

Rose Zamoyska

List of Publications by Year in descending order

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48
papers

2,752
citations

236925

25
h-index

206112

48
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54
all docs

54
docs citations

54
times ranked

4624
citing authors

#	ARTICLE	IF	CITATIONS
1	T cell receptor signalling networks: branched, diversified and bounded. <i>Nature Reviews Immunology</i> , 2013, 13, 257-269.	22.7	411
2	T cell receptor proximal signaling via the Src family kinases, Lck and Fyn, influences T cell activation, differentiation, and tolerance. <i>Immunological Reviews</i> , 2009, 228, 9-22.	6.0	326
3	The influence of the src family kinases, Lck and Fyn, on T cell differentiation, survival and activation. <i>Immunological Reviews</i> , 2003, 191, 107-118.	6.0	178
4	Sensory Adaptation in Naive Peripheral CD4 T Cells. <i>Journal of Experimental Medicine</i> , 2001, 194, 1253-1262.	8.5	147
5	Inducible Expression of a p56Lck Transgene Reveals a Central Role for Lck in the Differentiation of CD4 SP Thymocytes. <i>Immunity</i> , 2000, 12, 537-546.	14.3	132
6	Long-Term Survival But Impaired Homeostatic Proliferation of Naive T Cells in the Absence of p56lck. <i>Science</i> , 2000, 290, 127-131.	12.6	114
7	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. <i>Journal of Immunology</i> , 2009, 183, 7388-7397.	0.8	108
8	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. <i>Molecular and Cellular Biology</i> , 2006, 26, 8655-8665.	2.3	101
9	The tyrosine phosphatase PTPN22 discriminates weak self peptides from strong agonist TCR signals. <i>Nature Immunology</i> , 2014, 15, 875-883.	14.5	99
10	Lack of the Phosphatase PTPN22 Increases Adhesion of Murine Regulatory T Cells to Improve Their Immunosuppressive Function. <i>Science Signaling</i> , 2012, 5, ra87.	3.6	97
11	Greatly reduced efficiency of both positive and negative selection of thymocytes in CD45 tyrosine phosphatase-deficient mice. <i>European Journal of Immunology</i> , 1999, 29, 2923-2933.	2.9	67
12	Ligand-engaged TCR is triggered by Lck not associated with CD8 coreceptor. <i>Nature Communications</i> , 2014, 5, 5624.	12.8	62
13	Fyn Regulates the Duration of TCR Engagement Needed for Commitment to Effector Function. <i>Journal of Immunology</i> , 2007, 179, 4635-4644.	0.8	59
14	Differential requirement for Lck during primary and memory CD8+ T cell responses. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 16388-16393.	7.1	55
15	Suboptimal T-cell receptor signaling compromises protein translation, ribosome biogenesis, and proliferation of mouse CD8 T cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, E6117-E6126.	7.1	55
16	Reduced Functional Avidity Promotes Central and Effector Memory CD4 T Cell Responses to Tumor-Associated Antigens. <i>Journal of Immunology</i> , 2010, 185, 6545-6554.	0.8	53
17	Signals through CD8 or CD4 can induce commitment to the CD4 lineage in the thymus. <i>European Journal of Immunology</i> , 1997, 27, 1152-1163.	2.9	47
18	Chronic Infection Drives Expression of the Inhibitory Receptor CD200R, and Its Ligand CD200, by Mouse and Human CD4 T Cells. <i>PLoS ONE</i> , 2012, 7, e35466.	2.5	44

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19	Superresolution imaging of the cytoplasmic phosphatase PTPN22 links integrin-mediated T cell adhesion with autoimmunity. <i>Science Signaling</i> , 2016, 9, ra99.	3.6	37
20	Resistance to TGF β 2 suppression and improved anti-tumor responses in CD8+ T cells lacking PTPN22. <i>Nature Communications</i> , 2017, 8, 1343.	12.8	37
21	The influence of mTOR on T helper cell differentiation and dendritic cell function. <i>European Journal of Immunology</i> , 2011, 41, 2137-2141.	2.9	34
22	Regulation of autoimmune and anti-tumour T cell responses by PTPN22. <i>Immunology</i> , 2018, 154, 377-382.	4.4	33
23	Co-capping studies reveal CD8/TCR interactions after capping CD8 β 2 polypeptides and intracellular associations of CD8 with p56lck. <i>European Journal of Immunology</i> , 1998, 28, 745-754.	2.9	32
24	Signalling in T-lymphocyte development: integration of signalling pathways is the key. <i>Current Opinion in Immunology</i> , 2004, 16, 191-196.	5.5	31
25	IL-12 Signals through the TCR To Support CD8 Innate Immune Responses. <i>Journal of Immunology</i> , 2016, 197, 2434-2443.	0.8	29
26	miR-181a/b-1 controls thymic selection of Treg cells and tunes their suppressive capacity. <i>PLoS Biology</i> , 2019, 17, e2006716.	5.6	28
27	Deletion of PTPN22 improves effector and memory CD8+ T cell responses to tumors. <i>JCI Insight</i> , 2019, 4, .	5.0	28
28	PTPN22 Is a Critical Regulator of Fc γ 3 Receptor-Mediated Neutrophil Activation. <i>Journal of Immunology</i> , 2016, 197, 4771-4779.	0.8	27
29	Modulation of TCR Signaling by Tyrosine Phosphatases: From Autoimmunity to Immunotherapy. <i>Frontiers in Cell and Developmental Biology</i> , 2020, 8, 608747.	3.7	25
30	Transgene-encoded human CD2 acts in a dominant negative fashion to modify thymocyte selection signals in mice. <i>European Journal of Immunology</i> , 1996, 26, 2952-2963.	2.9	24
31	Mechanistic Target of Rapamycin Complex 1/S6 Kinase 1 Signals Influence T Cell Activation Independently of Ribosomal Protein S6 Phosphorylation. <i>Journal of Immunology</i> , 2015, 195, 4615-4622.	0.8	24
32	Loss of the Protein Tyrosine Phosphatase PTPN22 Reduces Mannan-Induced Autoimmune Arthritis in SKG Mice. <i>Journal of Immunology</i> , 2016, 197, 429-440.	0.8	23
33	Crispr/Cas Mediated Deletion of PTPN22 in Jurkat T Cells Enhances TCR Signaling and Production of IL-2. <i>Frontiers in Immunology</i> , 2018, 9, 2595.	4.8	21
34	A disease-linked lncRNA mutation in RNase MRP inhibits ribosome synthesis. <i>Nature Communications</i> , 2022, 13, 649.	12.8	21
35	Protein tyrosine phosphatase PTPN22 regulates LFA-1 dependent Th1 responses. <i>Journal of Autoimmunity</i> , 2018, 94, 45-55.	6.5	19
36	Protein tyrosine phosphatase PTPN22 regulates IL-1 β dependent Th17 responses by modulating dectin-1 signaling in mice. <i>European Journal of Immunology</i> , 2018, 48, 306-315.	2.9	17

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37	The protein tyrosine phosphatase PTPN22 negatively regulates presentation of immune complex derived antigens. <i>Scientific Reports</i> , 2018, 8, 12692.	3.3	17
38	Multifunctional roles of the autoimmune disease-associated tyrosine phosphatase PTPN22 in regulating T cell homeostasis. <i>Cell Cycle</i> , 2015, 14, 705-711.	2.6	16
39	Multi-color Molecular Visualization of Signaling Proteins Reveals How C-Terminal Src Kinase Nanoclusters Regulate T Cell Receptor Activation. <i>Cell Reports</i> , 2020, 33, 108523.	6.4	15
40	Proximity of TCR and its CD8 coreceptor controls sensitivity of T cells. <i>Immunology Letters</i> , 2014, 157, 16-22.	2.5	11
41	Protein tyrosine phosphatase PTPN22 is dispensable for dendritic cell antigen processing and promotion of T-cell activation by dendritic cells. <i>PLoS ONE</i> , 2017, 12, e0186625.	2.5	11
42	How does the mammalian target of rapamycin (mTOR) influence CD8 T-cell differentiation?. <i>Cell Cycle</i> , 2010, 9, 3024-3029.	2.6	10
43	Caveolin-1 Influences LFA-1 Redistribution upon TCR Stimulation in CD8 T Cells. <i>Journal of Immunology</i> , 2017, 199, 874-884.	0.8	7
44	T-Cell Differentiation: Chromatin Remodelling in CD4/CD8 Regulation. <i>Current Biology</i> , 2003, 13, R189-R191.	3.9	6
45	PTPN22 Acts in a Cell Intrinsic Manner to Restrict the Proliferation and Differentiation of T Cells Following Antibody Lymphodepletion. <i>Frontiers in Immunology</i> , 2020, 11, 52.	4.8	5
46	Insights into T-Cell Development from Studies Using Transgenic and Knockout Mice. <i>Molecular Biotechnology</i> , 2001, 18, 11-24.	2.4	3
47	Phosphatase PTPN22 Regulates Dendritic Cell Homeostasis and cDC2 Dependent T Cell Responses. <i>Frontiers in Immunology</i> , 2020, 11, 376.	4.8	3
48	Greatly reduced efficiency of both positive and negative selection of thymocytes in CD45 tyrosine phosphatase-deficient mice. <i>European Journal of Immunology</i> , 1999, 29, 2923-2933.	2.9	2