Roberta Pelanda

List of Publications by Year
in descending order

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47 papers	2,267 citations	257450 24 h-index	233421 45 g-index
49 all docs	49 docs citations	49 times ranked	3012 citing authors

#	Article	IF	Citations
1	Bâ€cell intrinsic and extrinsic signals that regulate central tolerance of mouse and human B cells*. Immunological Reviews, 2022, 307, 12-26.	6.0	17
2	Elevated Detection of Dual Antibody B Cells Identifies Lupus Patients With B Cell-Reactive VH4-34 Autoantibodies. Frontiers in Immunology, 2022, 13, 795209.	4.8	4
3	Many Achillesâ€™ heels of B and T cell tolerance. Immunological Reviews, 2022, 307, 5-11.	6.0	0
4	LPA suppresses T cell function by altering the cytoskeleton and disrupting immune synapse formation. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, e2118816119.	7.1	7
5	SARS-CoV-2 infection relaxes peripheral B cell tolerance. Journal of Experimental Medicine, 2022, 219, .	8.5	10
6	Testing Cancer Immunotherapy in a Human Immune System Mouse Model: Correlating Treatment Responses to Human Chimerism, Therapeutic Variables and Immune Cell Phenotypes. Frontiers in Immunology, 2021, 12, 607282.	4.8	19
7	Graft-derived extracellular vesicles transported across subcapsular sinus macrophages elicit B cell alloimmunity after transplantation. Science Translational Medicine, 2021, 13, .	12.4	18
8	Central human B cell tolerance manifests with a distinctive cell phenotype and is enforced via CXCR4 signaling in hu-mice. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	8
9	Histone H2A-Reactive B Cells Are Functionally Anergic in Healthy Mice With Potential to Provide Humoral Protection Against HIV-1. Frontiers in Immunology, 2020, 11, 1565.	4.8	4
10	RX-5902, a novel Î²-catenin modulator, potentiates the efficacy of immune checkpoint inhibitors in preclinical models of triple-negative breast Cancer. BMC Cancer, 2020, 20, 1063.	2.6	16
11	LPA5 Is an Inhibitory Receptor That Suppresses CD8 T-Cell Cytotoxic Function via Disruption of Early TCR Signaling. Frontiers in Immunology, 2019, 10, 1159.	4.8	58
12	Active PI3K abrogates central tolerance in high-avidity autoreactive B cells. Journal of Experimental Medicine, 2019, 216, 1135-1153.	8.5	22
13	The development of human immune system mice and their use to study tolerance and autoimmunity. Journal of Translational Autoimmunity, 2019, 2, 100021.	4.0	13
14	Cytokineâ€Producing B Cells Promote Immuneâ€Mediated Bile Duct Injury in Murine Biliary Atresia. Hepatology, 2018, 68, 1890-1904.	7.3	26
15	Innate and adaptive signals enhance differentiation and expansion of dual-antibody autoreactive B cells in lupus. Nature Communications, 2018, 9, 3973.	12.8	16
16	Activation of the MEK-ERK Pathway Is Necessary but Not Sufficient for Breaking Central B Cell Tolerance. Frontiers in Immunology, 2018, 9, 707.	4.8	14
17	Silencing of TLM B cells by chronic HIV infection. Nature Immunology, 2018, 19, 902-903.	14.5	1
18	Epstein-Barr Virus Type 2 Infects T Cells and Induces B Cell Lymphomagenesis in Humanized Mice. Journal of Virology, 2018, 92, .	3.4	35

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19	Conditional Selection of B Cells in Mice With an Inducible B Cell Development. Frontiers in Immunology, 2018, 9, 1806.	4.8	9
20	Breaching peripheral tolerance promotes the production of HIV-1â€“neutralizing antibodies. Journal of Experimental Medicine, 2017, 214, 2283-2302.	8.5	50
21	Replacing mouse BAFF with human BAFF does not improve B-cell maturation in hematopoietic humanized mice. Blood Advances, 2017, 1, 2729-2741.	5.2	22
22	Receptor editing and genetic variability in human autoreactive B cells. Journal of Experimental Medicine, 2016, 213, 93-108.	8.5	37
23	<scp>CD</scp> 19 and <scp>BAFF</scp> â€R can signal to promote <scp>B</scp> â€cell survival in the absence of Syk. EMBO Journal, 2015, 34, 925-939.	7.8	63
24	Activation of Ras overcomes B-cell tolerance to promote differentiation of autoreactive B cells and production of autoantibodies. Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, E2797-806.	7.1	35
25	Dual immunoglobulin light chain B cells: Trojan horses of autoimmunity?. Current Opinion in Immunology, 2014, 27, 53-59.	5.5	33
26	Antigen and cytokine receptor signals guide the development of the naÃ¯ve mature B cell repertoire. Immunologic Research, 2013, 55, 231-240.	2.9	23
27	Mouse marginal zone B cells harbor specificities similar to human broadly neutralizing HIV antibodies. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 1422-1427.	7.1	20
28	Division of labor during primary humoral immunity. Immunologic Research, 2013, 55, 277-286.	2.9	19
29	Studies of Lymphocyte Reconstitution in a Humanized Mouse Model Reveal a Requirement of T Cells for Human B Cell Maturation. Journal of Immunology, 2013, 190, 2090-2101.	0.8	99
30	Dual-reactive B cells are autoreactive and highly enriched in the plasmablast and memory B cell subsets of autoimmune mice. Journal of Experimental Medicine, 2012, 209, 1797-1812.	8.5	40
31	Murine gammaherpesvirus 68 infection protects lupus-prone mice from the development of autoimmunity. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E1092-100.	7.1	34
32	Central B-Cell Tolerance: Where Selection Begins. Cold Spring Harbor Perspectives in Biology, 2012, 4, a007146-a007146.	5.5	85
33	Murine B Cell Development and Antibody Responses to Model Antigens Are Not Impaired in the Absence of the TNF Receptor GITR. PLoS ONE, 2012, 7, e31632.	2.5	19
34	Generation of hematopoietic humanized mice in the newborn BALB/c-Rag2nullIl2rÎ³null mouse model: A multivariable optimization approach. Clinical Immunology, 2011, 140, 102-116.	3.2	38
35	S1P3 confers differential S1Pâ€induced migration by autoreactive and nonâ€autoreactive immature B cells and is required for normal Bâ€cell development. European Journal of Immunology, 2010, 40, 688-698.	2.9	49
36	Ras activation of Erk restores impaired tonic BCR signaling and rescues immature B cell differentiation. Journal of Experimental Medicine, 2010, 207, 607-621.	8.5	77

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37	BAFF Receptor Signaling Aids the Differentiation of Immature B Cells into Transitional B Cells following Tonic BCR Signaling. Journal of Immunology, 2010, 185, 4570-4581.	0.8	100
38	Type I IFN enhances follicular B cell contribution to the T cellâ€“independent antibody response. Journal of Experimental Medicine, 2010, 207, 1485-1500.	8.5	143
39	Contributions of Antigen and Cytokine Receptor Signals to Immature B cell Survival and Development. FASEB Journal, 2008, 22, 378-378.	0.5	0
40	Ig Allotypic Inclusion Does Not Prevent B Cell Development or Response. Journal of Immunology, 2007, 179, 1049-1057.	0.8	32
41	Receptor editing for better or for worse. Current Opinion in Immunology, 2006, 18, 184-190.	5.5	70
42	Receptor Editing Can Lead to Allelic Inclusion and Development of B Cells That Retain Antibodies Reacting with High Avidity Autoantigens. Journal of Immunology, 2005, 175, 5067-5076.	0.8	70
43	Receptor editing is the main mechanism of B cell tolerance toward membrane antigens. Nature Immunology, 2004, 5, 645-650.	14.5	229
44	Manipulation and Visualization of the Erythroid Lineage - In Vivo Models for Erythroid Disorders.. Blood, 2004, 104, 1620-1620.	1.4	0
45	Cre recombinase-controlled expression of themb-1 allele. Genesis, 2002, 32, 154-157.	1.6	31
46	Receptor Editing in a Transgenic Mouse Model: Site, Efficiency, and Role in B Cell Tolerance and Antibody Diversification. Immunity, 1997, 7, 765-775.	14.3	268
47	A Prematurely Expressed IgÎº Transgene, but Not a VÎºJÎº Gene Segment Targeted into the IgÎº Locus, Can Rescue B Cell Development in Î»5-Deficient Mice. Immunity, 1996, 5, 229-239.	14.3	137