

Reiner F Haseloff

List of Publications by Year in descending order

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Version: 2024-02-01

26
papers

1,733
citations

471509

17
h-index

677142

22
g-index

28
all docs

28
docs citations

28
times ranked

2570
citing authors

#	ARTICLE	IF	CITATIONS
1	Structure and function of claudins. <i>Biochimica Et Biophysica Acta - Biomembranes</i> , 2008, 1778, 631-645.	2.6	646
2	Transmembrane proteins of the tight junctions at the blood-brain barrier: Structural and functional aspects. <i>Seminars in Cell and Developmental Biology</i> , 2015, 38, 16-25.	5.0	269
3	Tight junction proteins at the blood-brain barrier: far more than claudin-5. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 1987-2002.	5.4	147
4	Occludin Protein Family: Oxidative Stress and Reducing Conditions. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1195-1219.	5.4	117
5	Claudin peptidomimetics modulate tissue barriers for enhanced drug delivery. <i>Annals of the New York Academy of Sciences</i> , 2017, 1397, 169-184.	3.8	58
6	Tight junctions in the blood-brain barrier promote edema formation and infarct size in stroke - Ambivalent effects of sealing proteins. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2021, 41, 132-145.	4.3	58
7	Evaluation of the titanium dioxide approach for MS analysis of phosphopeptides. <i>Journal of Mass Spectrometry</i> , 2006, 41, 1623-1632.	1.6	57
8	NO and Oxyradical Metabolism in New Cell Lines of Rat Brain Capillary Endothelial Cells Forming the Blood-Brain Barrier. <i>Microvascular Research</i> , 2001, 62, 114-127.	2.5	49
9	Cytotoxicity of spin trapping compounds. <i>FEBS Letters</i> , 1997, 418, 73-75.	2.8	46
10	Differential protein expression in brain capillary endothelial cells induced by hypoxia and posthypoxic reoxygenation. <i>Proteomics</i> , 2006, 6, 1803-1809.	2.2	46
11	Protein Markers of Ischemic Insult in Brain Endothelial Cells Identified Using 2D Gel Electrophoresis and ICAT-Based Quantitative Proteomics. <i>Journal of Proteome Research</i> , 2007, 6, 226-239.	3.7	40
12	Superoxide-Mediated Reduction of the Nitroxide Group Can Prevent Detection of Nitric Oxide by Nitronyl Nitroxides. <i>Free Radical Research</i> , 1997, 26, 7-17.	3.3	36
13	Protective effects of peroxiredoxin-1 at the injured blood-brain barrier. <i>Free Radical Biology and Medicine</i> , 2008, 45, 256-264.	2.9	32
14	Protective effects of the thiophosphate amifostine (WR 2721) and a lazaroid (U83836E) on lipid peroxidation in endothelial cells during hypoxia/reoxygenation. <i>Biochemical Pharmacology</i> , 1998, 56, 945-954.	4.4	27
15	Tight Junctions and Tissue Barriers. <i>Antioxidants and Redox Signaling</i> , 2011, 15, 1163-1166.	5.4	23
16	Redox Regulation of Cell Contacts by Tricellulin and Occludin: Redox-Sensitive Cysteine Sites in Tricellulin Regulate Both Tri- and Bicellular Junctions in Tissue Barriers as Shown in Hypoxia and Ischemia. <i>Antioxidants and Redox Signaling</i> , 2015, 23, 1035-1049.	5.4	22
17	Trictide, a tricellulin-derived peptide to overcome cellular barriers. <i>Annals of the New York Academy of Sciences</i> , 2017, 1405, 89-101.	3.8	18
18	Synthesis and Spin Trapping Applications of 2,2-Dimethyl-d6-4-methyl-2H-imidazole-1-oxide-1-15N. <i>Free Radical Research</i> , 1997, 26, 159-168.	3.3	11

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19	Depletion of highly abundant proteins from human cerebrospinal fluid: a cautionary note. <i>Molecular Neurodegeneration</i> , 2015, 10, 53.	10.8	11
20	Removal of albumin and immunoglobulins from canine cerebrospinal fluid using depletion kits: a feasibility study. <i>Fluids and Barriers of the CNS</i> , 2014, 11, 14.	5.0	6
21	MO1 as a novel drug enhancer for specifically targeting the blood-brain barrier.. <i>Journal of Controlled Release</i> , 2021, 338, 137-148.	9.9	6
22	Spin Trapping Using 2,2-Dimethyl-2H-Imidazole-1-Oxides. <i>Free Radical Research</i> , 1994, 20, 103-111.	3.3	5
23	Proteomics of Brain Endothelium: Separation of Proteins by Two-Dimensional Gel Electrophoresis and Identification by Mass Spectrometry. , 2003, 89, 465-478.		3
24	Conference Report: Third Symposium: Signal Transduction in the Blood-Brain Barrier September 22â€“24, 2000, Potsdam, Germany. <i>Endothelium: Journal of Endothelial Cell Research</i> , 2001, 8, 293-310.	1.7	0
25	Surrogate Cerebrospinal Fluid Biomarkers for Assessing the Efficacy of Gene Therapy in Hurler Syndrome. <i>Frontiers in Neurology</i> , 2021, 12, 640547.	2.4	0
26	Quantitative Evaluation of Different Protein Fractions of Cerebrospinal Fluid Using 18O Labeling. <i>Methods in Molecular Biology</i> , 2019, 2044, 119-128.	0.9	0