David M Sansom

List of Publications by Year
in descending order

62 papers	9,206 citations	87723 38 h-index	114278 63 g-index
68 all docs	68 docs citations	68 times ranked	12202 citing authors

#	Article	IF	Citations
1	Trans-Endocytosis of CD80 and CD86: A Molecular Basis for the Cell-Extrinsic Function of CTLA-4. Science, 2011, 332, 600-603.	6.0	1,386
2	Autosomal dominant immune dysregulation syndrome in humans with CTLA4 mutations. Nature Medicine, 2014, 20, 1410-1416.	15.2	723
3	CTLA-4: a moving target in immunotherapy. Blood, 2018, 131, 58-67.	0.6	704
4	1,25-Dihydroxyvitamin D3 and IL-2 Combine to Inhibit T Cell Production of Inflammatory Cytokines and Promote Development of Regulatory T Cells Expressing CTLA-4 and FoxP3. Journal of Immunology, 2009, 183, 5458-5467.	0.4	666
5	The emerging role of CTLA4 as a cell-extrinsic regulator of T cell responses. Nature Reviews Immunology, 2011, 11, 852-863.	10.6	609
6	Phenotype, penetrance, and treatment of 133 cytotoxic T-lymphocyte antigen 4â€"insufficient subjects. Journal of Allergy and Clinical Immunology, 2018, 142, 1932-1946.	1.5	344
7	Confusing signals: Recent progress in CTLA-4 biology. Trends in Immunology, 2015, 36, 63-70.	2.9	313
8	CD28, CTLA-4 and their ligands: who does what and to whom?. Immunology, 2000, 101, 169-177.	2.0	287
9	Vitamin D deficiency contributes directly to the acute respiratory distress syndrome (ARDS). Thorax, 2015, 70, 617-624.	2.7	258
10	The role of CD28 and cytotoxic Tâ€lymphocyte antigenâ€4 (CTLA-4) in regulatory Tâ€cell biology. Immunological Reviews, 2006, 212, 131-148.	2.8	257
11	CTLA4 gene polymorphism and autoimmunity. Immunological Reviews, 2005, 204, 102-115.	2.8	252
12	CD86 and CD80 Differentially Modulate the Suppressive Function of Human Regulatory T Cells. Journal of Immunology, 2004, 172, 2778-2784.	0.4	243
13	What's the difference between CD80 and CD86?. Trends in Immunology, 2003, 24, 313-318.	2.9	225
14	Availability of 25-Hydroxyvitamin D3 to APCs Controls the Balance between Regulatory and Inflammatory T Cell Responses. Journal of Immunology, 2012, 189, 5155-5164.	0.4	172
15	CTLA-4 controls follicular helper T-cell differentiation by regulating the strength of CD28 engagement. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 524-529.	3.3	167
16	Whole-genome sequencing of a sporadic primary immunodeficiency cohort. Nature, 2020, 583, 90-95.	13.7	148
17	CTLA-4 Controls Regulatory T Cell Peripheral Homeostasis and Is Required for Suppression of Pancreatic Islet Autoimmunity. Journal of Immunology, 2009, 182, 274-282.	0.4	144
18	Follicular helper T cell signature in type 1 diabetes. Journal of Clinical Investigation, 2015, 125, 292-303.	3.9	143

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19	Constitutive Clathrin-mediated Endocytosis of CTLA-4 Persists during T Cell Activation. Journal of Biological Chemistry, 2012, 287, 9429-9440.	1.6	131
20	Immune deficiency and autoimmunity in patients with CTLA-4 (CD152) mutations. Clinical and Experimental Immunology, 2017, 190, 1-7.	1.1	123
21	Ligation of CD28 receptor by B7 induces formation of D-3 phosphoinositides in T lymphocytes independently of T cell receptor/CD3 activation. European Journal of Immunology, 1993, 23, 2572-2577.	1.6	119
22	B7/BB1, the ligand for CD28, is expressed on repeatedly activated human T cellsin vitro. European Journal of Immunology, 1993, 23, 295-298.	1.6	110
23	Thymus transplantation for complete DiGeorge syndrome: European experience. Journal of Allergy and Clinical Immunology, 2017, 140, 1660-1670.e16.	1.5	108
24	Identifying functional defects in patients with immune dysregulation due to LRBA and CTLA-4 mutations. Blood, 2017, 129, 1458-1468.	0.6	102
25	CTLA-4â€“mediated transendocytosis of costimulatory molecules primarily targets migratory dendritic cells. Science Immunology, 2019, 4, .	5.6	100
26	A Transendocytosis Model of CTLA-4 Function Predicts Its Suppressive Behavior on Regulatory T Cells. Journal of Immunology, 2015, 194, 2148-2159.	0.4	97
27	Understanding the CD28/CTLA-4 (CD152) Pathway and Its Implications for Costimulatory Blockade. American Journal of Transplantation, 2014, 14, 1985-1991.	2.6	94
28	Hematopoietic stem cell transplantation for CTLA4 deficiency. Journal of Allergy and Clinical Immunology, 2016, 138, 615-619.e1.	1.5	88
29	Cutting Edge: Cell-Extrinsic Immune Regulation by CTLA-4 Expressed on Conventional T Cells. Journal of Immunology, 2012, 189, 1118-1122.	0.4	84
30	Loss of CD28 Expression by Liver-Infiltrating T Cells Contributes to Pathogenesis of Primary Sclerosing Cholangitis. Gastroenterology, 2014, 147, 221-232.e7.	0.6	81
31	Exocytosis of CTLA-4 Is Dependent on Phospholipase D and ADP Ribosylation Factor-1 and Stimulated during Activation of Regulatory T Cells. Journal of Immunology, 2005, 174, 4803-4811.	0.4	80
32	Acquisition of Suppressive Function by Activated Human CD4+CD25â˜ T Cells Is Associated with the Expression of CTLA-4 Not FoxP3. Journal of Immunology, 2008, 181, 1683-1691.	0.4	78
33	EMOTIONAL AND BEHAVIOURAL ASPECTS OF RETT SYNDROME. Developmental Medicine and Child Neurology, 1993, 35, 340-345.	1.1	74
34	Characterization of CTLA4 Trafficking and Implications for Its Function. Biophysical Journal, 2018, 115, 1330-1343.	0.2	63
35	Integration of CD28 and CTLA-4 function results in differential responses of Tâ€„cells to CD80 and CD86. European Journal of Immunology, 2006, 36, 1413-1422.	1.6	62
36	Human DEF6 deficiency underlies an immunodeficiency syndrome with systemic autoimmunity and aberrant CTLA-4 homeostasis. Nature Communications, 2019, 10, 3106.	5.8	48

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37	Vitamin D Antagonises the Suppressive Effect of Inflammatory Cytokines on CTLA-4 Expression and Regulatory Function. PLoS ONE, 2015, 10, e0131539.	1.1	43
38	CD86 Is a Selective CD28 Ligand Supporting FoxP3+ Regulatory T Cell Homeostasis in the Presence of High Levels of CTLA-4. Frontiers in Immunology, 2020, 11, 600000.	2.2	43
39	Induction of activator protein (AP)-1 and nuclear factor-kappaB by CD28 stimulation involves both phosphatidylinositol 3-kinase and acidic sphingomyelinase signals. Journal of Immunology, 1996, 157, 3290-7.	0.4	42
40	A Transendocytosis Perspective on the CD28/CTLA-4 Pathway. Advances in Immunology, 2014, 124, 95-136.	1.1	34
41	Study of an extended family with CTLA-4 deficiency suggests a CD28/CTLA-4 independent mechanism responsible for differences in disease manifestations and severity. Clinical Immunology, 2018, 188, 94-102.	1.4	30
42	Moving CTLA-4 from the trash to recycling. Science, 2015, 349, 377-378.	6.0	29
43	B7/CD28 but not LFA-3/CD2 interactions can provide 'third-party' co-stimulation for human T-cell activation. Immunology, 1993, 80, 242-7.	2.0	27
44	IL-2-independent activation and proliferation in human T cells induced by CD28. Journal of Immunology, 1999, 163, 1809-16.	0.4	25
45	Antibody ligation of CD7 leads to association with phosphoinositide 3-kinase and phosphatidylinositol 3,4,5-trisphosphate formation in T lymphocytes. European Journal of Immunology, 1995, 25, 502-507.	1.6	24
46	Vedolizumab as a successful treatment of CTLA-4â€“associated autoimmune enterocolitis. Journal of Allergy and Clinical Immunology, 2017, 139, 1043-1046.e5.	1.5	24
47	Decreased sensitivity to 1,25-dihydroxyvitamin D3 in T cells from the rheumatoid joint. Journal of Autoimmunity, 2018, 88, 50-60.	3.0	23
48	Regulation of CTLAâ€4 recycling by LRBA and Rab11. Immunology, 2021, 164, 106-119.	2.0	20
49	CD80 on Human T Cells Is Associated With FoxP3 Expression and Supports Treg Homeostasis. Frontiers in Immunology, 2020, 11, 577655.	2.2	19
50	1,25(OH)2D3 Promotes the Efficacy of CD28 Costimulation Blockade by Abatacept. Journal of Immunology, 2015, 195, 2657-2665.	0.4	17
51	Genomic profiling of T-cell activation suggests increased sensitivity of memory T cells to CD28 costimulation. Genes and Immunity, 2020, 21, 390-408.	2.2	17
52	A CD80-Biased CTLA4-Ig Fusion Protein with Superior In Vivo Efficacy by Simultaneous Engineering of Affinity, Selectivity, Stability, and FcRn Binding. Journal of Immunology, 2017, 198, 528-537.	0.4	14
53	Comparison of the Intracellular Trafficking Itinerary of CTLA-4 Orthologues. PLoS ONE, 2013, 8, e60903.	1.1	13
54	Measuring CTLA-4-Dependent Suppressive Function in Regulatory T Cells. Methods in Molecular Biology, 2019, 1899, 87-101.	0.4	13

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55	<scp>CD</scp>28 costimulation: <scp>W</scp>alking the immunological tightrope. European Journal of Immunology, 2013, 43, 42-45.	1.6	11
56	A role for RANTES in T lymphocyte proliferation. Biochemical Society Transactions, 1996, 24, 93S-93S.	1.6	10
57	Dimers Arenâ€™t Forever: CD80 Breaks up with PD-L1. Immunity, 2019, 51, 972-974.	6.6	8
58	Regulatory T cells and COPD. Thorax, 2013, 68, 1176-1178.	2.7	7
59	The phosphoinositide 3-kinase inhibitor wortmannin inhibits CD28-mediated T cell co-stimulation. Biochemical Society Transactions, 1995, 23, 282S-282S.	1.6	5
60	Genetic variation at the CD28 locus and its impact on expansion of pro-inflammatory CD28 negative T cells in healthy individuals. Scientific Reports, 2017, 7, 7652.	1.6	4
61	Phorbol esters modulate the coupling of the T cell costimulatory molecule CD28 to phosphatidylinositol 3-kinase. Biochemical Society Transactions, 1997, 25, 305S-305S.	1.6	1
62	I35.â€ƒINCORPORATING GENETICS INTO STUDIES OF THE IMMUNOLOGY OF ARTHRITIS. Rheumatology, 2017, 56,	0.9	0