

Daniel J Cua

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90
papers

33,967
citations

56
h-index

93
g-index

93
ext. papers

37,728
ext. citations

18.6
avg, IF

6.96
L-index

#	Paper	IF	Citations
90	The orphan nuclear receptor ROR γ directs the differentiation program of proinflammatory IL-17+ T helper cells. <i>Cell</i> , 2006 , 126, 1121-33	56.2	3828
89	IL-23 drives a pathogenic T cell population that induces autoimmune inflammation. <i>Journal of Experimental Medicine</i> , 2005 , 201, 233-40	16.6	3127
88	Interleukin-23 rather than interleukin-12 is the critical cytokine for autoimmune inflammation of the brain. <i>Nature</i> , 2003 , 421, 744-8	50.4	2317
87	Development, cytokine profile and function of human interleukin 17-producing helper T cells. <i>Nature Immunology</i> , 2007 , 8, 950-7	19.1	1601
86	Divergent pro- and antiinflammatory roles for IL-23 and IL-12 in joint autoimmune inflammation. <i>Journal of Experimental Medicine</i> , 2003 , 198, 1951-7	16.6	1354
85	TGF-beta and IL-6 drive the production of IL-17 and IL-10 by T cells and restrain T(H)-17 cell-mediated pathology. <i>Nature Immunology</i> , 2007 , 8, 1390-7	19.1	1180
84	IL-23 is essential for T cell-mediated colitis and promotes inflammation via IL-17 and IL-6. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1310-6	15.9	1171
83	Th17 functions as an osteoclastogenic helper T cell subset that links T cell activation and bone destruction. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2673-82	16.6	1128
82	Innate IL-17-producing cells: the sentinels of the immune system. <i>Nature Reviews Immunology</i> , 2010 , 10, 479-89	36.5	1125
81	Generation of pathogenic T(H)17 cells in the absence of TGF- β signalling. <i>Nature</i> , 2010 , 467, 967-71	50.4	1021
80	In vitro generation of interleukin 10-producing regulatory CD4(+) T cells is induced by immunosuppressive drugs and inhibited by T helper type 1 (Th1)- and Th2-inducing cytokines. <i>Journal of Experimental Medicine</i> , 2002 , 195, 603-16	16.6	960
79	The IL-23-IL-17 immune axis: from mechanisms to therapeutic testing. <i>Nature Reviews Immunology</i> , 2014 , 14, 585-600	36.5	951
78	Fate mapping of IL-17-producing T cells in inflammatory responses. <i>Nature Immunology</i> , 2011 , 12, 255-63	19.1	831
77	The interleukin 23 receptor is essential for the terminal differentiation of interleukin 17-producing effector T helper cells in vivo. <i>Nature Immunology</i> , 2009 , 10, 314-24	19.1	773
76	IL-23 induces spondyloarthritis by acting on ROR γ + CD3+CD4-CD8- enthesal resident T cells. <i>Nature Medicine</i> , 2012 , 18, 1069-76	50.5	750
75	Interleukin-23 drives innate and T cell-mediated intestinal inflammation. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2473-83	16.6	670
74	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

73	Discovery and biology of IL-23 and IL-27: related but functionally distinct regulators of inflammation. <i>Annual Review of Immunology</i> , 2007 , 25, 221-42	34.7	627
72	Pivotal role of cerebral interleukin-17-producing gammadeltaT cells in the delayed phase of ischemic brain injury. <i>Nature Medicine</i> , 2009 , 15, 946-50	50.5	618
71	IL-12 and IL-23: master regulators of innate and adaptive immunity. <i>Immunological Reviews</i> , 2004 , 202, 96-105	11.3	591
70	Understanding the IL-23-IL-17 immune pathway. <i>Trends in Immunology</i> , 2006 , 27, 17-23	14.4	590
69	Th17 cell differentiation: the long and winding road. <i>Immunity</i> , 2008 , 28, 445-53	32.3	535
68	Differential activity of IL-12 and IL-23 in mucosal and systemic innate immune pathology. <i>Immunity</i> , 2006 , 25, 309-18	32.3	533
67	IL-12 and IL-23 cytokines: from discovery to targeted therapies for immune-mediated inflammatory diseases. <i>Nature Medicine</i> , 2015 , 21, 719-29	50.5	488
66	IL-23 plays a key role in Helicobacter hepaticus-induced T cell-dependent colitis. <i>Journal of Experimental Medicine</i> , 2006 , 203, 2485-94	16.6	485
65	Anti-IL-23 therapy inhibits multiple inflammatory pathways and ameliorates autoimmune encephalomyelitis. <i>Journal of Clinical Investigation</i> , 2006 , 116, 1317-26	15.9	449
64	Interleukin-23-Independent IL-17 Production Regulates Intestinal Epithelial Permeability. <i>Immunity</i> , 2015 , 43, 727-38	32.3	405
63	The IL-17 Family of Cytokines in Health and Disease. <i>Immunity</i> , 2019 , 50, 892-906	32.3	368
62	Prostaglandin E2 regulates Th17 cell differentiation and function through cyclic AMP and EP2/EP4 receptor signaling. <i>Journal of Experimental Medicine</i> , 2009 , 206, 535-48	16.6	357
61	IL-25 regulates Th17 function in autoimmune inflammation. <i>Journal of Experimental Medicine</i> , 2007 , 204, 161-70	16.6	320
60	Interleukin 25 regulates type 2 cytokine-dependent immunity and limits chronic inflammation in the gastrointestinal tract. <i>Journal of Experimental Medicine</i> , 2006 , 203, 843-9	16.6	290
59	IL-27 blocks RORc expression to inhibit lineage commitment of Th17 cells. <i>Journal of Immunology</i> , 2009 , 182, 5748-56	5.3	265
58	IL-17 regulates adipogenesis, glucose homeostasis, and obesity. <i>Journal of Immunology</i> , 2010 , 185, 6947-59	5.9	257
57	Commensal-dependent expression of IL-25 regulates the IL-23-IL-17 axis in the intestine. <i>Journal of Experimental Medicine</i> , 2008 , 205, 2191-8	16.6	230
56	Transgenic interleukin 10 prevents induction of experimental autoimmune encephalomyelitis. <i>Journal of Experimental Medicine</i> , 1999 , 189, 1005-10	16.6	180

55	MAIT cells are imprinted by the microbiota in early life and promote tissue repair. <i>Science</i> , 2019 , 366,	33.3	162
54	Th17 cell development: from the cradle to the grave. <i>Immunological Reviews</i> , 2013 , 252, 78-88	11.3	156
53	The receptor SIGIRR suppresses Th17 cell proliferation via inhibition of the interleukin-1 receptor pathway and mTOR kinase activation. <i>Immunity</i> , 2010 , 32, 54-66	32.3	156
52	The role of interleukin-10 in autoimmune disease: systemic lupus erythematosus (SLE) and multiple sclerosis (MS). <i>Cytokine and Growth Factor Reviews</i> , 2002 , 13, 403-12	17.9	154
51	Central nervous system expression of IL-10 inhibits autoimmune encephalomyelitis. <i>Journal of Immunology</i> , 2001 , 166, 602-8	5.3	148
50	Involvement of Th17 cells and the effect of anti-IL-6 therapy in autoimmune uveitis. <i>Rheumatology</i> , 2009 , 48, 347-54	3.9	143
49	A role for IL-27p28 as an antagonist of gp130-mediated signaling. <i>Nature Immunology</i> , 2010 , 11, 1119-26	19.1	139
48	IL-23 provides a limited mechanism of resistance to acute toxoplasmosis in the absence of IL-12. <i>Journal of Immunology</i> , 2004 , 173, 1887-93	5.3	135
47	The link between IL-23 and Th17 cell-mediated immune pathologies. <i>Seminars in Immunology</i> , 2007 , 19, 372-6	10.7	122
46	Foxp3(+) regulatory T cells promote T helper 17 cell development in vivo through regulation of interleukin-2. <i>Immunity</i> , 2011 , 34, 409-21	32.3	117
45	Interleukin-23-Induced Transcription Factor Blimp-1 Promotes Pathogenicity of T Helper 17 Cells. <i>Immunity</i> , 2016 , 44, 131-142	32.3	98
44	IL-23 is required for the development of severe egg-induced immunopathology in schistosomiasis and for lesional expression of IL-17. <i>Journal of Immunology</i> , 2008 , 180, 2486-95	5.3	86
43	Epithelial cell-derived IL-25, but not Th17 cell-derived IL-17 or IL-17F, is crucial for murine asthma. <i>Journal of Immunology</i> , 2012 , 189, 3641-52	5.3	85
42	Dual Roles for Regulatory T-cell Depletion and Costimulatory Signaling in Agonistic GITR Targeting for Tumor Immunotherapy. <i>Cancer Research</i> , 2017 , 77, 1108-1118	10.1	73
41	Kinetics of cytokine mRNA expression in the central nervous system following lethal and nonlethal coronavirus-induced acute encephalomyelitis. <i>Virology</i> , 1997 , 233, 260-70	3.6	73
40	Cytokines that regulate autoimmunity. <i>Current Opinion in Immunology</i> , 2008 , 20, 663-8	7.8	72
39	LAG3 Regulatory T Cells Restrain Interleukin-23-Producing CX3CR1 Gut-Resident Macrophages during Group 3 Innate Lymphoid Cell-Driven Colitis. <i>Immunity</i> , 2018 , 49, 342-352.e5	32.3	69
38	Myeloid DAP12-associating lectin (MDL)-1 regulates synovial inflammation and bone erosion associated with autoimmune arthritis. <i>Journal of Experimental Medicine</i> , 2010 , 207, 579-89	16.6	63

37	Autoimmune memory T helper 17 cell function and expansion are dependent on interleukin-23. <i>Cell Reports</i> , 2013 , 3, 1378-88	10.6	58
36	Macrophages regulate induction of delayed-type hypersensitivity and experimental allergic encephalomyelitis in SJL mice. <i>European Journal of Immunology</i> , 1995 , 25, 2318-24	6.1	57
35	IL-23-mediated mononuclear phagocyte crosstalk protects mice from <i>Citrobacter rodentium</i> -induced colon immunopathology. <i>Nature Communications</i> , 2015 , 6, 6525	17.4	52
34	Rationale and safety of anti-interleukin-23 and anti-interleukin-17A therapy. <i>Current Opinion in Infectious Diseases</i> , 2006 , 19, 245-52	5.4	46
33	Activation of MDL-1 (CLEC5A) on immature myeloid cells triggers lethal shock in mice. <i>Journal of Clinical Investigation</i> , 2011 , 121, 4446-61	15.9	44
32	The critical role of interleukin-23 in spondyloarthritis. <i>Molecular Immunology</i> , 2014 , 57, 38-43	4.3	42
31	Interleukin-12 (IL-12), but not IL-23, deficiency ameliorates viral encephalitis without affecting viral control. <i>Journal of Virology</i> , 2009 , 83, 5978-86	6.6	39
30	Inhibition of ROR γ Skews TCR β Gene Rearrangement and Limits T Cell Repertoire Diversity. <i>Cell Reports</i> , 2016 , 17, 3206-3218	10.6	39
29	Autoimmunity's collateral damage: Gut microbiota strikes back. <i>Nature Medicine</i> , 2011 , 17, 1055-6	50.5	37
28	Regulation of the development of acute hepatitis by IL-23 through IL-22 and IL-17 production. <i>European Journal of Immunology</i> , 2011 , 41, 2828-39	6.1	34
27	Reconciling id, ego, and superego within interleukin-23. <i>Immunological Reviews</i> , 2008 , 226, 103-11	11.3	32
26	Essential roles of IL-12 and dendritic cells but not IL-23 and macrophages in lupus-like diseases initiated by cell surface HSP gp96. <i>European Journal of Immunology</i> , 2007 , 37, 706-15	6.1	28
25	NK cells regulate CD4 responses prior to antigen encounter. <i>Journal of Immunology</i> , 2003 , 171, 234-9	5.3	28
24	GITR Agonism Enhances Cellular Metabolism to Support CD8 T-cell Proliferation and Effector Cytokine Production in a Mouse Tumor Model. <i>Cancer Immunology Research</i> , 2018 , 6, 1199-1211	12.5	28
23	T cells doing it for themselves: TGF-beta regulation of Th1 and Th17 cells. <i>Immunity</i> , 2007 , 26, 547-9	32.3	27
22	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
21	IL-17A-producing CD30(+) V β T cells drive inflammation-induced cancer progression. <i>Cancer Science</i> , 2016 , 107, 1206-14	6.9	22
20	The emerging landscape of ROR γ biology. <i>Immunity</i> , 2014 , 40, 451-2	32.3	21

19	IFN- γ protects from lethal IL-17 mediated viral encephalomyelitis independent of neutrophils. <i>Journal of Neuroinflammation</i> , 2012 , 9, 104	10.1	20
18	IL-23 Is Essential for the Development of Elastase-Induced Pulmonary Inflammation and Emphysema. <i>American Journal of Respiratory Cell and Molecular Biology</i> , 2016 , 55, 697-707	5.7	19
17	The myeloid receptor PILR α mediates the balance of inflammatory responses through regulation of IL-27 production. <i>PLoS ONE</i> , 2012 , 7, e31680	3.7	15
16	SnapShot: cytokines II. <i>Cell</i> , 2008 , 132, 500	56.2	15
15	Cutting Edge: CLEC5A Mediates Macrophage Function and Chronic Obstructive Pulmonary Disease Pathologies. <i>Journal of Immunology</i> , 2016 , 196, 3227-31	5.3	13
14	Melatonin Lulling Th17 Cells to Sleep. <i>Cell</i> , 2015 , 162, 1212-4	56.2	12
13	Spondyloarthropathy: interleukin 23 and disease modification. <i>Lancet, The</i> , 2015 , 385, 2017-8	4.0	12
12	IL-23 promotes TCR-mediated negative selection of thymocytes through the upregulation of IL-23 receptor and ROR γ . <i>Nature Communications</i> , 2014 , 5, 4259	17.4	12
11	Experimental Lung Metastases in Mice Are More Effectively Inhibited by Blockade of IL23R than IL23. <i>Cancer Immunology Research</i> , 2018 , 6, 978-987	12.5	9
10	Interleukin-23: a promising therapeutic target in seronegative spondyloarthropathy. <i>Current Opinion in Pharmacology</i> , 2013 , 13, 445-8	5.1	7
9	IL-26 AMPs up the T(H)17 arsenal. <i>Nature Immunology</i> , 2015 , 16, 897-8	19.1	6
8	IL-23 promotes the development of castration-resistant prostate cancer. <i>Immunology and Cell Biology</i> , 2018 , 96, 883-885	5	4
7	Induction and Analysis of Anti-CD40-induced Colitis in Mice. <i>Bio-protocol</i> , 2019 , 9, e3153	0.9	3
6	IL-23 p19 knockout mice exhibit minimal defects in responses to primary and secondary infection with <i>Francisella tularensis</i> LVS. <i>PLoS ONE</i> , 2014 , 9, e109898	3.7	2
5	Role of IL-23 in mobilization of immunoregulatory nitric oxide- or superoxide-producing Gr-1+ cells from bone marrow. <i>Free Radical Biology and Medicine</i> , 2009 , 47, 357-63	7.8	2
4	Interleukin-23 in perspective. <i>Rheumatology</i> , 2021 , 60, iv1-iv3	3.9	2
3	Prostaglandin E2 regulates Th17 cell differentiation and function through cyclic AMP and EP2/EP4 receptor signaling. <i>Journal of Cell Biology</i> , 2009 , 184, i16-i16	7.3	1
2	IL-23 in Health and Disease 2014 , 179-198		1

- 1 Th17 functions as an osteoclastogenic helper T cell subset that links T cell activation and bone destruction. *Journal of Cell Biology*, **2006**, 175, i8-i8

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