

Deborah J Fowell

List of Publications by Year in descending order

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57
papers

3,488
citations

159585

30
h-index

161849

54
g-index

73
all docs

73
docs citations

73
times ranked

5052
citing authors

#	ARTICLE	IF	CITATIONS
1	T Regulatory and Primed Uncommitted CD4 T Cells Express CD73, Which Suppresses Effector CD4 T Cells by Converting 5â€²-Adenosine Monophosphate to Adenosine. <i>Journal of Immunology</i> , 2006, 177, 6780-6786.	0.8	383
2	Impaired NFATc Translocation and Failure of Th2 Development in Itk-Deficient CD4+ T Cells. <i>Immunity</i> , 1999, 11, 399-409.	14.3	294
3	Mechanisms of regulatory Tâ€²cell suppression â€” a diverse arsenal for a moving target. <i>Immunology</i> , 2008, 124, 13-22.	4.4	281
4	Altered Immune Responses in Interleukin 10 Transgenic Mice. <i>Journal of Experimental Medicine</i> , 1997, 185, 2101-2110.	8.5	261
5	Inflammation-induced interstitial migration of effector CD4+ T cells is dependent on integrin Î±V. <i>Nature Immunology</i> , 2013, 14, 949-958.	14.5	162
6	Requirements for the Maintenance of Th1 Immunity In Vivo Following DNA Vaccination: A Potential Immunoregulatory Role for CD8+ T Cells. <i>Journal of Immunology</i> , 2000, 165, 915-924.	0.8	132
7	Impaired Th2 Subset Development in the Absence of CD4. <i>Immunity</i> , 1997, 6, 559-569.	14.3	124
8	Uropod elongation is a common final step in leukocyte extravasation through inflamed vessels. <i>Journal of Experimental Medicine</i> , 2012, 209, 1349-1362.	8.5	115
9	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. <i>Immunological Reviews</i> , 1996, 149, 195-216.	6.0	111
10	Regulatory T cells inhibit acute IFN-Î³ synthesis without blocking T-helper cell type 1 (Th1) differentiation via a compartmentalized requirement for IL-10. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2011, 108, 18336-18341.	7.1	88
11	CTLAâ€²4 is required by CD4⁺CD25⁺ Treg to control CD4⁺ Tâ€²cell lymphopeniaâ€”induced proliferation. <i>European Journal of Immunology</i> , 2009, 39, 1544-1551.	2.9	86
12	Platelet factor 4 limits Th17 differentiation and cardiac allograft rejection. <i>Journal of Clinical Investigation</i> , 2014, 124, 543-552.	8.2	81
13	Interferon Î³ Derived from CD4+ T Cells Is Sufficient to Mediate T Helper Cell Type 1 Development. <i>Journal of Experimental Medicine</i> , 1998, 188, 1651-1656.	8.5	80
14	IL-4 Attenuates Th1-Associated Chemokine Expression and Th1 Trafficking to Inflamed Tissues and Limits Pathogen Clearance. <i>PLoS ONE</i> , 2013, 8, e71949.	2.5	74
15	The spatio-temporal control of effector T cell migration. <i>Nature Reviews Immunology</i> , 2021, 21, 582-596.	22.7	72
16	The Integrin LFA-1 Controls T Follicular Helper Cell Generation and Maintenance. <i>Immunity</i> , 2016, 45, 831-846.	14.3	65
17	Cutting Edge: Itk-Dependent Signals Required for CD4+ T Cells to Exert, but Not Gain, Th2 Effector Function. <i>Journal of Immunology</i> , 2006, 176, 3895-3899.	0.8	59
18	A Key Role for Itk in Both IFNÎ³ and IL-4 Production by NKT Cells. <i>Journal of Immunology</i> , 2007, 179, 111-119.	0.8	59

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19	Cutting Edge: Selective Requirement for the Wiskott-Aldrich Syndrome Protein in Cytokine, but Not Chemokine, Secretion by CD4+ T Cells. <i>Journal of Immunology</i> , 2004, 173, 726-730.	0.8	58
20	Early Kinetic Window of Target T Cell Susceptibility to CD25+ Regulatory T Cell Activity. <i>Journal of Immunology</i> , 2005, 175, 7274-7280.	0.8	58
21	Programming of Distinct Chemokine-Dependent and -Independent Search Strategies for Th1 and Th2 Cells Optimizes Function at Inflamed Sites. <i>Immunity</i> , 2019, 51, 298-309.e6.	14.3	50
22	Itk Controls the Spatiotemporal Organization of T Cell Activation. <i>Science Signaling</i> , 2011, 4, ra66.	3.6	48
23	Leishmania Induces Survival, Proliferation and Elevated Cellular dNTP Levels in Human Monocytes Promoting Acceleration of HIV Co-Infection. <i>PLoS Pathogens</i> , 2012, 8, e1002635.	4.7	46
24	T Cell Interstitial Migration: Motility Cues from the Inflamed Tissue for Micro- and Macro-Positioning. <i>Frontiers in Immunology</i> , 2016, 7, 428.	4.8	46
25	Live Imaging of Influenza Infection of the Trachea Reveals Dynamic Regulation of CD8+ T Cell Motility by Antigen. <i>PLoS Pathogens</i> , 2016, 12, e1005881.	4.7	46
26	T-cell subsets in autoimmunity. <i>Current Opinion in Immunology</i> , 1992, 4, 728-732.	5.5	41
27	Pathogen-imposed skewing of mouse chemokine and cytokine expression at the infected tissue site. <i>Journal of Clinical Investigation</i> , 2008, 118, 801-11.	8.2	40
28	Preterm cord blood CD4+ T cells exhibit increased IL-6 production in chorioamnionitis and decreased CD4+ T cells in bronchopulmonary dysplasia. <i>Human Immunology</i> , 2015, 76, 329-338.	2.4	38
29	In situ neutrophil efferocytosis shapes T cell immunity to influenza infection. <i>Nature Immunology</i> , 2020, 21, 1046-1057.	14.5	36
30	Altered Ligands Reveal Limited Plasticity in the T Cell Response to a Pathogenic Epitope. <i>Journal of Experimental Medicine</i> , 1999, 189, 1111-1120.	8.5	35
31	CD4+ T Cell Interstitial Migration Controlled by Fibronectin in the Inflamed Skin. <i>Frontiers in Immunology</i> , 2020, 11, 1501.	4.8	32
32	Distinct Molecular Program Imposed on CD4+ T Cell Targets by CD4+CD25+ Regulatory T Cells. <i>Journal of Immunology</i> , 2006, 177, 6952-6961.	0.8	31
33	CCL7 Is a Negative Regulator of Cutaneous Inflammation Following <i>Leishmania major</i> Infection. <i>Frontiers in Immunology</i> , 2019, 9, 3063.	4.8	29
34	<i>Leishmania major</i> infection of inbred mice: unmasking genetic determinants of infectious diseases. <i>BioEssays</i> , 1999, 21, 510-518.	2.5	28
35	Modeling Susceptibility versus Resistance in Allergic Airway Disease Reveals Regulation by Tec Kinase Itk. <i>PLoS ONE</i> , 2010, 5, e11348.	2.5	25
36	Uncoupling of Proliferation and Cytokines From Suppression Within the CD4+CD25+Foxp3+ Tâ€œCell Compartment in the 1st Year of Human Type 1 Diabetes. <i>Diabetes</i> , 2011, 60, 2125-2133.	0.6	24

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37	Hyperspectral multiphoton microscopy for in vivo visualization of multiple, spectrally overlapped fluorescent labels. <i>Optica</i> , 2020, 7, 1587.	9.3	24
38	Role of Axl in Early Kidney Inflammation and Progression of Salt-Dependent Hypertension. <i>Hypertension</i> , 2013, 62, 302-309.	2.7	23
39	Imaging CD4 T Cell Interstitial Migration in the Inflamed Dermis. <i>Journal of Visualized Experiments</i> , 2016, , e53585.	0.3	22
40	Critical requirement for the Wiskott-Aldrich syndrome protein in Th2 effector function. <i>Blood</i> , 2010, 115, 3498-3507.	1.4	19
41	Role of Axl in T-Lymphocyte Survival in Salt-Dependent Hypertension. <i>Arteriosclerosis, Thrombosis, and Vascular Biology</i> , 2016, 36, 1638-1646.	2.4	16
42	Interaction between GATA-3 and the Transcriptional Coregulator Pias1 Is Important for the Regulation of Th2 Immune Responses. <i>Journal of Immunology</i> , 2007, 179, 8297-8304.	0.8	15
43	CCR7 fuels and LFA-1 grips. <i>Nature Immunology</i> , 2018, 19, 516-518.	14.5	15
44	Antigenic determinants encoded by alternatively spliced exons of CD45 are determined by the polypeptide but influenced by glycosylation. <i>International Immunology</i> , 1994, 6, 1875-1881.	4.0	14
45	Pivotal role for αV integrins in sustained Tfh support of the germinal center response for long-lived plasma cell generation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 4462-4470.	7.1	14
46	Cutting Edge: Regulatory T Cells Selectively Attenuate, Not Terminate, T Cell Signaling by Disrupting NF- κ B Nuclear Accumulation in CD4 T Cells. <i>Journal of Immunology</i> , 2012, 188, 947-951.	0.8	13
47	The Role of the Thymus in the Control of Autoimmunity. <i>Journal of Autoimmunity</i> , 1996, 9, 241-246.	6.5	12
48	CXCL10+ peripheral activation niches couple preferred sites of Th1 entry with optimal APC encounter. <i>Cell Reports</i> , 2021, 36, 109523.	6.4	12
49	Regulation of immunity at tissue sites of inflammation. <i>Immunologic Research</i> , 2009, 45, 239-250.	2.9	10
50	Signals for the execution of Th2 effector function. <i>Cytokine</i> , 2009, 46, 1-6.	3.2	9
51	Regulating Treg Cells at Sites of Inflammation. <i>Immunity</i> , 2008, 29, 511.	14.3	8
52	Innate Immune Cells Are Regulated by Axl in Hypertensive Kidney. <i>American Journal of Pathology</i> , 2018, 188, 1794-1806.	3.8	6
53	T cell activation niches—Optimizing T cell effector function in inflamed and infected tissues*. <i>Immunological Reviews</i> , 2022, 306, 164-180.	6.0	6
54	Regulatory T Cell Numbers in Inflamed Skin Are Controlled by Local Inflammatory Cues That Upregulate CD25 and Facilitate Antigen-Driven Local Proliferation. <i>Journal of Immunology</i> , 2016, 197, 2208-2218.	0.8	5

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55	The Th1/Th2 Paradigm in Infections. , 0, , 161-174.		5
56	IL-17-Dependent Dysregulated Cutaneous Immune Homeostasis in the Absence of the Wiskottâ€Aldrich Syndrome Protein. <i>Frontiers in Immunology</i> , 2022, 13, 817427.	4.8	1
57	Itk regulates T cell signaling through localization of active Cdc42. <i>FASEB Journal</i> , 2008, 22, 1064.18.	0.5	0