Anthony L Defranco

List of Publications by Year
in descending order

78 papers	7,104 citations	53751 45 h-index	69214 77 g-index
150 all docs	150 docs citations	150 times ranked	8302 citing authors

#	Article	IF	Citations
1	Antigen Complexed with a TLR9 Agonist Bolsters c-Myc and mTORC1 Activity in Germinal Center B Lymphocytes. ImmunoHorizons, 2019, 3, 389-401.	0.8	2
2	B Cellâ€"Intrinsic MyD88 Signaling Promotes Initial Cell Proliferation and Differentiation To Enhance the Germinal Center Response to a Virus-like Particle. Journal of Immunology, 2018, 200, 937-948.	0.4	36
3	Multilayer Control of B Cell Activation by the B Cell Antigen Receptor: Following Themes Initiated With Bill Paul. Frontiers in Immunology, 2018, 9, 739.	2.2	3
4	Innate B cells cleave to the marginal zone. Nature Immunology, 2017, 18, 248-250.	7.0	0
5	Role of MyD88 signaling in the imiquimod-induced mouse model of psoriasis: focus on innate myeloid cells. Journal of Leukocyte Biology, 2017, 102, 791-803.	1.5	23
6	Determinants of Divergent Adaptive Immune Responses after Airway Sensitization with Ligands of Toll-Like Receptor 5 or Toll-Like Receptor 9. PLoS ONE, 2016, 11, e0167693.	1.1	11
7	Germinal centers and autoimmune disease in humans and mice. Immunology and Cell Biology, 2016, 94, 918-924.	1.0	27
8	LYN- and AIRE-mediated tolerance checkpoint defects synergize to trigger organ-specific autoimmunity. Journal of Clinical Investigation, 2016, 126, 3758-3771.	3.9	19
9	MyD88 Shapes Vaccine Immunity by Extrinsically Regulating Survival of CD4+ T Cells during the Contraction Phase. PLoS Pathogens, 2016, 12, e1005787.	2.1	7
10	APOBEC3 enzymes restrict marginal zone B cells. European Journal of Immunology, 2015, 45, 695-704.	1.6	12
11	Requirement for MyD88 Signaling in B Cells and Dendritic Cells for Germinal Center Anti-Nuclear Antibody Production in Lyn-Deficient Mice. Journal of Immunology, 2014, 192, 875-885.	0.4	83
12	Toll-like receptor 9 signaling acts on multiple elements of the germinal center to enhance antibody responses. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E3224-33.	3.3	76
13	B Cellâ€"Specific Loss of Lyn Kinase Leads to Autoimmunity. Journal of Immunology, 2014, 192, 919-928.	0.4	104
14	MyD88-dependent interplay between myeloid and endothelial cells in the initiation and progression of obesity-associated inflammatory diseases. Journal of Experimental Medicine, 2014, 211, 887-907.	4.2	70
15	Parasite-induced TH1 cells and intestinal dysbiosis cooperate in IFN-Î³-dependent elimination of Paneth cells. Nature Immunology, 2013, 14, 136-142.	7.0	170
16	Dendritic Cell Expression of the Signaling Molecule TRAF6 Is Critical for Gut Microbiota-Dependent Immune Tolerance. Immunity, 2013, 38, 1211-1222.	6.6	67
17	Diacylglycerol Kinase Î¶ Limits B Cell Antigen Receptorâ€"Dependent Activation of ERK Signaling to Inhibit Early Antibody Responses. Science Signaling, 2013, 6, ra91.	1.6	27
18	Cutting Edge: ABIN-1 Protects against Psoriasis by Restricting MyD88 Signals in Dendritic Cells. Journal of Immunology, 2013, 191, 535-539.	0.4	49

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19	Hyperactivated MyD88 signaling in dendritic cells, through specific deletion of Lyn kinase, causes severe autoimmunity and inflammation. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, E3311-20.	3.3	78
20	Maximal Adjuvant Activity of Nasally Delivered IL-1Î± Requires Adjuvant-Responsive CD11c+ Cells and Does Not Correlate with Adjuvant-Induced In Vivo Cytokine Production. Journal of Immunology, 2012, 188, 2834-2846.	0.4	23
21	Prolonged Production of Reactive Oxygen Species in Response to B Cell Receptor Stimulation Promotes B Cell Activation and Proliferation. Journal of Immunology, 2012, 189, 4405-4416.	0.4	125
22	B Cell-Intrinsic MyD88 Signaling Prevents the Lethal Dissemination of Commensal Bacteria during Colonic Damage. Immunity, 2012, 36, 228-238.	6.6	100
23	Contribution of Tollâ€like receptor signaling to germinal center antibody responses. Immunological Reviews, 2012, 247, 64-72.	2.8	60
24	Lyn deficiency affects Bâ€cell maturation as well as survival. European Journal of Immunology, 2012, 42, 511-521.	1.6	14
25	Splenic Red Pulp Macrophages Produce Type I Interferons as Early Sentinels of Malaria Infection but Are Dispensable for Control. PLoS ONE, 2012, 7, e48126.	1.1	53
26	Expression of A20 by dendritic cells preserves immune homeostasis and prevents colitis and spondyloarthritis. Nature Immunology, 2011, 12, 1184-1193.	7.0	210
27	B cell-derived IL-10 suppresses inflammatory disease in Lyn-deficient mice. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, E823-32.	3.3	69
28	Antiviral memory CD8 T-cell differentiation, maintenance, and secondary expansion occur independently of MyD88. Blood, 2011, 117, 3123-3130.	0.6	21
29	Elevated BCR signaling and decreased survival of Lynâ€deficient transitional and follicular B cells. European Journal of Immunology, 2011, 41, 3645-3655.	1.6	19
30	Selective Utilization of Toll-like Receptor and MyD88 Signaling in B Cells for Enhancement of the Antiviral Germinal Center Response. Immunity, 2011, 34, 375-384.	6.6	206
31	Critical coordination of innate immune defense against <i>Toxoplasma gondii</i> by dendritic cells responding via their Toll-like receptors. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 278-283.	3.3	100
32	Î³Î´ intraepithelial lymphocytes are essential mediators of hostâ€“microbial homeostasis at the intestinal mucosal surface. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8743-8748.	3.3	262
33	Unaltered negative selection and Treg development of selfâ€reactive thymocytes in TCR transgenic Fynâ€deficient mice. European Journal of Immunology, 2010, 40, 539-547.	1.6	2
34	Myeloid cells, BAFF, and IFN-Î³ establish an inflammatory loop that exacerbates autoimmunity in Lyn-deficient mice. Journal of Experimental Medicine, 2010, 207, 1757-1773.	4.2	93
35	Developmental Acquisition of the Lyn-CD22-SHP-1 Inhibitory Pathway Promotes B Cell Tolerance. Journal of Immunology, 2009, 182, 5382-5392.	0.4	74
36	Toll-like Receptors Activate Innate and Adaptive Immunity by using Dendritic Cell-Intrinsic and -Extrinsic Mechanisms. Immunity, 2008, 29, 272-282.	6.6	329

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37	â€œDangerous Crystalsâ€. Immunity, 2008, 29, 670-671.	6.6	4
38	Normal Development and Activation but Altered Cytokine Production of Fyn-Deficient CD4+ T Cells. Journal of Immunology, 2008, 181, 5374-5385.	0.4	16
39	Lipid rafts and B cell signaling. Seminars in Cell and Developmental Biology, 2007, 18, 616-626.	2.3	115
40	Quantitative proteomic analysis of B cell lipid rafts reveals that ezrin regulates antigen receptorâ€"mediated lipid raft dynamics. Nature Immunology, 2006, 7, 625-633.	7.0	189
41	TLR3 and TLR7 Are Targeted to the Same Intracellular Compartments by Distinct Regulatory Elements. Journal of Biological Chemistry, 2005, 280, 37107-37117.	1.6	184
42	Ligand-regulated Chimeric Receptor Approach Reveals Distinctive Subcellular Localization and Signaling Properties of the Toll-like Receptors. Journal of Biological Chemistry, 2004, 279, 19008-19017.	1.6	204
43	Making and breaking tolerance. Current Opinion in Immunology, 2002, 14, 744-759.	2.4	92
44	Vav and the B cell signalosome. Nature Immunology, 2001, 2, 482-484.	7.0	40
45	Lupus-like kidney disease in mice deficient in the Src family tyrosine kinases Lyn and Fyn. Current Biology, 2001, 11, 34-38.	1.8	107
46	Apoptosis induced by the antigen receptor and Fas in a variant of the immature B cell line WEHI-231 and in splenic immature B cells. International Immunology, 2001, 13, 581-592.	1.8	7
47	Inhibition of the MEK/ERK Signaling Pathway Blocks a Subset of B Cell Responses to Antigen. Journal of Immunology, 2001, 166, 3855-3864.	0.4	121
48	Phosphatidylinositol 3-kinase and mTOR mediate lipopolysaccharide-stimulated nitric oxide production in macrophages via interferon-Î². Journal of Leukocyte Biology, 2000, 67, 405-414.	1.5	102
49	FcÎ³ Receptorâ€"Mediated Phagocytosis in Macrophages Lacking the Src Family Tyrosine Kinases Hck, Fgr, and Lyn. Journal of Experimental Medicine, 2000, 191, 669-682.	4.2	255
50	CD19 Regulates Src Family Protein Tyrosine Kinase Activation in B Lymphocytes through Processive Amplification. Immunity, 2000, 13, 47-57.	6.6	189
51	Role of Ceramide in Lipopolysaccharide (LPS)-induced Signaling. Journal of Biological Chemistry, 1999, 274, 1767-1775.	1.6	86
52	The Src Homology Domain 2-Containing Inositol Phosphatase SHIP Forms a Ternary Complex with Shc and Grb2 in Antigen Receptor-stimulated B Lymphocytes. Journal of Biological Chemistry, 1999, 274, 12183-12191.	1.6	49
53	Defective negative regulation of antigen receptor signaling in Lyn-deficient B lymphocytes. Current Biology, 1998, 8, 545-553.	1.8	158
54	Positive and negative roles of the tyrosine kinase Lyn in B cell function. Seminars in Immunology, 1998, 10, 299-307.	2.7	84

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55	A Critical Role for Syk in Signal Transduction and Phagocytosis Mediated by FcÎ³ Receptors on Macrophages. Journal of Experimental Medicine, 1997, 186, 1027-1039.	4.2	471
56	Characterization of the B Lymphocyte Populations in Lyn-Deficient Mice and the Role of Lyn in Signal Initiation and Down-Regulation. Immunity, 1997, 7, 69-81.	6.6	409
57	The complexity of signaling pathways activated by the BCR. Current Opinion in Immunology, 1997, 9, 296-308.	2.4	314
58	Assembly of the Truncated Immunoglobulin Heavy Chain DÎ¼ into Antigen Receptorâ€"Like Complexes in Pre-B Cells but Not in B Cells. Immunity, 1996, 4, 145-158.	6.6	34
59	B-cell co-receptors: The two-headed antigen. Current Biology, 1996, 6, 548-550.	1.8	10
60	Reconstitution of B Cell Antigen Receptor-induced Signaling Events in a Nonlymphoid Cell Line by Expressing the Syk Protein-tyrosine Kinase. Journal of Biological Chemistry, 1996, 271, 6458-6466.	1.6	47
61	Activation-induced Association of a 145-kDa Tyrosine-phosphorylated Protein with Shc and Syk in B Lymphocytes and Macrophages. Journal of Biological Chemistry, 1996, 271, 1145-1152.	1.6	76
62	Transmembrane signaling by antigen receptors of B and T lymphocytes. Current Opinion in Cell Biology, 1995, 7, 163-175.	2.6	104
63	Signal Transduction by the B-Cell Antigen Receptor. Annals of the New York Academy of Sciences, 1995, 766, 195-201.	1.8	35
64	Signaling pathways activated by protein tyrosine phosphorylation in lymphocytes. Current Opinion in Immunology, 1994, 6, 364-371.	2.4	28
65	B-cell antigen receptor motifs have redundant signalling capabilities and bind the tyrosine kinases PTK72, Lyn and Fyn. Current Biology, 1993, 3, 645-657.	1.8	117
66	Signaling the insulin receptor way. Current Biology, 1993, 3, 713-715.	1.8	1
67	Examination of B lymphoid cell lines for membrane immunoglobulin-stimulated tyrosine phosphorylation and src-family tyrosine kinase mRNA expression. Molecular Immunology, 1992, 29, 917-926.	1.0	42
68	bcl-2 to the rescue. Current Biology, 1992, 2, 95-97.	1.8	4
69	Tyrosine phosphorylation and the mechanism of signal transduction by the B-lymphocyte antigen receptor. FEBS Journal, 1992, 210, 381-388.	0.2	31
70	Between B cells and T cells. Nature, 1991, 351, 603-604.	13.7	34
71	Immunosuppressants at work. Nature, 1991, 352, 754-755.	13.7	75
72	Regulation of anti-immunoglobulin-induced B lymphoma growth arrest by transforming growth factor Î²1 and dexamethasone. International Immunology, 1991, 3, 1091-1098.	1.8	9

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73	Stimulation of protein tyrosine phosphorylation by the B-lymphocyte antigen receptor. Nature, 1990, 345, 810-813.	13.7	352
74	Tolerance: a second mechanism. Nature, 1989, 342, 340-341.	13.7	26
75	Cellâ€“cell interactions in the antibody response. Nature, 1988, 334, 199-200.	13.7	9
76	Fate of self-reactive B cells. Nature, 1988, 334, 652-653.	13.7	3
77	Molecular Aspects of B-Lymphocyte Activation. Annual Review of Cell Biology, 1987, 3, 143-178.	26.0	134
78	Regulation of Growth and Proliferation in B Cell Subpopulations. Immunological Reviews, 1982, 64, 161-182.	2.8	113