

Vasily Rybakin

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,135
citations

516710

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414414

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all docs

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docs citations

38
times ranked

1914
citing authors

#	ARTICLE	IF	CITATIONS
1	Themis regulates metabolic signaling and effector functions in CD4+ T cells by controlling NFAT nuclear translocation. <i>Cellular and Molecular Immunology</i> , 2021, 18, 2249-2261.	10.5	10
2	Expansion of an Unusual Virtual Memory CD8+ Subpopulation Bearing V β 3.2 TCR in Themis-Deficient Mice. <i>Frontiers in Immunology</i> , 2021, 12, 644483.	4.8	5
3	Corticotropin-releasing factor induces functional and structural synaptic remodelling in acute stress. <i>Translational Psychiatry</i> , 2021, 11, 378.	4.8	11
4	Internal Disulfide Bonding and Glycosylation of Interleukin-7 Protect Against Proteolytic Inactivation by Neutrophil Metalloproteinases and Serine Proteases. <i>Frontiers in Immunology</i> , 2021, 12, 701739.	4.8	4
5	T cell receptor and cytokine signal integration in CD8+ T cells is mediated by the protein Themis. <i>Nature Immunology</i> , 2020, 21, 186-198.	14.5	34
6	Synapse type-specific proteomic dissection identifies IgSF8 as a hippocampal CA3 microcircuit organizer. <i>Nature Communications</i> , 2020, 11, 5171.	12.8	35
7	A Dual Inhibitor of Cdc7/Cdk9 Potently Suppresses T Cell Activation. <i>Frontiers in Immunology</i> , 2019, 10, 1718.	4.8	10
8	Gelatinase B/matrix metalloproteinase-9 and other neutrophil proteases switch off interleukin-2 activity. <i>Biochemical Journal</i> , 2019, 476, 2191-2208.	3.7	8
9	Gold-substituted Silver-intensified Peroxidase Immunolabeling for FIB-SEM Imaging. <i>Journal of Histochemistry and Cytochemistry</i> , 2019, 67, 351-360.	2.5	4
10	MMP-9/Gelatinase B Degrades Immune Complexes in Systemic Lupus Erythematosus. <i>Frontiers in Immunology</i> , 2019, 10, 538.	4.8	19
11	Identification of Mediators of T-cell Receptor Signaling <i>via</i> the Screening of Chemical Inhibitor Libraries. <i>Journal of Visualized Experiments</i> , 2019, , .	0.3	8
12	Modernization of Golgi staining techniques for high-resolution, 3-dimensional imaging of individual neurons. <i>Scientific Reports</i> , 2019, 9, 130.	3.3	32
13	Propeptide glycosylation and galectin β binding decrease proteolytic activation of human proMMP-9/progelatinase B. <i>FEBS Journal</i> , 2019, 286, 930-945.	4.7	7
14	Themis-associated phosphatase activity controls signaling in T cell development. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, E11331-E11340.	7.1	21
15	Gelatinase B/Matrix Metalloproteinase-9 as Innate Immune Effector Molecule in Achalasia. <i>Clinical and Translational Gastroenterology</i> , 2018, 9, e208.	2.5	16
16	Neutrophils and Activated Macrophages Control Mucosal Immunity by Proteolytic Cleavage of Antileukoproteinase. <i>Frontiers in Immunology</i> , 2018, 9, 1154.	4.8	21
17	Development of a screening strategy for new modulators of T cell receptor signaling and T cell activation. <i>Scientific Reports</i> , 2018, 8, 10046.	3.3	15
18	Cell Type-Specific Regulation of Immunological Synapse Dynamics by B7 Ligand Recognition. <i>Frontiers in Immunology</i> , 2016, 7, 24.	4.8	44

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19	TCR Signal Strength and T Cell Development. Annual Review of Cell and Developmental Biology, 2016, 32, 327-348.	9.4	127
20	Thymocyte development in the absence of matrix metalloproteinase-9/gelatinase B. Scientific Reports, 2016, 6, 29852.	3.3	3
21	Fine-tuning T cell receptor signaling to control T cell development. Trends in Immunology, 2014, 35, 311-318.	6.8	67
22	Allelic Exclusion of TCR α -Chains upon Severe Restriction of $V\alpha$ Repertoire. PLoS ONE, 2014, 9, e114320.	2.5	10
23	Coreceptor affinity for MHC defines peptide specificity requirements for TCR interaction with coagonist peptide-MHC. Journal of Experimental Medicine, 2013, 210, 1807-1821.	8.5	32
24	Themis sets the signal threshold for positive and negative selection in T-cell development. Nature, 2013, 504, 441-445.	27.8	99
25	Negative Selection Assay Based on Stimulation of T Cell Receptor Transgenic Thymocytes with Peptide-MHC Tetramers. PLoS ONE, 2012, 7, e43191.	2.5	14
26	Initiation of TCR Phosphorylation and Signal Transduction. Frontiers in Immunology, 2011, 2, 72.	4.8	24
27	CD8 α and β isotypes are equally recruited to the immunological synapse through their ability to bind to MHC class I. EMBO Reports, 2011, 12, 1251-1256.	4.5	13
28	Protein Kinase C δ Is Required for T Cell Activation and Homeostatic Proliferation. Science Signaling, 2011, 4, ra84.	3.6	50
29	Themis controls thymocyte selection through regulation of T cell antigen receptor-mediated signaling. Nature Immunology, 2009, 10, 848-856.	14.5	122
30	Visualizing Intermolecular Interactions in T Cells. Current Topics in Microbiology and Immunology, 2009, 334, 31-46.	1.1	5
31	Molecular mechanism underlying the association of Coronin-7 with Golgi membranes. Cellular and Molecular Life Sciences, 2008, 65, 2419-2430.	5.4	16
32	Role of Mammalian Coronin 7 in the Biosynthetic Pathway. Sub-Cellular Biochemistry, 2008, 48, 110-115.	2.4	5
33	The dynamic developmental localization of the full-length corticotropin-releasing factor receptor type 2 in rat cerebellum. European Journal of Neuroscience, 2006, 23, 3217-3224.	2.6	13
34	Crn7 Interacts with AP-1 and Is Required for the Maintenance of Golgi Morphology and Protein Export from the Golgi. Journal of Biological Chemistry, 2006, 281, 31070-31078.	3.4	33
35	Coronin proteins as multifunctional regulators of the cytoskeleton and membrane trafficking. BioEssays, 2005, 27, 625-632.	2.5	130
36	CRF and urocortin differentially modulate GluR2 expression and distribution in parallel fiber-Purkinje cell synapses. Molecular and Cellular Neurosciences, 2005, 30, 513-522.	2.2	16

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37	Coronin 7, the mammalian POD-1 homologue, localizes to the Golgi apparatus. FEBS Letters, 2004, 573, 161-167.	2.8	52