

Rainer Prohaska

List of Publications by Year in descending order

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24
papers

1,700
citations

394421

19
h-index

610901

24
g-index

26
all docs

26
docs citations

26
times ranked

1846
citing authors

#	ARTICLE	IF	CITATIONS
1	Erythrocyte Glut1 Triggers Dehydroascorbic Acid Uptake in Mammals Unable to Synthesize Vitamin C. <i>Cell</i> , 2008, 132, 1039-1048.	28.9	225
2	Association of Stomatin with Lipid Bodies. <i>Journal of Biological Chemistry</i> , 2004, 279, 23699-23709.	3.4	213
3	Flotillin-1/Reggie-2 Traffics to Surface Raft Domains via a Novel Golgi-independent Pathway. <i>Journal of Biological Chemistry</i> , 2002, 277, 48834-48841.	3.4	200
4	Oligomeric Nature of the Integral Membrane Protein Stomatin. <i>Journal of Biological Chemistry</i> , 1998, 273, 17221-17226.	3.4	127
5	Overexpression of stomatin depresses GLUT-1 glucose transporter activity. <i>American Journal of Physiology - Cell Physiology</i> , 2001, 280, C1277-C1283.	4.6	103
6	Association of stomatin with lipid-protein complexes in the plasma membrane and the endocytic compartment. <i>European Journal of Cell Biology</i> , 1999, 78, 802-812.	3.6	90
7	Stomatin is a major lipid-raft component of platelet α granules. <i>Blood</i> , 2002, 100, 897-904.	1.4	90
8	Cloning and nucleotide sequence of cDNA encoding human erythrocyte band 7 integral membrane protein. <i>Biochimica Et Biophysica Acta Gene Regulatory Mechanisms</i> , 1991, 1090, 123-128.	2.4	70
9	Stomatin interacts with GLUT1/SLC2A1, band 3/SLC4A1, and aquaporin-1 in human erythrocyte membrane domains. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2013, 1828, 956-966.	2.6	70
10	Isolation and partial characterization of the human erythrocyte band 7 integral membrane protein. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1991, 1065, 195-202.	2.6	61
11	Identification of the phosphorylation site on human erythrocyte band 7 integral membrane protein: implications for a monotopic protein structure. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 1993, 1151, 149-152.	2.6	57
12	Characterization of the Stomatin Domain Involved in Homo-oligomerization and Lipid Raft Association. <i>Journal of Biological Chemistry</i> , 2006, 281, 23349-23356.	3.4	55
13	Cysteine 29 is the major palmitoylation site on stomatin. <i>FEBS Letters</i> , 1999, 449, 101-104.	2.8	49
14	Characterization of p40/GPR69A as a Peripheral Membrane Protein Related to the Lantibiotic Synthetase Component C. <i>Biochemical and Biophysical Research Communications</i> , 2000, 275, 69-74.	2.1	44
15	Brain, blood, and iron: Perspectives on the roles of erythrocytes and iron in neurodegeneration. <i>Neurobiology of Disease</i> , 2012, 46, 607-624.	4.4	39
16	Myristoylation of human LanC-like Protein 2 (LANCL2) is essential for the interaction with the plasma membrane and the increase in cellular sensitivity to adriamycin. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2006, 1758, 1759-1767.	2.6	38
17	Structure-function analysis of human stomatin: A mutation study. <i>PLoS ONE</i> , 2017, 12, e0178646.	2.5	34
18	Stomatin-like Protein-1 Interacts with Stomatin and Is Targeted to Late Endosomes. <i>Journal of Biological Chemistry</i> , 2009, 284, 29218-29229.	3.4	32

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19	The Organization of the Gene (EPB72) Encoding the Human Erythrocyte Band 7 Integral Membrane Protein (Protein 7.2b). <i>Genomics</i> , 1995, 30, 521-528.	2.9	25
20	Molecular Cloning, Characterization, and Tissue-Specific Expression of Human LANCL2, a Novel Member of the LanC-Like Protein Family. <i>DNA Sequence</i> , 2001, 12, 161-166.	0.7	20
21	Characterization of human red cell Rh (Rhesus-)specific polypeptides by limited proteolysis. <i>FEBS Letters</i> , 1987, 226, 105-108.	2.8	19
22	Acanthocytosis and the c.680 A>G Mutation in the PANK2 Gene: A Study Enrolling a Cohort of PKAN Patients from the Dominican Republic. <i>PLoS ONE</i> , 2015, 10, e0125861.	2.5	18
23	The presence of stomatin in detergent-insoluble domains of neutrophil granule membranes. <i>Journal of Leukocyte Biology</i> , 2002, 72, 970-7.	3.3	13
24	Drug-induced endovesiculation of erythrocytes is modulated by the dynamics in the cytoskeleton/membrane interaction. <i>Blood Cells, Molecules, and Diseases</i> , 2017, 64, 15-22.	1.4	8