Deborah J Fowell

List of Publications by Year in Descending Order

56 papers	2,778 citations	26 h-index	52 g-index
73 ext. papers	3,232 ext. citations	10.8 avg, IF	4.86 L-index

#	Paper	IF	Citations
56	IL-17-Dependent Dysregulated Cutaneous Immune Homeostasis in the Absence of the Wiskott-Aldrich Syndrome Protein.. *Frontiers in Immunology*, **2022**, 13, 817427	8.4	0
55	The spatio-temporal control of effector T cell migration. *Nature Reviews Immunology*, **2021**, 21, 582-596	36.5	16
54	CXCL10 peripheral activation niches couple preferred sites of Th1 entry with optimal APC encounter. *Cell Reports*, **2021**, 36, 109523	10.6	1
53	Hyperspectral multiphoton microscopy for visualization of multiple, spectrally overlapped fluorescent labels. *Optica*, **2020**, 7, 1587-1601	8.6	12
52	CD4 T Cell Interstitial Migration Controlled by Fibronectin in the Inflamed Skin. *Frontiers in Immunology*, **2020**, 11, 1501	8.4	14
51	In situ neutrophil efferocytosis shapes T cell immunity to influenza infection. *Nature Immunology*, **2020**, 21, 1046-1057	19.1	15
50	Pivotal role for β2integrins in sustained Tfh support of the germinal center response for long-lived plasma cell generation. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 4462-4470	11.5	5
49	Programming of Distinct Chemokine-Dependent and -Independent Search Strategies for Th1 and Th2 Cells Optimizes Function at Inflamed Sites. *Immunity*, **2019**, 51, 298-309.e6	32.3	19
48	CCL7 Is a Negative Regulator of Cutaneous Inflammation Following Infection. *Frontiers in Immunology*, **2018**, 9, 3063	8.4	17
47	Innate Immune Cells Are Regulated by Axl in Hypertensive Kidney. *American Journal of Pathology*, **2018**, 188, 1794-1806	5.8	4
46	CCR7 fuels and LFA-1 grips. *Nature Immunology*, **2018**, 19, 516-518	19.1	2
45	Regulatory T Cell Numbers in Inflamed Skin Are Controlled by Local Inflammatory Cues That Upregulate CD25 and Facilitate Antigen-Driven Local Proliferation. *Journal of Immunology*, **2016**, 197, 2208-18	5.3	4
44	Role of Axl in T-Lymphocyte Survival in Salt-Dependent Hypertension. *Arteriosclerosis, Thrombosis, and Vascular Biology*, **2016**, 36, 1638-1646	9.4	11
43	The Integrin LFA-1 Controls T Follicular Helper Cell Generation and Maintenance. *Immunity*, **2016**, 45, 831-846	32.3	42
42	Imaging CD4 T Cell Interstitial Migration in the Inflamed Dermis. *Journal of Visualized Experiments*, **2016**, e53585	1.6	6
41	Live Imaging of Influenza Infection of the Trachea Reveals Dynamic Regulation of CD8+ T Cell Motility by Antigen. *PLoS Pathogens*, **2016**, 12, e1005881	7.6	22
40	T Cell Interstitial Migration: Motility Cues from the Inflamed Tissue for Micro- and Macro-Positioning. *Frontiers in Immunology*, **2016**, 7, 428	8.4	25

39	Preterm cord blood CD4+ T cells exhibit increased IL-6 production in chorioamnionitis and decreased CD4+ T cells in bronchopulmonary dysplasia. *Human Immunology*, **2015**, 76, 329-338	2.3	29
38	Platelet factor 4 limits Th17 differentiation and cardiac allograft rejection. *Journal of Clinical Investigation*, **2014**, 124, 543-52	15.9	66
37	Inflammation-induced interstitial migration of effector CD4+ T cells is dependent on integrin V. *Nature Immunology*, **2013**, 14, 949-58	19.1	104
36	Role of Axl in early kidney inflammation and progression of salt-dependent hypertension. *Hypertension*, **2013**, 62, 302-9	8.5	22
35	IL-4 attenuates Th1-associated chemokine expression and Th1 trafficking to inflamed tissues and limits pathogen clearance. *PLoS ONE*, **2013**, 8, e71949	3.7	42
34	Uropod elongation is a common final step in leukocyte extravasation through inflamed vessels. *Journal of Experimental Medicine*, **2012**, 209, 1349-62	16.6	97
33	Leishmania induces survival, proliferation and elevated cellular dNTP levels in human monocytes promoting acceleration of HIV co-infection. *PLoS Pathogens*, **2012**, 8, e1002635	7.6	36
32	Cutting edge: Regulatory T cells selectively attenuate, not terminate, T cell signaling by disrupting NF-B nuclear accumulation in CD4 T cells. *Journal of Immunology*, **2012**, 188, 947-51	5.3	13
31	Itk controls the spatiotemporal organization of T cell activation. *Science Signaling*, **2011**, 4, ra66	8.8	40
30	Regulatory T cells inhibit acute IFN- synthesis without blocking T-helper cell type 1 (Th1) differentiation via a compartmentalized requirement for IL-10. *Proceedings of the National Academy of Sciences of the United States of America*, **2011**, 108, 18336-41	11.5	65
29	Uncoupling of proliferation and cytokines from suppression within the CD4+CD25+Foxp3+ T-cell compartment in the 1st year of human type 1 diabetes. *Diabetes*, **2011**, 60, 2125-33	0.9	21
28	Modeling susceptibility versus resistance in allergic airway disease reveals regulation by Tec kinase Itk. *PLoS ONE*, **2010**, 5, e11348	3.7	19
27	Critical requirement for the Wiskott-Aldrich syndrome protein in Th2 effector function. *Blood*, **2010** , 115, 3498-507	2.2	16
26	CTLA-4 is required by CD4+CD25+ Treg to control CD4+ T-cell lymphopenia-induced proliferation. *European Journal of Immunology*, **2009**, 39, 1544-51	6.1	76
25	Regulation of immunity at tissue sites of inflammation. *Immunologic Research*, **2009**, 45, 239-50	4.3	8
24	Signals for the execution of Th2 effector function. *Cytokine*, **2009**, 46, 1-6	4	9
23	Mechanisms of regulatory T-cell suppression - a diverse arsenal for a moving target. *Immunology*, **2008**, 124, 13-22	7.8	218
22	Regulating Treg cells at sites of inflammation. *Immunity*, **2008**, 29, 511; author reply 512	32.3	8

21	Pathogen-imposed skewing of mouse chemokine and cytokine expression at the infected tissue site. *Journal of Clinical Investigation*, **2008**, 118, 801-11	15.9	34
20	Itk regulates T cell signaling through localization of active Cdc42. *FASEB Journal*, **2008**, 22, 1064.18	0.9	
19	A key role for Itk in both IFN gamma and IL-4 production by NKT cells. *Journal of Immunology*, **2007**, 179, 111-9	5.3	52
18	Interaction between GATA-3 and the transcriptional coregulator Pias1 is important for the regulation of Th2 immune responses. *Journal of Immunology*, **2007**, 179, 8297-304	5.3	15
17	Distinct molecular program imposed on CD4+ T cell targets by CD4+CD25+ regulatory T cells. *Journal of Immunology*, **2006**, 177, 6952-61	5.3	27
16	Cutting edge: Itk-dependent signals required for CD4+ T cells to exert, but not gain, Th2 effector function. *Journal of Immunology*, **2006**, 176, 3895-9	5.3	57
15	T regulatory and primed uncommitted CD4 T cells express CD73, which suppresses effector CD4 T cells by converting 5Ŧadenosine monophosphate to adenosine. *Journal of Immunology*, **2006**, 177, 6780-6	5.3	332
14	Early kinetic window of target T cell susceptibility to CD25+ regulatory T cell activity. *Journal of Immunology*, **2005**, 175, 7274-80	5.3	55
13	Cutting edge: selective requirement for the Wiskott-Aldrich syndrome protein in cytokine, but not chemokine, secretion by CD4+ T cells. *Journal of Immunology*, **2004**, 173, 726-30	5.3	53
12	Requirements for the maintenance of Th1 immunity in vivo following DNA vaccination: a potential immunoregulatory role for CD8+ T cells. *Journal of Immunology*, **2000**, 165, 915-24	5.3	125
11	Altered ligands reveal limited plasticity in the T cell response to a pathogenic epitope. *Journal of Experimental Medicine*, **1999**, 189, 1111-20	16.6	34
10	Leishmania major infection of inbred mice: unmasking genetic determinants of infectious diseases. *BioEssays*, **1999**, 21, 510-8	4.1	26
9	Impaired NFATc translocation and failure of Th2 development in Itk-deficient CD4+ T cells. *Immunity*, **1999**, 11, 399-409	32.3	279
8	Interferon gamma derived from CD4(+) T cells is sufficient to mediate T helper cell type 1 development. *Journal of Experimental Medicine*, **1998**, 188, 1651-6	16.6	75
7	Altered immune responses in interleukin 10 transgenic mice. *Journal of Experimental Medicine*, **1997**, 185, 2101-10	16.6	239
6	Impaired Th2 subset development in the absence of CD4. *Immunity*, **1997**, 6, 559-69	32.3	102
5	The role of the thymus in the control of autoimmunity. *Journal of Autoimmunity*, **1996**, 9, 241-6	15.5	11
4	The physiological role of regulatory T cells in the prevention of autoimmunity: the function of the thymus in the generation of the regulatory T cell subset. *Immunological Reviews*, **1996**, 149, 195-216	11.3	107

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3	Antigenic determinants encoded by alternatively spliced exons of CD45 are determined by the polypeptide but influenced by glycosylation. *International Immunology*, **1994**, 6, 1875-81	4.9	14
2	T-cell subsets in autoimmunity. *Current Opinion in Immunology*, **1992**, 4, 728-32	7.8	35
1	The Th1/Th2 Paradigm in Infections161-174		2