

Michael P Cancro

List of Publications by Year in descending order

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127
papers

8,154
citations

44042

48
h-index

51562

86
g-index

128
all docs

128
docs citations

128
times ranked

9070
citing authors

#	ARTICLE	IF	CITATIONS
1	A B-cell subset uniquely responsive to innate stimuli accumulates in aged mice. <i>Blood</i> , 2011, 118, 1294-1304.	0.6	422
2	IL-21 drives expansion and plasma cell differentiation of autoreactive CD11c ^{hi} T-bet ⁺ B cells in SLE. <i>Nature Communications</i> , 2018, 9, 1758.	5.8	392
3	Nucleoside-modified mRNA vaccines induce potent T follicular helper and germinal center B cell responses. <i>Journal of Experimental Medicine</i> , 2018, 215, 1571-1588.	4.2	366
4	Cutting Edge: BlyS Enables Survival of Transitional and Mature B Cells Through Distinct Mediators. <i>Journal of Immunology</i> , 2002, 168, 5993-5996.	0.4	281
5	Lipid nanoparticles enhance the efficacy of mRNA and protein subunit vaccines by inducing robust T follicular helper cell and humoral responses. <i>Immunity</i> , 2021, 54, 2877-2892.e7.	6.6	260
6	Critical Roles for Rac1 and Rac2 GTPases in B Cell Development and Signaling. <i>Science</i> , 2003, 302, 459-462.	6.0	248
7	The role of B lymphocyte stimulator (BlyS) in systemic lupus erythematosus. <i>Journal of Clinical Investigation</i> , 2009, 119, 1066-1073.	3.9	229
8	Age-Associated B Cells. <i>Annual Review of Immunology</i> , 2020, 38, 315-340.	9.5	205
9	Cutting Edge: Dendritic Cell-Restricted Antigen Presentation Initiates the Follicular Helper T Cell Program but Cannot Complete Ultimate Effector Differentiation. <i>Journal of Immunology</i> , 2011, 187, 1091-1095.	0.4	200
10	Tonic B cell antigen receptor signals supply an NF- κ B substrate for prosurvival BlyS signaling. <i>Nature Immunology</i> , 2008, 9, 1379-1387.	7.0	190
11	Age-Associated B Cells: A T-bet ^{hi} Dependent Effector with Roles in Protective and Pathogenic Immunity. <i>Journal of Immunology</i> , 2015, 195, 1933-1937.	0.4	189
12	Cutting Edge: IL-4, IL-21, and IFN- γ Interact To Govern T-bet and CD11c Expression in TLR-Activated B Cells. <i>Journal of Immunology</i> , 2016, 197, 1023-1028.	0.4	183
13	Role of type I interferons in the activation of autoreactive B cells. <i>Immunology and Cell Biology</i> , 2012, 90, 498-504.	1.0	182
14	B cells and aging: molecules and mechanisms. <i>Trends in Immunology</i> , 2009, 30, 313-318.	2.9	171
15	A role for IL-27p28 as an antagonist of gp130-mediated signaling. <i>Nature Immunology</i> , 2010, 11, 1119-1126.	7.0	168
16	BlyS inhibition eliminates primary B cells but leaves natural and acquired humoral immunity intact. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008, 105, 15517-15522.	3.3	161
17	Competition for BlyS-mediated signaling through Bcmd/BR3 regulates peripheral B lymphocyte numbers. <i>Current Biology</i> , 2001, 11, 1986-1989.	1.8	148
18	TLR Stimulation Modifies BlyS Receptor Expression in Follicular and Marginal Zone B Cells. <i>Journal of Immunology</i> , 2007, 178, 7531-7539.	0.4	144

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19	The Transcription Factor T-bet Resolves Memory B Cell Subsets with Distinct Tissue Distributions and Antibody Specificities in Mice and Humans. <i>Immunity</i> , 2020, 52, 842-855.e6.	6.6	144
20	B cell maintenance and function in aging. <i>Seminars in Immunology</i> , 2012, 24, 342-349.	2.7	135
21	Age-associated B cells: key mediators of both protective and autoreactive humoral responses. <i>Immunological Reviews</i> , 2016, 269, 118-129.	2.8	129
22	Cutting Edge: B Cell Receptor Signals Regulate BlyS Receptor Levels in Mature B Cells and Their Immediate Progenitors. <i>Journal of Immunology</i> , 2003, 170, 5820-5823.	0.4	127
23	Bone Marrow Microenvironmental Changes Underlie Reduced RAG-mediated Recombination and B Cell Generation in Aged Mice. <i>Journal of Experimental Medicine</i> , 2004, 200, 411-423.	4.2	124
24	Local BlyS production by T follicular cells mediates retention of high affinity B cells during affinity maturation. <i>Journal of Experimental Medicine</i> , 2014, 211, 45-56.	4.2	109
25	Signalling crosstalk in B cells: managing worth and need. <i>Nature Reviews Immunology</i> , 2009, 9, 657-661.	10.6	103
26	Long-Lived Bone Marrow Plasma Cells Are Induced Early in Response to T Cell-Independent or T Cell-Dependent Antigens. <i>Journal of Immunology</i> , 2012, 188, 5389-5396.	0.4	101
27	Asymmetric B Cell Division in the Germinal Center Reaction. <i>Science</i> , 2012, 335, 342-344.	6.0	101
28	Peripheral B-cell maturation: the intersection of selection and homeostasis. <i>Immunological Reviews</i> , 2004, 197, 89-101.	2.8	100
29	Age-Associated B Cells Express a Diverse Repertoire of VH and VÎ ^h Genes with Somatic Hypermutation. <i>Journal of Immunology</i> , 2017, 198, 1921-1927.	0.4	99
30	T Regulatory Cells Support Plasma Cell Populations in the Bone Marrow. <i>Cell Reports</i> , 2017, 18, 1906-1916.	2.9	95
31	Tâ€bet⁺ memory B cells: Generation, function, and fate. <i>Immunological Reviews</i> , 2019, 288, 149-160.	2.8	92
32	Space, Selection, and Surveillance: Setting Boundaries with BlyS. <i>Journal of Immunology</i> , 2006, 176, 6405-6410.	0.4	90
33	The BlyS Family: Toward a Molecular Understanding of B Cell Homeostasis. <i>Cell Biochemistry and Biophysics</i> , 2009, 53, 1-16.	0.9	89
34	A comparative review of aging and B cell function in mice and humans. <i>Current Opinion in Immunology</i> , 2013, 25, 504-510.	2.4	89
35	B Cell Positive Selection: Road Map to the Primary Repertoire?. <i>Journal of Immunology</i> , 2004, 173, 15-19.	0.4	86
36	In Vivo BlyS/BAFF Neutralization Ameliorates Islet-Directed Autoimmunity in Nonobese Diabetic Mice. <i>Journal of Immunology</i> , 2008, 181, 8133-8144.	0.4	75

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37	A TLR9-dependent checkpoint governs B cell responses to DNA-containing antigens. <i>Journal of Clinical Investigation</i> , 2017, 127, 1651-1663.	3.9	75
38	Nucleoside-modified mRNA encoding HSV-2 glycoproteins C, D, and E prevents clinical and subclinical genital herpes. <i>Science Immunology</i> , 2019, 4, .	5.6	72
39	BAFF and the plasticity of peripheral B cell tolerance. <i>Current Opinion in Immunology</i> , 2008, 20, 158-161.	2.4	70
40	The BLYS family of ligands and receptors: an archetype for niche-specific homeostatic regulation. <i>Immunological Reviews</i> , 2004, 202, 237-249.	2.8	69
41	Nucleic Acidâ€“Sensing Receptors: Rheostats of Autoimmunity and Autoinflammation. <i>Journal of Immunology</i> , 2015, 195, 3507-3512.	0.4	68
42	Memory B cells and plasma cells: The differentiative continuum of humoral immunity. <i>Immunological Reviews</i> , 2021, 303, 72-82.	2.8	68
43	The role of BLYS/BLYS receptors in anti-chromatin B cell regulation. <i>International Immunology</i> , 2007, 19, 465-475.	1.8	67
44	The B Cellâ€“Stimulatory Cytokines BLYS and APRIL Are Elevated in Human Periodontitis and Are Required for B Cellâ€“Dependent Bone Loss in Experimental Murine Periodontitis. <i>Journal of Immunology</i> , 2015, 195, 1427-1435.	0.4	62
45	B cells and aging: Balancing the homeostatic equation. <i>Experimental Gerontology</i> , 2007, 42, 396-399.	1.2	57
46	Protective antiviral antibody responses in a mouse model of influenza virus infection require TACI. <i>Journal of Clinical Investigation</i> , 2011, 121, 3954-3964.	3.9	56
47	Targeting BLYS in rheumatic disease: the sometimes-bumpy road from bench to bedside. <i>Current Opinion in Rheumatology</i> , 2011, 23, 305-310.	2.0	54
48	Cell-Intrinsic Expression of TLR9 in Autoreactive B Cells Constrains BCR/TLR7-Dependent Responses. <i>Journal of Immunology</i> , 2015, 194, 2504-2512.	0.4	54
49	BCR-Induced Ca ²⁺ Signals Dynamically Tune Survival, Metabolic Reprogramming, and Proliferation of Naive B Cells. <i>Cell Reports</i> , 2020, 31, 107474.	2.9	54
50	The dynamic epigenetic regulation of the inactive X chromosome in healthy human B cells is dysregulated in lupus patients. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	54
51	Homeostatic niche specification among naÃ“ve and activated B cells: A growing role for the BLYS family of receptors and ligands. <i>Seminars in Immunology</i> , 2005, 17, 193-199.	2.7	53
52	Mechanism and Regulatory Function of CpG Signaling via Scavenger Receptor B1 in Primary B Cells. <i>Journal of Biological Chemistry</i> , 2009, 284, 22878-22887.	1.6	45
53	Dispensability of APRIL to the development of systemic lupus erythematosus in NZM 2328 mice. <i>Arthritis and Rheumatism</i> , 2012, 64, 1610-1619.	6.7	41
54	BLYS receptor signatures resolve homeostatically independent compartments among naÃ“ve and antigen-experienced B cells. <i>Seminars in Immunology</i> , 2006, 18, 297-304.	2.7	40

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55	Signals that drive T-bet expression in B cells. <i>Cellular Immunology</i> , 2017, 321, 3-7.	1.4	39
56	B cells and aging: gauging the interplay of generative, selective, and homeostatic events. <i>Immunological Reviews</i> , 2005, 205, 48-59.	2.8	38
57	Chronic Spinal Cord Injury Impairs Primary Antibody Responses but Spares Existing Humoral Immunity in Mice. <i>Journal of Immunology</i> , 2012, 188, 5257-5266.	0.4	38
58	New roles for the BLYS/BAFF family in antigen-experienced B cell niches. <i>Cytokine and Growth Factor Reviews</i> , 2014, 25, 107-113.	3.2	37
59	Fc γ RIIB signals inhibit BLYS signaling and BCR-mediated BLYS receptor up-regulation. <i>Blood</i> , 2009, 113, 1464-1473.	0.6	36
60	BAFF receptors and ligands create independent homeostatic niches for B cell subsets. <i>Current Opinion in Immunology</i> , 2015, 34, 126-129.	2.4	36
61	Cutting Edge: Impaired Transitional B Cell Production and Selection in the Nonobese Diabetic Mouse. <i>Journal of Immunology</i> , 2006, 176, 7159-7164.	0.4	35
62	Development of Systemic Lupus Erythematosus in NZM 2328 Mice in the Absence of any Single BAFF Receptor. <i>Arthritis and Rheumatism</i> , 2013, 65, 1043-1054.	6.7	35
63	BLYS-Mediated Modulation of Naïve B Cell Subsets Impacts HIV Env-Induced Antibody Responses. <i>Journal of Immunology</i> , 2012, 188, 6018-6026.	0.4	34
64	T-bet+ B cells: A common denominator in protective and autoreactive antibody responses?. <i>Current Opinion in Immunology</i> , 2019, 57, 40-45.	2.4	34
65	Screening of alternative models for transitional B cell maturation. <i>International Immunology</i> , 2004, 16, 1081-1090.	1.8	31
66	Homeostatic control of B lymphocyte subsets. <i>Immunologic Research</i> , 2008, 42, 75-83.	1.3	29
67	IgM Plasma Cells Reside in Healthy Skin and Accumulate with Chronic Inflammation. <i>Journal of Investigative Dermatology</i> , 2019, 139, 2477-2487.	0.3	29
68	Alterations in splenic architecture and the localization of anti-double-stranded DNA B cells in aged mice. <i>International Immunology</i> , 2000, 12, 915-926.	1.8	27
69	Peripheral B Cell Selection and Homeostasis. <i>Immunologic Research</i> , 2003, 27, 141-148.	1.3	27
70	Acquisition of Humoral Transplantation Tolerance upon De Novo Emergence of B Lymphocytes. <i>Journal of Immunology</i> , 2011, 186, 614-620.	0.4	27
71	B cell maturation and selection at the marrow-periphery interface. <i>Immunologic Research</i> , 1998, 17, 3-11.	1.3	26
72	Expression of the Bcl-2 family member A1 is developmentally regulated in T cells. <i>International Immunology</i> , 1999, 11, 1753-1761.	1.8	26

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73	xid mice reveal the interplay of homeostasis and Bruton's tyrosine kinase-mediated selection at multiple stages of B cell development. <i>International Immunology</i> , 2001, 13, 1501-1514.	1.8	26
74	Role of β -Catenin in B Cell Development and Function. <i>Journal of Immunology</i> , 2008, 181, 3777-3783.	0.4	26
75	Murine Islet Allograft Tolerance Upon Blockade of the B-Lymphocyte Stimulator, BLYS/BAFF. <i>Transplantation</i> , 2012, 93, 676-685.	0.5	26
76	A quantitative-trait locus controlling peripheral B-cell deficiency maps to mouse Chromosome 15. <i>Immunogenetics</i> , 2000, 51, 924-929.	1.2	25
77	B Cellâ€“Intrinsic Expression of the HuR RNA-Binding Protein Is Required for the T Cellâ€“Dependent Immune Response In Vivo. <i>Journal of Immunology</i> , 2015, 195, 3449-3462.	0.4	24
78	Memory B cells form in aged mice despite impaired affinity maturation and germinal center kinetics. <i>Experimental Gerontology</i> , 2014, 54, 109-115.	1.2	23
79	Differential Development of Systemic Lupus Erythematosus in NZM 2328 Mice Deficient in Discrete Pairs of BAFF Receptors. <i>Arthritis and Rheumatology</i> , 2015, 67, 2523-2535.	2.9	21
80	Molecular pattern recognition in peripheral B cell tolerance: lessons from age-associated B cells. <i>Current Opinion in Immunology</i> , 2019, 61, 33-38.	2.4	18
81	BLYS: The Pivotal Determinant of Peripheral B Cell Selection and Lifespan. <i>Current Pharmaceutical Design</i> , 2003, 9, 1833-1847.	0.9	18
82	Trivalent nucleoside-modified mRNA vaccine yields durable memory B cell protection against genital herpes in preclinical models. <i>Journal of Clinical Investigation</i> , 2021, 131, .	3.9	17
83	Manipulating B cell homeostasis: a key component in the advancement of targeted strategies. <i>Archivum Immunologiae Et Therapiae Experimentalis</i> , 2008, 56, 153-164.	1.0	16
84	Living in Context with the Survival Factor BAFF. <i>Immunity</i> , 2008, 28, 300-301.	6.6	15
85	B-cell tolerance in transplantation: is repertoire remodeling the answer?. <i>Expert Review of Clinical Immunology</i> , 2009, 5, 703-723.	1.3	15
86	Resolve, revise, and relax: The 3 Rs of B cell repertoire adjustment. <i>Immunology Letters</i> , 2012, 143, 2-8.	1.1	15
87	APRIL mediates peritoneal B-1 cell homeostasis. <i>Immunology Letters</i> , 2014, 160, 120-127.	1.1	15
88	Global T Cell Dysregulation in Non-Autoimmune-Prone Mice Promotes Rapid Development of BAFF-Independent, Systemic Lupus Erythematosus-Like Autoimmunity. <i>Journal of Immunology</i> , 2008, 181, 833-841.	0.4	13
89	Beyond transitional selection: New roles for BLYS in peripheral tolerance. <i>Drug Development Research</i> , 2011, 72, 779-787.	1.4	13
90	Unraveling the Warp and Weft of B Cell Fate. <i>Immunity</i> , 2006, 25, 395-396.	6.6	12

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91	Roles for BlyS family members in meeting the distinct homeostatic demands of innate and adaptive B cells. <i>Frontiers in Immunology</i> , 2013, 4, 37.	2.2	12
92	Dwindling competition with constant demand: Can homeostatic adjustments explain age-associated changes in peripheral B cell selection?. <i>Seminars in Immunology</i> , 2005, 17, 362-369.	2.7	11
93	Spinal cord injury impacts B cell production, homeostasis, and activation. <i>Seminars in Immunology</i> , 2014, 26, 421-427.	2.7	11
94	The E3 ubiquitin ligase Itch restricts antigen-driven B cell responses. <i>Journal of Experimental Medicine</i> , 2019, 216, 2170-2183.	4.2	11
95	Connecting the dots: Revealing the interactions of lymphocyte development and homeostasis in the immunobiology of aging. <i>Seminars in Immunology</i> , 2005, 17, 319-320.	2.7	8
96	pERKING Up the BLIMP in Plasma Cell Differentiation. <i>Science Signaling</i> , 2011, 4, pe21.	1.6	8
97	Kinetic Modeling Reveals a Common Death Niche for Newly Formed and Mature B Cells. <i>PLoS ONE</i> , 2010, 5, e9497.	1.1	8
98	Tipping the Scales of Selection with BAFF. <i>Immunity</i> , 2004, 20, 655-656.	6.6	7
99	Expanding roles for the Tbet+ B cell subset in health and disease. <i>Cellular Immunology</i> , 2017, 321, 1-2.	1.4	7
100	BlyS neutralization results in selective anti-HLA alloantibody depletion without successful desensitization. <i>Transplant Immunology</i> , 2021, 69, 101465.	0.6	7
101	An increased frequency of autoantibody-inducing CD4+ T cells in pre-diseased lupus-prone mice. <i>International Immunology</i> , 2004, 16, 1001-1007.	1.8	6
102	Editorial: Phagocytic B cells: dÃ©jÃ© vu all over again?. <i>Journal of Leukocyte Biology</i> , 2012, 91, 519-521.	1.5	6
103	TACI expression and plasma cell differentiation are impaired in the absence of functional Î² BNS. <i>Immunology and Cell Biology</i> , 2019, 97, 485-497.	1.0	6
104	Strategies for B-lymphocyte repertoire remodeling in transplantation tolerance. <i>Immunologic Research</i> , 2011, 51, 1-4.	1.3	5
105	Targeting the BlyS family in autoimmunity: a tale of mouse and man. <i>Clinical Investigation</i> , 2011, 1, 951-967.	0.0	5
106	The Reign of Antibodies: A Celebration of and Tribute to Michael Potter and His Homogeneous Immunoglobulin Workshops. <i>Journal of Immunology</i> , 2018, 200, 23-26.	0.4	5
107	Editorial: Counting the carbs: a memory B cell makeover. <i>Journal of Leukocyte Biology</i> , 2011, 90, 1-3.	1.5	4
108	The NIK of time for B cells. <i>European Journal of Immunology</i> , 2016, 46, 547-551.	1.6	3

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109	Ancient BCMA-like Genes Herald B Cell Regulation in Lampreys. <i>Journal of Immunology</i> , 2019, 203, 2909-2916.	0.4	3
110	The persistence of memory: A unique niche for IgG memory B cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2010, 107, 12737-12738.	3.3	2
111	T-Bet Enables Tissue-Restricted B Cell Memory and Influenza Hemagglutinin Stalk-Specific Antibodies. <i>SSRN Electronic Journal</i> , 0, , .	0.4	2
112	Crossing the Threshold of Lymphocyte Activation. <i>Journal of Immunology</i> , 2005, 174, 5159-5160.	0.4	1
113	An eruption of European B cell biology. <i>EMBO Reports</i> , 2010, 11, 653-654.	2.0	1
114	Ray D. Owen 1915-2014. <i>Nature Immunology</i> , 2014, 15, 1091-1091.	7.0	1
115	The Old One-Two: Solving the Mystery of Cognate Help. <i>Journal of Immunology</i> , 2016, 197, 4193-4194.	0.4	1
116	Editorial overview: BAFF family ligands and receptors - a license to live. <i>Current Opinion in Immunology</i> , 2021, 71, vii-ix.	2.4	1
117	Lymph node formation and B cell homeostasis require IKK- β in distinct endothelial cell-derived compartments. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	3.3	1
118	A Novel FBXO45-Gef-H1 Axis Controls Oncogenic Signaling in B-Cell Lymphoma. <i>Blood</i> , 2021, 138, 711-711.	0.6	1
119	Systematic Procedures for Curriculum Evaluation: Does Anything Ever Change?. <i>Academic Medicine</i> , 1991, 66, S87.	0.8	0
120	Different partners in different places?. <i>Blood</i> , 2008, 111, 975-975.	0.6	0
121	Making new connections: The intersection of neuroendocrine and immune regulation. <i>Seminars in Immunology</i> , 2014, 26, 355-356.	2.7	0
122	Editorial: Where's the B in NHP?. <i>Journal of Leukocyte Biology</i> , 2015, 97, 5-7.	1.5	0
123	Caught Off Center: Rethinking the Requirements for Antibody Affinity Maturation. <i>Immunity</i> , 2015, 43, 5-6.	6.6	0
124	Editorial: All that you can B: mirn23a regulates B versus myeloid fates. <i>Journal of Leukocyte Biology</i> , 2016, 100, 642-644.	1.5	0
125	Editorial: The nose knows. <i>Journal of Leukocyte Biology</i> , 2017, 102, 569-571.	1.5	0
126	45-...CD11c-hi T-bet+ B cells contribute to the pathogenesis of SLE through generation of autoreactive plasma cells. , 2019, , .		0

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127	BlyS Neutralization Ablates Primary But Not Memory B Cell Pools. FASEB Journal, 2008, 22, 366-366.	0.2	0