# Roberta Pelanda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1888507/publications.pdf

Version: 2024-02-01

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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 | 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 |
| 2 | Receptor editing is the main mechanism of B cell tolerance toward membrane antigens. Nature Immunology, 2004, 5, 645-650. | 14.5 | 229 |
| 3 | 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 |
| 4 | A Prematurely Expressed IgÎ¼ Transgene, but Not a VÎ¼JÎ¼ Gene Segment Targeted into the IgÎ¼ Locus, Can Rescue B Cell Development in Î»5-Deficient Mice. Immunity, 1996, 5, 229-239. | 14.3 | 137 |
| 5 | 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 |
| 6 | 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 |
| 7 | Central B-Cell Tolerance: Where Selection Begins. Cold Spring Harbor Perspectives in Biology, 2012, 4, a007146-a007146. | 5.5 | 85 |
| 8 | 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 |
| 9 | 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 |
| 10 | Receptor editing for better or for worse. Current Opinion in Immunology, 2006, 18, 184-190. | 5.5 | 70 |
| 11 | <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 |
| 12 | 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 |
| 13 | Breaching peripheral tolerance promotes the production of HIV-1â€“neutralizing antibodies. Journal of Experimental Medicine, 2017, 214, 2283-2302. | 8.5 | 50 |
| 14 | 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 |
| 15 | 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 |
| 16 | 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 |
| 17 | Receptor editing and genetic variability in human autoreactive B cells. Journal of Experimental Medicine, 2016, 213, 93-108. | 8.5 | 37 |
| 18 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Epstein-Barr Virus Type 2 Infects T Cells and Induces B Cell Lymphomagenesis in Humanized Mice. Journal of Virology, 2018, 92, . | 3.4 | 35 |
| 20 | 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 |
| 21 | Dual immunoglobulin light chain B cells: Trojan horses of autoimmunity?. Current Opinion in Immunology, 2014, 27, 53-59. | 5.5 | 33 |
| 22 | Ig Allotypic Inclusion Does Not Prevent B Cell Development or Response. Journal of Immunology, 2007, 179, 1049-1057. | 0.8 | 32 |
| 23 | Cre recombinase-controlled expression of themb-1 allele. Genesis, 2002, 32, 154-157. | 1.6 | 31 |
| 24 | Cytokineâ€Producing B Cells Promote Immuneâ€Mediated Bile Duct Injury in Murine Biliary Atresia. Hepatology, 2018, 68, 1890-1904. | 7.3 | 26 |
| 25 | 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 |
| 26 | 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 |
| 27 | Active PI3K abrogates central tolerance in high-avidity autoreactive B cells. Journal of Experimental Medicine, 2019, 216, 1135-1153. | 8.5 | 22 |
| 28 | 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 |
| 29 | 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 |
| 30 | Division of labor during primary humoral immunity. Immunologic Research, 2013, 55, 277-286. | 2.9 | 19 |
| 31 | 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 |
| 32 | Graft-derived extracellular vesicles transported across subcapsular sinus macrophages elicit B cell alloimmunity after transplantation. Science Translational Medicine, 2021, 13, . | 12.4 | 18 |
| 33 | 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 |
| 34 | Innate and adaptive signals enhance differentiation and expansion of dual-antibody autoreactive B cells in lupus. Nature Communications, 2018, 9, 3973. | 12.8 | 16 |
| 35 | 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 |
| 36 | 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 |

| # | Article | IF | Citations |
|---|---|---|---|
| 37 | 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 |
| 38 | SARS-CoV-2 infection relaxes peripheral B cell tolerance. Journal of Experimental Medicine, 2022, 219, . | 8.5 | 10 |
| 39 | Conditional Selection of B Cells in Mice With an Inducible B Cell Development. Frontiers in Immunology, 2018, 9, 1806. | 4.8 | 9 |
| 40 | 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 |
| 41 | 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 |
| 42 | 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 |
| 43 | 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 |
| 44 | Silencing of TLM B cells by chronic HIV infection. Nature Immunology, 2018, 19, 902-903. | 14.5 | 1 |
| 45 | Manipulation and Visualization of the Erythroid Lineage - In Vivo Models for Erythroid Disorders.. Blood, 2004, 104, 1620-1620. | 1.4 | 0 |
| 46 | Contributions of Antigen and Cytokine Receptor Signals to Immature B cell Survival and Development. FASEB Journal, 2008, 22, 378-378. | 0.5 | 0 |
| 47 | Many Achillesâ€™ heels of B and T cell tolerance. Immunological Reviews, 2022, 307, 5-11. | 6.0 | 0 |