

Tomas Brdicka

List of Publications by Year in descending order

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Version: 2024-02-01

50
papers

2,567
citations

304743

22
h-index

189892

50
g-index

61
all docs

61
docs citations

61
times ranked

3170
citing authors

#	ARTICLE	IF	CITATIONS
1	Early-onset pulmonary and cutaneous vasculitis driven by constitutively active SRC-family kinase HCK. <i>Journal of Allergy and Clinical Immunology</i> , 2022, 149, 1464-1472.e3.	2.9	10
2	An alternative downstream translation start site in the non- ϵ TIR adaptor Scimp enables selective amplification of CpG DNA responses in mouse macrophages. <i>Immunology and Cell Biology</i> , 2022, 100, 267-284.	2.3	4
3	Approach to map nanotopography of cell surface receptors. <i>Communications Biology</i> , 2022, 5, 218.	4.4	6
4	The role of prolines and glycine in the transmembrane domain of LAT. <i>FEBS Journal</i> , 2021, 288, 4039-4052.	4.7	6
5	Regulation of Inflammatory Response by Transmembrane Adaptor Protein LST1. <i>Frontiers in Immunology</i> , 2021, 12, 618332.	4.8	12
6	The receptor-type protein tyrosine phosphatase CD45 promotes onset and severity of IL-1 β -mediated autoinflammatory osteomyelitis. <i>Journal of Biological Chemistry</i> , 2021, 297, 101131.	3.4	5
7	Transmembrane adaptor protein WBP1L regulates CXCR4 signalling and murine haematopoiesis. <i>Journal of Cellular and Molecular Medicine</i> , 2020, 24, 1980-1992.	3.6	6
8	Mechanisms determining a differential threshold for sensing Src family kinase activity by B and T cell antigen receptors. <i>Journal of Biological Chemistry</i> , 2020, 295, 12935-12945.	3.4	5
9	β -Catenin-TCF/LEF signaling promotes steady-state and emergency granulopoiesis via G-CSF receptor upregulation. <i>Blood</i> , 2020, 136, 2574-2587.	1.4	35
10	Dysregulated NADPH Oxidase Promotes Bone Damage in Murine Model of Autoinflammatory Osteomyelitis. <i>Journal of Immunology</i> , 2020, 204, 1607-1620.	0.8	6
11	Novel SAMD9 Mutation in a Patient With Immunodeficiency, Neutropenia, Impaired Anti-CMV Response, and Severe Gastrointestinal Involvement. <i>Frontiers in Immunology</i> , 2019, 10, 2194.	4.8	12
12	C/EBP β is dispensable for steady-state and emergency granulopoiesis. <i>Haematologica</i> , 2018, 103, e331-e335.	3.5	6
13	Expression of Fluorescent Fusion Proteins in Murine Bone Marrow-derived Dendritic Cells and Macrophages. <i>Journal of Visualized Experiments</i> , 2018, , .	0.3	9
14	EVI2B is a C/EBP β target gene required for granulocytic differentiation and functionality of hematopoietic progenitors. <i>Cell Death and Differentiation</i> , 2017, 24, 705-716.	11.2	25
15	Quantifying protein densities on cell membranes using super-resolution optical fluctuation imaging. <i>Nature Communications</i> , 2017, 8, 1731.	12.8	43
16	The role of palmitoylation and transmembrane domain in sorting of transmembrane adaptor proteins. <i>Journal of Cell Science</i> , 2016, 129, 95-107.	2.0	20
17	The Transmembrane Adaptor Protein SCIMP Facilitates Sustained Dectin-1 Signaling in Dendritic Cells. <i>Journal of Biological Chemistry</i> , 2016, 291, 16530-16540.	3.4	15
18	High-resolution Antibody Array Analysis of Childhood Acute Leukemia Cells. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 1246-1261.	3.8	10

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19	The transmembrane protein EVI2B regulates hematopoietic stem cell function. <i>Experimental Hematology</i> , 2015, 43, S105.	0.4	1
20	PSTPIP2, a Protein Associated with Autoinflammatory Disease, Interacts with Inhibitory Enzymes SHIP1 and Csk. <i>Journal of Immunology</i> , 2015, 195, 3416-3426.	0.8	34
21	The gene signature in CCAAT-enhancer-binding protein \hat{A} dysfunctional acute myeloid leukemia predicts responsiveness to histone deacetylase inhibitors. <i>Haematologica</i> , 2014, 99, 697-705.	3.5	13
22	L-plastin is involved in NKG2D recruitment into lipid rafts and NKG2D-mediated NK cell migration. <i>Journal of Leukocyte Biology</i> , 2014, 96, 437-445.	3.3	8
23	OPAL1: from b cell all marker to E3 ubiquitin ligase adaptor. <i>Experimental Hematology</i> , 2013, 41, S47.	0.4	0
24	LST1/A is a myeloid leukocyte-specific transmembrane adaptor protein recruiting protein tyrosine phosphatases SHP-1 and SHP-2 to the plasma membrane.. <i>Journal of Biological Chemistry</i> , 2013, 288, 28309.	3.4	1
25	Nonredundant Roles of Src-Family Kinases and Syk in the Initiation of B-Cell Antigen Receptor Signaling. <i>Journal of Immunology</i> , 2013, 190, 1807-1818.	0.8	23
26	LST1/A Is a Myeloid Leukocyte-specific Transmembrane Adaptor Protein Recruiting Protein Tyrosine Phosphatases SHP-1 and SHP-2 to the Plasma Membrane. <i>Journal of Biological Chemistry</i> , 2012, 287, 22812-22821.	3.4	21
27	The adaptor protein NTAL enhances proximal signaling and potentiates corticosteroid-induced apoptosis in T-ALL. <i>Experimental Hematology</i> , 2012, 40, 379-385.	0.4	7
28	Association of CD99 short and long forms with MHC class I, MHC class II and tetraspanin CD81 and recruitment into immunological synapses. <i>BMC Research Notes</i> , 2011, 4, 293.	1.4	16
29	Interaction of Late Apoptotic and Necrotic Cells with Vitronectin. <i>PLoS ONE</i> , 2011, 6, e19243.	2.5	22
30	The effects of membrane compartmentalization of csk on TCR signaling. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , 2011, 1813, 367-376.	4.1	15
31	High expression of cytoskeletal protein drebrin in TEL/AML1pos B-cell precursor acute lymphoblastic leukemia identified by a novel monoclonal antibody. <i>Leukemia Research</i> , 2011, 35, 1111-1113.	0.8	13
32	PRR7 Is a Transmembrane Adaptor Protein Expressed in Activated T Cells Involved in Regulation of T Cell Receptor Signaling and Apoptosis. <i>Journal of Biological Chemistry</i> , 2011, 286, 19617-19629.	3.4	11
33	SCIMP, a Transmembrane Adaptor Protein Involved in Major Histocompatibility Complex Class II Signaling. <i>Molecular and Cellular Biology</i> , 2011, 31, 4550-4562.	2.3	63
34	Regulation of Src Family Kinases Involved in T Cell Receptor Signaling by Protein-tyrosine Phosphatase CD148. <i>Journal of Biological Chemistry</i> , 2011, 286, 22101-22112.	3.4	46
35	New Targets in Cytometric Investigation of Acute Leukemia Selected From Gene Profiling Studies. <i>Blood</i> , 2011, 118, 2536-2536.	1.4	0
36	LAT \hat{A} an important raft-associated transmembrane adaptor protein. Delivered on 6 July 2009 at the 34th FEBS Congress in Prague, Czech Republic. <i>FEBS Journal</i> , 2010, 277, 4383-4397.	4.7	7

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37	A New Type of Membrane Raft-Like Microdomains and Their Possible Involvement in TCR Signaling. <i>Journal of Immunology</i> , 2010, 184, 3689-3696.	0.8	37
38	Structurally Distinct Phosphatases CD45 and CD148 Both Regulate B Cell and Macrophage Immunoreceptor Signaling. <i>Immunity</i> , 2008, 28, 183-196.	14.3	140
39	Structural Basis for the Inhibition of Tyrosine Kinase Activity of ZAP-70. <i>Cell</i> , 2007, 129, 735-746.	28.9	217
40	Opposing Functions of the T Cell Receptor Kinase ZAP-70 in Immunity and Tolerance Differentially Titrate in Response to Nucleotide Substitutions. <i>Immunity</i> , 2007, 27, 912-926.	14.3	137
41	Intramolecular Regulatory Switch in ZAP-70: Analogy with Receptor Tyrosine Kinases. <i>Molecular and Cellular Biology</i> , 2005, 25, 4924-4933.	2.3	122
42	LIME. <i>Journal of Experimental Medicine</i> , 2003, 198, 1453-1462.	8.5	110
43	Non- α -T Cell Activation Linker (NTAL). <i>Journal of Experimental Medicine</i> , 2002, 196, 1617-1626.	8.5	192
44	Differential role of glycolipid-enriched membrane domains in glycoprotein VI- and integrin-mediated phospholipase $\text{C}\beta 2$ regulation in platelets. <i>Biochemical Journal</i> , 2002, 364, 755-765.	3.7	99
45	Interaction between two adapter proteins, PAG and EBP50: a possible link between membrane rafts and actin cytoskeleton. <i>FEBS Letters</i> , 2001, 507, 133-136.	2.8	106
46	The epitope recognized by pan-HLA class I-reactive monoclonal antibody W6/32 and its relationship to unusual stability of the HLA-B27/ $\beta 2$ -microglobulin complex. <i>Immunogenetics</i> , 2001, 53, 440-446.	2.4	26
47	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. <i>Journal of Experimental Medicine</i> , 2000, 191, 1591-1604.	8.5	447
48	GPI-microdomains: a role in signalling via immunoreceptors. <i>Trends in Immunology</i> , 1999, 20, 356-361.	7.5	253
49	Signal transduction in leucocytes via GPI-anchored proteins: an experimental artefact or an aspect of immunoreceptor function?. <i>Immunology Letters</i> , 1998, 63, 63-73.	2.5	71
50	T Cell Receptor Signalling Results in Rapid Tyrosine Phosphorylation of the Linker Protein LAT Present in Detergent-Resistant Membrane Microdomains. <i>Biochemical and Biophysical Research Communications</i> , 1998, 248, 356-360.	2.1	59