

Elissa Deenick

List of Publications by Year in descending order

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69
papers

7,833
citations

66234

42
h-index

95083

68
g-index

71
all docs

71
docs citations

71
times ranked

11327
citing authors

#	ARTICLE	IF	CITATIONS
1	Immune dysregulation in human subjects with heterozygous germline mutations in <i>CTLA4</i> . <i>Science</i> , 2014, 345, 1623-1627.	6.0	745
2	Dominant-activating germline mutations in the gene encoding the PI(3)K catalytic subunit p110 β result in T cell senescence and human immunodeficiency. <i>Nature Immunology</i> , 2014, 15, 88-97.	7.0	575
3	The origins, function, and regulation of T follicular helper cells. <i>Journal of Experimental Medicine</i> , 2012, 209, 1241-1253.	4.2	478
4	The good, the bad and the ugly – TFH cells in human health and disease. <i>Nature Reviews Immunology</i> , 2013, 13, 412-426.	10.6	475
5	Impairment of immunity to <i>Candida</i> and <i>Mycobacterium</i> in humans with bi-allelic <i>RORC</i> mutations. <i>Science</i> , 2015, 349, 606-613.	6.0	366
6	B cell-intrinsic signaling through IL-21 receptor and STAT3 is required for establishing long-lived antibody responses in humans. <i>Journal of Experimental Medicine</i> , 2010, 207, 155-171.	4.2	346
7	Early commitment of naive human CD4 ⁺ T cells to the T follicular helper (TFH) cell lineage is induced by IL-12. <i>Immunology and Cell Biology</i> , 2009, 87, 590-600.	1.0	310
8	Follicular Helper T Cell Differentiation Requires Continuous Antigen Presentation that Is Independent of Unique B Cell Signaling. <i>Immunity</i> , 2010, 33, 241-253.	6.6	299
9	Functional STAT3 deficiency compromises the generation of human T follicular helper cells. <i>Blood</i> , 2012, 119, 3997-4008.	0.6	267
10	Intrinsic Differences in the Proliferation of Naive and Memory Human B Cells as a Mechanism for Enhanced Secondary Immune Responses. <i>Journal of Immunology</i> , 2003, 170, 686-694.	0.4	258
11	Dock8 mutations cripple B cell immunological synapses, germinal centers and long-lived antibody production. <i>Nature Immunology</i> , 2009, 10, 1283-1291.	7.0	236
12	Monogenic mutations differentially affect the quantity and quality of T follicular helper cells in patients with human primary immunodeficiencies. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 993-1006.e1.	1.5	181
13	T Follicular Helper Cells Have Distinct Modes of Migration and Molecular Signatures in Naive and Memory Immune Responses. <i>Immunity</i> , 2015, 42, 704-718.	6.6	159
14	Naive and memory human B cells have distinct requirements for STAT3 activation to differentiate into antibody-secreting plasma cells. <i>Journal of Experimental Medicine</i> , 2013, 210, 2739-2753.	4.2	158
15	Human T follicular helper (Tfh) cells and disease. <i>Immunology and Cell Biology</i> , 2014, 92, 64-71.	1.0	152
16	Human IFN- γ immunity to mycobacteria is governed by both IL-12 and IL-23. <i>Science Immunology</i> , 2018, 3, .	5.6	152
17	Stochastic Model of T Cell Proliferation: A Calculus Revealing IL-2 Regulation of Precursor Frequencies, Cell Cycle Time, and Survival. <i>Journal of Immunology</i> , 2003, 170, 4963-4972.	0.4	146
18	TCR affinity and negative regulation limit autoimmunity. <i>Nature Medicine</i> , 2004, 10, 1234-1239.	15.2	138

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19	A recessive form of hyper-IgE syndrome by disruption of ZNF341-dependent STAT3 transcription and activity. <i>Science Immunology</i> , 2018, 3, .	5.6	132
20	Quantitative analysis of lymphocyte differentiation and proliferation in vitro using carboxyfluorescein diacetate succinimidyl ester. <i>Immunology and Cell Biology</i> , 1999, 77, 516-522.	1.0	125
21	IL-21 signalling via STAT3 primes human naïve B cells to respond to IL-2 to enhance their differentiation into plasmablasts. <i>Blood</i> , 2013, 122, 3940-3950.	0.6	121
22	Inherited GINS1 deficiency underlies growth retardation along with neutropenia and NK cell deficiency. <i>Journal of Clinical Investigation</i> , 2017, 127, 1991-2006.	3.9	115
23	Switching to IgG3, IgG2b, and IgA is division linked and independent, revealing a stochastic framework for describing differentiation. <i>Journal of Immunology</i> , 1999, 163, 4707-14.	0.4	110
24	Molecular Pathogenesis of EBV Susceptibility in XLP as Revealed by Analysis of Female Carriers with Heterozygous Expression of SAP. <i>PLoS Biology</i> , 2011, 9, e1001187.	2.6	100
25	Disruption of an antimycobacterial circuit between dendritic and helper T cells in human SPPL2a deficiency. <i>Nature Immunology</i> , 2018, 19, 973-985.	7.0	96
26	The regulation and role of T follicular helper cells in immunity. <i>Immunology</i> , 2011, 134, 361-367.	2.0	89
27	PKC δ Signals Activation versus Tolerance In Vivo. <i>Journal of Experimental Medicine</i> , 2004, 199, 743-752.	4.2	82
28	Germline-activating mutations in <i>PIK3CD</i> compromise B cell development and function. <i>Journal of Experimental Medicine</i> , 2018, 215, 2073-2095.	4.2	79
29	Unique and shared signaling pathways cooperate to regulate the differentiation of human CD4 ⁺ T cells into distinct effector subsets. <i>Journal of Experimental Medicine</i> , 2016, 213, 1589-1608.	4.2	77
30	STAT3 is a central regulator of lymphocyte differentiation and function. <i>Current Opinion in Immunology</i> , 2014, 28, 49-57.	2.4	76
31	A divergent transcriptional landscape underpins the development and functional branching of MAIT cells. <i>Science Immunology</i> , 2019, 4, .	5.6	75
32	Regulation of T follicular helper cell formation and function by antigen presenting cells. <i>Current Opinion in Immunology</i> , 2011, 23, 111-118.	2.4	74
33	Generation and Characterization of B7-H4/B7S1/B7x-Deficient Mice. <i>Molecular and Cellular Biology</i> , 2006, 26, 6403-6411.	1.1	72
34	Autoimmunity: IL-21: a new player in Th17 cell differentiation. <i>Immunology and Cell Biology</i> , 2007, 85, 503-505.	1.0	72
35	STAT3 is a critical cell-intrinsic regulator of human unconventional T cell numbers and function. <i>Journal of Experimental Medicine</i> , 2015, 212, 855-864.	4.2	70
36	Decision criteria for resolving isotype switching conflicts by B cells. <i>European Journal of Immunology</i> , 2005, 35, 2949-2955.	1.6	65

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37	Activating PIK3CD mutations impair human cytotoxic lymphocyte differentiation and function and EBV immunity. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 276-291.e6.	1.5	64
38	Signal transducer and activator of transcription 3 (STAT3) mutations underlying autosomal dominant hyper-IgE syndrome impair human CD8+ T-cell memory formation and function. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 400-411.e9.	1.5	63
39	c-Rel but not NF- κ B1 is important for T regulatory cell development. <i>European Journal of Immunology</i> , 2010, 40, 677-681.	1.6	59
40	Potent antitumour activity of interleukin-2-Fc fusion proteins requires Fc-mediated depletion of regulatory T-cells. <i>Nature Communications</i> , 2017, 8, 15373.	5.8	58
41	Signal Transducer and Activator of Transcription 3 Control of Human T and B Cell Responses. <i>Frontiers in Immunology</i> , 2018, 9, 168.	2.2	50
42	CD4+ and CD8+ T Cell Survival Is Regulated Differentially by Protein Kinase C δ , c-Rel, and Protein Kinase B. <i>Journal of Immunology</i> , 2007, 178, 2932-2939.	0.4	49
43	Activating mutations in PIK3CD disrupt the differentiation and function of human and murine CD4+ T cells. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 144, 236-253.	1.5	44
44	Activated PI3K δ breaches multiple B cell tolerance checkpoints and causes autoantibody production. <i>Journal of Experimental Medicine</i> , 2020, 217, .	4.2	33
45	The sound of silence: modulating anergy in T lymphocytes. <i>Current Opinion in Immunology</i> , 2007, 19, 658-664.	2.4	32
46	The role of SAP and SLAM family molecules in the humoral immune response. <i>Annals of the New York Academy of Sciences</i> , 2011, 1217, 32-44.	1.8	31
47	B-cell-specific STAT3 deficiency: Insight into the molecular basis of autosomal-dominant hyper-IgE syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1455-1458.e3.	1.5	28
48	Immune Dysregulation and Disease Pathogenesis due to Activating Mutations in PIK3CD: the Goldilocks™ Effect. <i>Journal of Clinical Immunology</i> , 2019, 39, 148-158.	2.0	26
49	T cell-B cell interactions in primary immunodeficiencies. <i>Annals of the New York Academy of Sciences</i> , 2012, 1250, 1-13.	1.8	25
50	Genomic Spectrum and Phenotypic Heterogeneity of Human IL-21 Receptor Deficiency. <i>Journal of Clinical Immunology</i> , 2021, 41, 1272-1290.	2.0	25
51	Human Th9 cells: inflammatory cytokines modulate IL-9 production through the induction of IL-21. <i>Immunology and Cell Biology</i> , 2010, 88, 621-623.	1.0	24
52	Cytokine-Mediated Regulation of Human Lymphocyte Development and Function: Insights from Primary Immunodeficiencies. <i>Journal of Immunology</i> , 2017, 199, 1949-1958.	0.4	23
53	B cell-intrinsic requirement for STK4 in humoral immunity in mice and human subjects. <i>Journal of Allergy and Clinical Immunology</i> , 2019, 143, 2302-2305.	1.5	21
54	NK Cells Regulate CD8+ T Cell Mediated Autoimmunity. <i>Frontiers in Cellular and Infection Microbiology</i> , 2020, 10, 36.	1.8	20

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55	STAT5B restrains human B-cell differentiation to maintain humoral immune homeostasis. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 150, 931-946.	1.5	19
56	Elucidating the effects of disease-causing mutations on STAT3 function in autosomal-dominant hyper-IgE syndrome. <i>Journal of Allergy and Clinical Immunology</i> , 2016, 138, 1210-1213.e5.	1.5	16
57	Rel phenocopies PKC δ , but not Bcl-2 in regulating CD8 ⁺ T cell activation versus tolerance. <i>European Journal of Immunology</i> , 2010, 40, 867-877.	1.6	9
58	The circulating life of a memory T-follicular helper cell. <i>Clinical and Translational Immunology</i> , 2017, 6, e141.	1.7	9
59	Everolimus-Induced Remission of Classic Kaposi's Sarcoma Secondary to Cryptic Splicing Mediated CTLA4 Haploinsufficiency. <i>Journal of Clinical Immunology</i> , 2020, 40, 774-779.	2.0	5
60	Autoimmunity: IL-21: a new player in Th17 cell differentiation. <i>Immunology and Cell Biology</i> , 2008, 86, 478-478.	1.0	4
61	Molecular and cellular mechanisms underlying defective antibody responses. <i>Immunology and Cell Biology</i> , 2020, 98, 467-479.	1.0	4
62	Phosphatidylinositol 3-kinase signaling and immune regulation: insights into disease pathogenesis and clinical implications. <i>Expert Review of Clinical Immunology</i> , 2021, 17, 905-914.	1.3	4
63	Monitoring T Cell Proliferation. , 2005, , 123-141.		4
64	The role of dysregulated PI3Kdelta signaling in human autoimmunity*. <i>Immunological Reviews</i> , 2022, 307, 134-144.	2.8	4
65	Reversible Suppression of Lymphoproliferation and Thrombocytopenia with Rapamycin in a Patient with Common Variable Immunodeficiency. <i>Journal of Clinical Immunology</i> , 2018, 38, 159-162.	2.0	3
66	Helpful T cells are sticky. <i>Nature</i> , 2008, 455, 745-747.	13.7	2
67	The TORC that Gets the GC Cycling. <i>Immunity</i> , 2017, 46, 974-976.	6.6	1
68	B cells: we need them now more than ever. <i>Immunology and Cell Biology</i> , 2020, 98, 437-438.	1.0	0
69	For whom the B cells toll. <i>Immunology and Cell Biology</i> , 2022, 100, 479-481.	1.0	0