Rose Zamoyska

List of Publications by Year
in descending order

48 papers	2,752 citations	236925 25 h-index	206112 48 g-index
54 all docs	54 docs citations	54 times ranked	4624 citing authors

#	Article	IF	Citations
1	A disease-linked lncRNA mutation in RNase MRP inhibits ribosome synthesis. Nature Communications, 2022, 13, 649.	12.8	21
2	Modulation of TCR Signaling by Tyrosine Phosphatases: From Autoimmunity to Immunotherapy. Frontiers in Cell and Developmental Biology, 2020, 8, 608747.	3.7	25
3	Phosphatase PTPN22 Regulates Dendritic Cell Homeostasis and cDC2 Dependent T Cell Responses. Frontiers in Immunology, 2020, 11, 376.	4.8	3
4	PTPN22 Acts in a Cell Intrinsic Manner to Restrict the Proliferation and Differentiation of T Cells Following Antibody Lymphodepletion. Frontiers in Immunology, 2020, 11, 52.	4.8	5
5	Multi-color Molecular Visualization of Signaling Proteins Reveals How C-Terminal Src Kinase Nanoclusters Regulate T Cell Receptor Activation. Cell Reports, 2020, 33, 108523.	6.4	15
6	miR-181a/b-1 controls thymic selection of Treg cells and tunes their suppressive capacity. PLoS Biology, 2019, 17, e2006716.	5.6	28
7	Deletion of PTPN22 improves effector and memory CD8+ T cell responses to tumors. JCI Insight, 2019, 4, .	5.0	28
8	Regulation of autoimmune and antiâ€tumour Tâ€cell responses by <scp>PTPN</scp>22. Immunology, 2018, 154, 377-382.	4.4	33
9	Protein tyrosine phosphatase PTPN22 regulates ILâ€1Î² dependent Th17 responses by modulating dectinâ€1 signaling in mice. European Journal of Immunology, 2018, 48, 306-315.	2.9	17
10	Crispr/Cas Mediated Deletion of PTPN22 in Jurkat T Cells Enhances TCR Signaling and Production of IL-2. Frontiers in Immunology, 2018, 9, 2595.	4.8	21
11	Protein tyrosine phosphatase PTPN22 regulates LFA-1 dependent Th1 responses. Journal of Autoimmunity, 2018, 94, 45-55.	6.5	19
12	The protein tyrosine phosphatase PTPN22 negatively regulates presentation of immune complex derived antigens. Scientific Reports, 2018, 8, 12692.	3.3	17
13	Resistance to TGFÎ² suppression and improved anti-tumor responses in CD8+ T cells lacking PTPN22. Nature Communications, 2017, 8, 1343.	12.8	37
14	Suboptimal T-cell receptor signaling compromises protein translation, ribosome biogenesis, and proliferation of mouse CD8 T cells. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6117-E6126.	7.1	55
15	Caveolin-1 Influences LFA-1 Redistribution upon TCR Stimulation in CD8 T Cells. Journal of Immunology, 2017, 199, 874-884.	0.8	7
16	Protein tyrosine phosphatase PTPN22 is dispensable for dendritic cell antigen processing and promotion of T-cell activation by dendritic cells. PLoS ONE, 2017, 12, e0186625.	2.5	11
17	Superresolution imaging of the cytoplasmic phosphatase PTPN22 links integrin-mediated T cell adhesion with autoimmunity. Science Signaling, 2016, 9, ra99.	3.6	37
18	IL-12 Signals through the TCR To Support CD8 Innate Immune Responses. Journal of Immunology, 2016, 197, 2434-2443.	0.8	29

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19	PTPN22 Is a Critical Regulator of FcÎ³ Receptorâ€"Mediated Neutrophil Activation. Journal of Immunology, 2016, 197, 4771-4779.	0.8	27
20	Loss of the Protein Tyrosine Phosphatase PTPN22 Reduces Mannan-Induced Autoimmune Arthritis in SKG Mice. Journal of Immunology, 2016, 197, 429-440.	0.8	23
21	Multifunctional roles of the autoimmune disease-associated tyrosine phosphatase PTPN22 in regulating T cell homeostasis. Cell Cycle, 2015, 14, 705-711.	2.6	16
22	Mechanistic Target of Rapamycin Complex 1/S6 Kinase 1 Signals Influence T Cell Activation Independently of Ribosomal Protein S6 Phosphorylation. Journal of Immunology, 2015, 195, 4615-4622.	0.8	24
23	Ligand-engaged TCR is triggered by Lck not associated with CD8 coreceptor. Nature Communications, 2014, 5, 5624.	12.8	62
24	The tyrosine phosphatase PTPN22 discriminates weak self peptides from strong agonist TCR signals. Nature Immunology, 2014, 15, 875-883.	14.5	99
25	Proximity of TCR and its CD8 coreceptor controls sensitivity of T cells. Immunology Letters, 2014, 157, 16-22.	2.5	11
26	T cell receptor signalling networks: branched, diversified and bounded. Nature Reviews Immunology, 2013, 13, 257-269.	22.7	411
27	Lack of the Phosphatase PTPN22 Increases Adhesion of Murine Regulatory T Cells to Improve Their Immunosuppressive Function. Science Signaling, 2012, 5, ra87.	3.6	97
28	Chronic Infection Drives Expression of the Inhibitory Receptor CD200R, and Its Ligand CD200, by Mouse and Human CD4 T Cells. PLoS ONE, 2012, 7, e35466.	2.5	44
29	The influence of mTOR on T helper cell differentiation and dendritic cell function. European Journal of Immunology, 2011, 41, 2137-2141.	2.9	34
30	Reduced Functional Avidity Promotes Central and Effector Memory CD4 T Cell Responses to Tumor-Associated Antigens. Journal of Immunology, 2010, 185, 6545-6554.	0.8	53
31	How does the mammalian target of rapamycin (mTOR) influence CD8 T-cell differentiation?. Cell Cycle, 2010, 9, 3024-3029.	2.6	10
32	MAPK, Phosphatidylinositol 3-Kinase, and Mammalian Target of Rapamycin Pathways Converge at the Level of Ribosomal Protein S6 Phosphorylation to Control Metabolic Signaling in CD8 T Cells. Journal of Immunology, 2009, 183, 7388-7397.	0.8	108
33	Tâ€cell receptor proximal signaling via the Srcâ€family kinases, Lck and Fyn, influences Tâ€cell activation, differentiation, and tolerance. Immunological Reviews, 2009, 228, 9-22.	6.0	326
34	Fyn Regulates the Duration of TCR Engagement Needed for Commitment to Effector Function. Journal of Immunology, 2007, 179, 4635-4644.	0.8	59
35	Lck Regulates the Threshold of Activation in Primary T Cells, While both Lck and Fyn Contribute to the Magnitude of the Extracellular Signal-Related Kinase Response. Molecular and Cellular Biology, 2006, 26, 8655-8665.	2.3	101
36	Differential requirement for Lck during primary and memory CD8+ T cell responses. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 16388-16393.	7.1	55

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37	Signalling in T-lymphocyte development: integration of signalling pathways is the key. Current Opinion in Immunology, 2004, 16, 191-196.	5.5	31
38	T-Cell Differentiation: Chromatin Remodelling in CD4/CD8 Regulation. Current Biology, 2003, 13, R189-R191.	3.9	6
39	The influence of the srcâ€family kinases, Lck and Fyn, on T cell differentiation, survival and activation. Immunological Reviews, 2003, 191, 107-118.	6.0	178
40	Insights into T-Cell Development from Studies Using Transgenic and Knockout Mice. Molecular Biotechnology, 2001, 18, 11-24.	2.4	3
41	Sensory Adaptation in Naive Peripheral CD4 T Cells. Journal of Experimental Medicine, 2001, 194, 1253-1262.	8.5	147
42	Inducible Expression of a p56Lck Transgene Reveals a Central Role for Lck in the Differentiation of CD4 SP Thymocytes. Immunity, 2000, 12, 537-546.	14.3	132
43	Long-Term Survival But Impaired Homeostatic Proliferation of Naive T Cells in the Absence of p56lck. Science, 2000, 290, 127-131.	12.6	114
44	Greatly reduced efficiency of both positive and negative selection of thymocytes in CD45 tyrosine phosphatase-deficient mice. European Journal of Immunology, 1999, 29, 2923-2933.	2.9	67
45	Greatly reduced efficiency of both positive and negative selection of thymocytes in CD45 tyrosine phosphatase-deficient mice. European Journal of Immunology, 1999, 29, 2923-2933.	2.9	2
46	Co-capping studies reveal CD8/TCR interactions after capping CD8Î² polypeptides and intracellular associations of CD8 with p56lck. European Journal of Immunology, 1998, 28, 745-754.	2.9	32
47	Signals through CD8 or CD4 can induce commitment to the CD4 lineage in the thymus. European Journal of Immunology, 1997, 27, 1152-1163.	2.9	47
48	Transgene-encoded human CD2 acts in a dominant negative fashion to modify thymocyte selection signals in mice. European Journal of Immunology, 1996, 26, 2952-2963.	2.9	24