

Nicole Baumgarth

List of Publications by Year in Descending Order

Source: <https://exaly.com/author-pdf/3780075/nicole-baumgarth-publications-by-year.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75
papers

5,126
citations

35
h-index

71
g-index

80
ext. papers

6,202
ext. citations

8.9
avg, IF

6.34
L-index

#	Paper	IF	Citations
75	CD4 T cell responses in persistent <i>Borrelia burgdorferi</i> infection.. <i>Current Opinion in Immunology</i> , 2022 , 77, 102187	7.8	
74	Genetic mapping reveals <i>Nfkbid</i> as a central regulator of humoral immunity to <i>Toxoplasma gondii</i> . <i>PLoS Pathogens</i> , 2021 , 17, e1010081	7.6	0
73	The Shaping of a B Cell Pool Maximally Responsive to Infections. <i>Annual Review of Immunology</i> , 2021 , 39, 103-129	34.7	5
72	Report of the Pathogenesis and Pathophysiology of Lyme Disease Subcommittee of the HHS Tick Borne Disease Working Group. <i>Frontiers in Medicine</i> , 2021 , 8, 643235	4.9	3
71	Purification and Immune Phenotyping of B-1 Cells from Body Cavities of Mice. <i>Methods in Molecular Biology</i> , 2021 , 2270, 27-45	1.4	0
70	Recent Progress in Lyme Disease and Remaining Challenges. <i>Frontiers in Medicine</i> , 2021 , 8, 666554	4.9	7
69	Immune Response to : Lessons from Lyme Disease Spirochetes. <i>Current Issues in Molecular Biology</i> , 2021 , 42, 145-190	2.9	7
68	B Cell Activation and Response Regulation During Viral Infections. <i>Viral Immunology</i> , 2020 , 33, 294-306	1.7	15
67	Memory Lapses-Winning the Slow Race. <i>Immunity</i> , 2020 , 53, 902-904	32.3	0
66	Antibody Responses to SARS-CoV-2: Let's Stick to Known Knowns. <i>Journal of Immunology</i> , 2020 , 205, 2342-2350	5.3	44
65	Guidelines for the use of flow cytometry and cell sorting in immunological studies (second edition). <i>European Journal of Immunology</i> , 2019 , 49, 1457-1973	6.1	485
64	B-1 cell responses to infections. <i>Current Opinion in Immunology</i> , 2019 , 57, 23-31	7.8	32
63	A natural killer T-cell subset that protects against airway hyperreactivity. <i>Journal of Allergy and Clinical Immunology</i> , 2019 , 143, 565-576.e7	11.5	9
62	Secreted IgM: New tricks for an old molecule. <i>Journal of Leukocyte Biology</i> , 2019 , 106, 1021-1034	6.5	18
61	TLR induces reorganization of the IgM-BCR complex regulating murine B-1 cell responses to infections. <i>ELife</i> , 2019 , 8,	8.9	19
60	B cell receptor and Toll-like receptor signaling coordinate to control distinct B-1 responses to both self and the microbiota. <i>ELife</i> , 2019 , 8,	8.9	25
59	The Multifaceted B Cell Response to Influenza Virus. <i>Journal of Immunology</i> , 2019 , 202, 351-359	5.3	52

58	Both B-1a and B-1b cells exposed to Mycobacterium tuberculosis lipids differentiate into IgM antibody-secreting cells. <i>Immunology</i> , 2018 , 154, 613	7.8	9
57	The IgM receptor Fc γ R limits tonic BCR signaling by regulating expression of the IgM BCR. <i>Nature Immunology</i> , 2017 , 18, 321-333	19.1	48
56	Comprehensive Annotation of Mature Peptides and Genotypes for Zika Virus. <i>PLoS ONE</i> , 2017 , 12, e0170462	9.7	16
55	Blimp-1-dependent and -independent natural antibody production by B-1 and B-1-derived plasma cells. <i>Journal of Experimental Medicine</i> , 2017 , 214, 2777-2794	16.6	52
54	sIgM-Fc γ R Interactions Regulate Early B Cell Activation and Plasma Cell Development after Influenza Virus Infection. <i>Journal of Immunology</i> , 2017 , 199, 1635-1646	5.3	23
53	A Hard(y) Look at B-1 Cell Development and Function. <i>Journal of Immunology</i> , 2017 , 199, 3387-3394	5.3	69
52	Manipulates Innate and Adaptive Immunity to Establish Persistence in Rodent Reservoir Hosts. <i>Frontiers in Immunology</i> , 2017 , 8, 116	8.4	39
51	Licensing delineates helper and effector NK cell subsets during viral infection. <i>JCI Insight</i> , 2017 , 2,	9.9	20
50	Innate B Cells Tell ILC How It's Done. <i>Immunity</i> , 2016 , 45, 8-10	32.3	4
49	Richard R. (Randy) Hardy 1952-2016. <i>Nature Immunology</i> , 2016 , 17, 889	19.1	
48	Natural IgM and the Development of B Cell-Mediated Autoimmune Diseases. <i>Critical Reviews in Immunology</i> , 2016 , 36, 163-177	1.8	32
47	B-1 Cell Heterogeneity and the Regulation of Natural and Antigen-Induced IgM Production. <i>Frontiers in Immunology</i> , 2016 , 7, 324	8.4	92
46	Infection-induced type I interferons activate CD11b on B-1 cells for subsequent lymph node accumulation. <i>Nature Communications</i> , 2015 , 6, 8991	17.4	39
45	CD4+ T cells promote antibody production but not sustained affinity maturation during <i>Borrelia burgdorferi</i> infection. <i>Infection and Immunity</i> , 2015 , 83, 48-56	3.7	30
44	Characteristics of natural antibody-secreting cells. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1362, 132-42	6.5	48
43	Natural and induced B-1 cell immunity to infections raises questions of nature versus nurture. <i>Annals of the New York Academy of Sciences</i> , 2015 , 1362, 188-99	6.5	30
42	Characterization of Receptor Binding Profiles of Influenza A Viruses Using An Ellipsometry-Based Label-Free Glycan Microarray Assay Platform. <i>Biomolecules</i> , 2015 , 5, 1480-98	5.9	34
41	Natural IgM prevents autoimmunity by enforcing B cell central tolerance induction. <i>Journal of Immunology</i> , 2015 , 194, 1489-502	5.3	61

40	Suppression of Long-Lived Humoral Immunity Following <i>Borrelia burgdorferi</i> Infection. <i>PLoS Pathogens</i> , 2015 , 11, e1004976	7.6	58
39	MyD88- and TRIF-independent induction of type I interferon drives naive B cell accumulation but not loss of lymph node architecture in Lyme disease. <i>Infection and Immunity</i> , 2014 , 82, 1548-58	3.7	23
38	Synergistic up-regulation of CXCL10 by virus and IFN γ in human airway epithelial cells. <i>PLoS ONE</i> , 2014 , 9, e100978	3.7	20
37	Purification and immune phenotyping of B-1 cells from body cavities of mice. <i>Methods in Molecular Biology</i> , 2014 , 1190, 17-34	1.4	20
36	Antibody-mediated immunity 2013 , 283-297		1
35	How specific is too specific? B-cell responses to viral infections reveal the importance of breadth over depth. <i>Immunological Reviews</i> , 2013 , 255, 82-94	11.3	57
34	Innate-like B cells and their rules of engagement. <i>Advances in Experimental Medicine and Biology</i> , 2013 , 785, 57-66	3.6	46
33	The role of innate signals in B cell immunity to influenza virus. <i>Frontiers in Bioscience - Scholar</i> , 2013 , 5, 105-17	2.4	4
32	Natural Killer Cell Licensing Delineates NK Helper/Repair and NK Effector/Suppressor Subsets During Viral Infections. <i>Blood</i> , 2013 , 122, 13-13	2.2	
31	B-1 cells in the bone marrow are a significant source of natural IgM. <i>European Journal of Immunology</i> , 2012 , 42, 120-9	6.1	133
30	Single and coexpression of CXCR4 and CXCR5 identifies CD4 T helper cells in distinct lymph node niches during influenza virus infection. <i>Journal of Virology</i> , 2012 , 86, 7146-57	6.6	27
29	Delays and diversions mark the development of B cell responses to <i>Borrelia burgdorferi</i> infection. <i>Journal of Immunology</i> , 2012 , 188, 5612-22	5.3	62
28	The double life of a B-1 cell: self-reactivity selects for protective effector functions. <i>Nature Reviews Immunology</i> , 2011 , 11, 34-46	36.5	655
27	Protective B cell responses to flu--no fluke!. <i>Journal of Immunology</i> , 2011 , 186, 3823-9	5.3	68
26	Lymphadenopathy during lyme borreliosis is caused by spirochete migration-induced specific B cell activation. <i>PLoS Pathogens</i> , 2011 , 7, e1002066	7.6	42
25	B-cell fate decisions following influenza virus infection. <i>European Journal of Immunology</i> , 2010 , 40, 366-71	7.1	58
24	B7-1/2 (CD80/CD86) direct signaling to B cells enhances IgG secretion. <i>Journal of Immunology</i> , 2009 , 183, 7661-71	5.3	81
23	Human cytomegalovirus suppresses type I interferon secretion by plasmacytoid dendritic cells through its interleukin 10 homolog. <i>Virology</i> , 2009 , 390, 330-7	3.6	50

22	Nicole Baumgarth: tackling flu from a B cell angle. Interviewed by Amy Maxmem. <i>Journal of Experimental Medicine</i> , 2008 , 205, 2454-5	16.6	1
21	Dual role for B-1a cells in immunity to influenza virus infection. <i>Journal of Experimental Medicine</i> , 2008 , 205, 3053-64	16.6	189
20	Rigid interferon-alpha subtype responses of human plasmacytoid dendritic cells. <i>Journal of Interferon and Cytokine Research</i> , 2008 , 28, 749-63	3.5	24
19	Transcriptional regulation of natural IgM secretion by a novel B-1 cell population in the bone marrow. <i>FASEB Journal</i> , 2008 , 22, 847.9	0.9	
18	B cell-Dendritic Cell interaction during influenza infection. <i>FASEB Journal</i> , 2008 , 22, 857.11	0.9	
17	Assessment of cell proliferation by 5-bromodeoxyuridine (BrdU) labeling for multicolor flow cytometry. <i>Current Protocols in Cytometry</i> , 2007 , Chapter 7, Unit7.31	3.6	18
16	Influenza virus infection causes global respiratory tract B cell response modulation via innate immune signals. <i>Journal of Immunology</i> , 2007 , 178, 1457-67	5.3	56
15	Evaluation of intranuclear BrdU detection procedures for use in multicolor flow cytometry. <i>Cytometry Part A: the Journal of the International Society for Analytical Cytology</i> , 2006 , 69, 249-59	4.6	45
14	Type I IFN receptor signals directly stimulate local B cells early following influenza virus infection. <i>Journal of Immunology</i> , 2006 , 176, 4343-51	5.3	143
13	Enumeration and characterization of virus-specific B cells by multicolor flow cytometry. <i>Journal of Immunological Methods</i> , 2005 , 303, 40-52	2.5	57
12	Inherent specificities in natural antibodies: a key to immune defense against pathogen invasion. <i>Seminars in Immunopathology</i> , 2005 , 26, 347-62		396
11	B-cell immunophenotyping. <i>Methods in Cell Biology</i> , 2004 , 75, 643-62	1.8	16
10	Highly tissue substructure-specific effects of human papilloma virus in mucosa of HIV-infected patients revealed by laser-dissection microscopy-assisted gene expression profiling. <i>American Journal of Pathology</i> , 2004 , 165, 707-18	5.8	18
9	Optimization of emission optics for multicolor flow cytometry. <i>Methods in Cell Biology</i> , 2004 , 75, 3-22	1.8	8
8	An early CD4+ T cell-dependent immunoglobulin A response to influenza infection in the absence of key cognate T-B interactions. <i>Journal of Experimental Medicine</i> , 2003 , 198, 1011-21	16.6	92
7	B cell-dependent T cell responses: IgM antibodies are required to elicit contact sensitivity. <i>Journal of Experimental Medicine</i> , 2002 , 196, 1277-90	16.6	109
6	Secreted IgM versus BLYS in germinal center formation. <i>Nature Immunology</i> , 2000 , 1, 179	19.1	2
5	A practical approach to multicolor flow cytometry for immunophenotyping. <i>Journal of Immunological Methods</i> , 2000 , 243, 77-97	2.5	346

4	B-1 and B-2 cell-derived immunoglobulin M antibodies are nonredundant components of the protective response to influenza virus infection. <i>Journal of Experimental Medicine</i> , 2000 , 192, 271-80	16.6	458
3	A population of murine gammadelta T cells that recognize an inducible MHC class Ib molecule. <i>Science</i> , 2000 , 287, 314-6	33.3	155
2	Nine color eleven parameter immunophenotyping using three laser flow cytometry. <i>Cytometry</i> , 1999 , 36, 36-45		53
1	CD72-deficient mice reveal nonredundant roles of CD72 in B cell development and activation. <i>Immunity</i> , 1999 , 11, 495-506	32.3	166