Tomas Brdicka

List of Publications by Year
in descending order

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50	2,567	304743	189892
papers	citations	22	50
		h-index	g-index

61	61	61	3170
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Phosphoprotein Associated with Glycosphingolipid-Enriched Microdomains (Pag), a Novel Ubiquitously Expressed Transmembrane Adaptor Protein, Binds the Protein Tyrosine Kinase Csk and Is Involved in Regulation of T Cell Activation. Journal of Experimental Medicine, 2000, 191, 1591-1604.	8.5	447
2	GPI-microdomains: a role in signalling via immunoreceptors. Trends in Immunology, 1999, 20, 356-361.	7.5	253
3	Structural Basis for the Inhibition of Tyrosine Kinase Activity of ZAP-70. Cell, 2007, 129, 735-746.	28.9	217
4	Nonâ€“T Cell Activation Linker (NTAL). Journal of Experimental Medicine, 2002, 196, 1617-1626.	8.5	192
5	Structurally Distinct Phosphatases CD45 and CD148 Both Regulate B Cell and Macrophage Immunoreceptor Signaling. Immunity, 2008, 28, 183-196.	14.3	140
6	Opposing Functions of the T Cell Receptor Kinase ZAP-70 in Immunity and Tolerance Differentially Titrate in Response to Nucleotide Substitutions. Immunity, 2007, 27, 912-926.	14.3	137
7	Intramolecular Regulatory Switch in ZAP-70: Analogy with Receptor Tyrosine Kinases. Molecular and Cellular Biology, 2005, 25, 4924-4933.	2.3	122
8	LIME. Journal of Experimental Medicine, 2003, 198, 1453-1462.	8.5	110
9	Interaction between two adapter proteins, PAG and EBP50: a possible link between membrane rafts and actin cytoskeleton. FEBS Letters, 2001, 507, 133-136.	2.8	106
10	Differential role of glycolipid-enriched membrane domains in glycoprotein VI- and integrin-mediated phospholipase CÎ³2 regulation in platelets. Biochemical Journal, 2002, 364, 755-765.	3.7	99
11	Signal transduction in leucocytes via GPI-anchored proteins: an experimental artefact or an aspect of immunoreceptor function?. Immunology Letters, 1998, 63, 63-73.	2.5	71
12	SCIMP, a Transmembrane Adaptor Protein Involved in Major Histocompatibility Complex Class II Signaling. Molecular and Cellular Biology, 2011, 31, 4550-4562.	2.3	63
13	T Cell Receptor Signalling Results in Rapid Tyrosine Phosphorylation of the Linker Protein LAT Present in Detergent-Resistant Membrane Microdomains. Biochemical and Biophysical Research Communications, 1998, 248, 356-360.	2.1	59
14	Regulation of Src Family Kinases Involved in T Cell Receptor Signaling by Protein-tyrosine Phosphatase CD148. Journal of Biological Chemistry, 2011, 286, 22101-22112.	3.4	46
15	Quantifying protein densities on cell membranes using super-resolution optical fluctuation imaging. Nature Communications, 2017, 8, 1731.	12.8	43
16	A New Type of Membrane Raft-Like Microdomains and Their Possible Involvement in TCR Signaling. Journal of Immunology, 2010, 184, 3689-3696.	0.8	37
17	Î²-Cateninâ€“TCF/LEF signaling promotes steady-state and emergency granulopoiesis via G-CSF receptor upregulation. Blood, 2020, 136, 2574-2587.	1.4	35
18	PSTPIP2, a Protein Associated with Autoinflammatory Disease, Interacts with Inhibitory Enzymes SHIP1 and Csk. Journal of Immunology, 2015, 195, 3416-3426.	0.8	34

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19	The epitope recognized by pan-HLA class I-reactive monoclonal antibody W6/32 and its relationship to unusual stability of the HLA-B27/Î² 2 -microglobulin complex. Immunogenetics, 2001, 53, 440-446.	2.4	26
20	EVI2B is a C/EBPÎ± target gene required for granulocytic differentiation and functionality of hematopoietic progenitors. Cell Death and Differentiation, 2017, 24, 705-716.	11.2	25
21	Nonredundant Roles of Src-Family Kinases and Syk in the Initiation of B-Cell Antigen Receptor Signaling. Journal of Immunology, 2013, 190, 1807-1818.	0.8	23
22	Interaction of Late Apoptotic and Necrotic Cells with Vitronectin. PLoS ONE, 2011, 6, e19243.	2.5	22
23	LST1/A Is a Myeloid Leukocyte-specific Transmembrane Adaptor Protein Recruiting Protein Tyrosine Phosphatases SHP-1 and SHP-2 to the Plasma Membrane. Journal of Biological Chemistry, 2012, 287, 22812-22821.	3.4	21
24	The role of palmitoylation and transmembrane domain in sorting of transmembrane adaptor proteins. Journal of Cell Science, 2016, 129, 95-107.	2.0	20
25	Association of CD99 short and long forms with MHC class I, MHC class II and tetraspanin CD81 and recruitment into immunological synapses. BMC Research Notes, 2011, 4, 293.	1.4	16
26	The effects of membrane compartmentalization of csk on TCR signaling. Biochimica Et Biophysica Acta - Molecular Cell Research, 2011, 1813, 367-376.	4.1	15
27	The Transmembrane Adaptor Protein SCIMP Facilitates Sustained Dectin-1 Signaling in Dendritic Cells. Journal of Biological Chemistry, 2016, 291, 16530-16540.	3.4	15
28	High expression of cytoskeletal protein drebrin in TEL/AML1pos B-cell precursor acute lymphoblastic leukemia identified by a novel monoclonal antibody. Leukemia Research, 2011, 35, 1111-1113.	0.8	13
29	The gene signature in CCAAT-enhancer-binding protein Â dysfunctional acute myeloid leukemia predicts responsiveness to histone deacetylase inhibitors. Haematologica, 2014, 99, 697-705.	3.5	13
30	Novel SAMD9 Mutation in a Patient With Immunodeficiency, Neutropenia, Impaired Anti-CMV Response, and Severe Gastrointestinal Involvement. Frontiers in Immunology, 2019, 10, 2194.	4.8	12
31	Regulation of Inflammatory Response by Transmembrane Adaptor Protein LST1. Frontiers in Immunology, 2021, 12, 618332.	4.8	12
32	PRR7 Is a Transmembrane Adaptor Protein Expressed in Activated T Cells Involved in Regulation of T Cell Receptor Signaling and Apoptosis. Journal of Biological Chemistry, 2011, 286, 19617-19629.	3.4	11
33	High-resolution Antibody Array Analysis of Childhood Acute Leukemia Cells. Molecular and Cellular Proteomics, 2016, 15, 1246-1261.	3.8	10
34	Early-onset pulmonary and cutaneous vasculitis driven by constitutively active SRC-family kinase HCK. Journal of Allergy and Clinical Immunology, 2022, 149, 1464-1472.e3.	2.9	10
35	Expression of Fluorescent Fusion Proteins in Murine Bone Marrow-derived Dendritic Cells and Macrophages. Journal of Visualized Experiments, 2018, , .	0.3	9
36	L-plastin is involved in NKG2D recruitment into lipid rafts and NKG2D-mediated NK cell migration. Journal of Leukocyte Biology, 2014, 96, 437-445.	3.3	8

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37	LAT â€“ an important raftâ€associated transmembrane adaptor protein. Delivered on 6 July 2009 at the 34th FEBS Congress in Prague, Czech Republic. FEBS Journal, 2010, 277, 4383-4397.	4.7	7
38	The adaptor protein NTAL enhances proximal signaling and potentiates corticosteroid-induced apoptosis in T-ALL. Experimental Hematology, 2012, 40, 379-385.	0.4	7
39	C/EBPÎ³ is dispensable for steady-state and emergency granulopoiesis. Haematologica, 2018, 103, e331-e335.	3.5	6
40	Transmembrane adaptor protein WBP1L regulates CXCR4 signalling and murine haematopoiesis. Journal of Cellular and Molecular Medicine, 2020, 24, 1980-1992.	3.6	6
41	Dysregulated NADPH Oxidase Promotes Bone Damage in Murine Model of Autoinflammatory Osteomyelitis. Journal of Immunology, 2020, 204, 1607-1620.	0.8	6
42	The role of prolines and glycine in the transmembrane domain of LAT. FEBS Journal, 2021, 288, 4039-4052.	4.7	6
43	Approach to map nanotopography of cell surface receptors. Communications Biology, 2022, 5, 218.	4.4	6
44	Mechanisms determining a differential threshold for sensing Src family kinase activity by B and T cell antigen receptors. Journal of Biological Chemistry, 2020, 295, 12935-12945.	3.4	5
45	The receptor-type protein tyrosine phosphatase CD45 promotes onset and severity of IL-1Î²â€“mediated autoinflammatory osteomyelitis. Journal of Biological Chemistry, 2021, 297, 101131.	3.4	5
46	An alternative downstream translation start site in the nonâ€TIR adaptor Scimp enables selective amplification of CpG DNA responses in mouse macrophages. Immunology and Cell Biology, 2022, 100, 267-284.	2.3	4
47	LST1/A is a myeloid leukocyte-specific transmembrane adaptor protein recruiting protein tyrosine phosphatases SHP-1 and SHP-2 to the plasma membrane.. Journal of Biological Chemistry, 2013, 288, 28309.	3.4	1
48	The transmembrane protein EVI2B regulates hematopoietic stem cell function. Experimental Hematology, 2015, 43, S105.	0.4	1
49	OPAL1: from b cell all marker to E3 ubiquitin ligase adaptor. Experimental Hematology, 2013, 41, S47.	0.4	0
50	New Targets in Cytometric Investigation of Acute Leukemia Selected From Gene Profiling Studies. Blood, 2011, 118, 2536-2536.	1.4	0