Karel Drbal

List of Publications by Year
in descending order

25 papers	1,331 citations	516710 16 h-index	610901 24 g-index
25 all docs	25 docs citations	25 times ranked	1693 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	CD molecules 2005: human cell differentiation molecules. Blood, 2005, 106, 3123-3126.	1.4	110
4	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
5	Genetically Encoded Fo\`rster Resonance Energy Transfer Sensors for the Conformation of the Src Family Kinase Lck. Journal of Immunology, 2009, 182, 2160-2167.	0.8	57
6	Selective Inhibition of T Cell Activation Via CD147 Through Novel Modulation of Lipid Rafts. Journal of Immunology, 2003, 171, 1707-1714.	0.8	47
7	Single-molecule microscopy reveals heterogeneous dynamics of lipid raft components upon TCR engagement. International Immunology, 2007, 19, 675-684.	4.0	46
8	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
9	Characterization of the Human Leukocyte GPI-Anchored Glycoprotein CDwl08 and its Relation to Other Similar Molecules. Immunobiology, 1999, 200, 234-245.	1.9	32
10	A Novel Anti-CD 18 mAb Recognizes an Activation-Related Epitope and Induces a High-Affinity Conformation in Leukocyte Integrins. Immunobiology, 2001, 203, 687-698.	1.9	29
11	The nature of the subset of MHC class II molecules carrying the CDw78 epitopes. International Immunology, 1999, 11, 491-498.	4.0	26
12	Folate Receptor Î² Regulates Integrin CD11b/CD18 Adhesion of a Macrophage Subset to Collagen. Journal of Immunology, 2016, 197, 2229-2238.	0.8	25
13	A proteolytically truncated form of free CD18, the common chain of leukocyte integrins, as a novel marker of activated myeloid cells. Blood, 2001, 98, 1561-1566.	1.4	23
14	The N-terminal Region and the Mid-region Complex of the Integrin Î²2 Subunit. Journal of Biological Chemistry, 2001, 276, 36370-36376.	3.4	22
15	Defining the repeating elements in the cysteine-rich region (CRR) of the CD18 integrin Î²2 subunit. FEBS Letters, 2001, 505, 27-30.	2.8	17
16	Human Leukocytes Contain a Large Pool of Free Forms of CD18. Biochemical and Biophysical Research Communications, 2000, 275, 295-299.	2.1	16
17	Use of flow cytometry to identify monoclonal antibodies that recognize conserved epitopes on orthologous leukocyte differentiation antigens in goats, lamas, and rabbits. Veterinary Immunology and Immunopathology, 2007, 119, 123-130.	1.2	16
18	Engagement of Na,K-ATPase beta3 subunit by a specific mAb suppresses T and B lymphocyte activation. International Immunology, 2002, 14, 1407-1414.	4.0	12

#	Article	IF	Citations
19	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
20	Different role for mouse and human CD3Î¯/É› heterodimer in preT cell receptor (preTCR) function: Human CD3Î¯/É› heterodimer restores the defective preTCR function in CD3Î³- and CD3Î³Î¯-deficient mice. Molecular Immunology, 2006, 43, 1741-1750.	2.2	10
21	Altered functional responsiveness of thymocyte subsets from CD3delta- deficient mice to TCR-CD3 engagement. International Immunology, 1998, 10, 1481-1490.	4.0	9
22	CDw149 antibodies recognize a clustered subset of CD47 molecules associated with cytoplasmic signaling molecules. Tissue Antigens, 2000, 56, 258-267.	1.0	6
23	Large-Scale Production and Characterization of Novel CD4+ Cytotoxic T Cells with Broad Tumor Specificity for Immunotherapy. Molecular Cancer Research, 2009, 7, 339-353.	3.4	5
24	The HLDA8 blind panel: Findings and conclusions. Journal of Immunological Methods, 2005, 305, 75-83.	1.4	4
25	A novel monoclonal reagent recognizing native and denatured V$beta;5.3-related chains of human T cell receptor. Immunology Letters, 2003, 88, 105-108.	2.5	0