaptive immunity and colitis. <i>Journal of Interferon and Cytokine Research</i> , 2003 , 23, 591-600	3.5	51
15	Experimental mouse models of inflammatory bowel disease: new insights into pathogenic mechanisms 2003 , 67-99		
14	Gene delivery into primary T cells: overview and characterization of a transgenic model for efficient adenoviral transduction. <i>Immunologic Research</i> , 2002 , 26, 131-41	4.3	10
13	Bacterial-reactive T regulatory cells inhibit pathogenic immune responses to the enteric flora. <i>Journal of Immunology</i> , 2002 , 169, 6112-9	5.3	177
12	T helper 1 and T helper 2 cells are pathogenic in an antigen-specific model of colitis. <i>Journal of Experimental Medicine</i> , 2002 , 195, 71-84	16.6	125
11	Efficient adenovirus-mediated gene transfer into primary T cells and thymocytes in a new coxsackie/adenovirus receptor transgenic model. <i>BMC Immunology</i> , 2002 , 3, 4	3.7	20
10	Unexpected characteristics of the IFN-gamma reporters in nontransformed T cells. <i>Journal of Immunology</i> , 2001 , 167, 855-65	5.3	37
9	Immuno-bacterial homeostasis in the gut: new insights into an old enigma. <i>Seminars in Immunology</i> , 2001 , 13, 187-94	10.7	39
8	Colitis induced by enteric bacterial antigen-specific CD4+ T cells requires CD40-CD40 ligand interactions for a sustained increase in mucosal IL-12. <i>Journal of Immunology</i> , 2000 , 165, 2173-82	5.3	78
7	Interleukin-2 expression by a subpopulation of primary T cells is linked to enhanced memory/effector function. <i>Immunity</i> , 1999 , 11, 271-80	32.3	89

6	Heterogeneity in the clonal T cell response. Implications for models of T cell activation and cytokine phenotype development. <i>Immunologic Research</i> , 1998 , 17, 279-302	4.3	18
5	Regional differences in L-selectin expression in murine intestinal lymphocytes. <i>Gastroenterology</i> , 1998 , 114, 965-74	13.3	15
4	Single-cell analyses of CD4+ T cells from alpha beta T cell receptor-transgenic mice: a distinct mucosal cytokine phenotype in the absence of transgene-specific antigen. <i>European Journal of Immunology</i> , 1997 , 27, 1774-81	6.1	23
3	Oral-antigen delivery by way of a multiple emulsion system enhances oral tolerance. <i>Annals of the New York Academy of Sciences</i> , 1996 , 778, 156-62	6.5	21
2	In situ hybridization for cytokine mRNA with digoxigenin-labeled riboprobes. Sensitivity of detection and double label applications. <i>Journal of Immunological Methods</i> , 1995 , 182, 93-106	2.5	26
1	T cells of staphylococcal enterotoxin B-tolerized autoimmune MRL-lpr/lpr mice require co-stimulation through the B7-CD28/CTLA-4 pathway for activation and can be reenergized in vivo by stimulation of the T cell receptor in the absence of this co-stimulatory signal. <i>European Journal of Immunology</i> , 1994 , 24, 1819-25	6.1	12