

Bernd Gesslbauer

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9532123/publications.pdf>

Version: 2024-02-01

37
papers

936
citations

471371

17
h-index

454834

30
g-index

38
all docs

38
docs citations

38
times ranked

1522
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantitative validation of different protein precipitation methods in proteome analysis of blood platelets. <i>Electrophoresis</i> , 2005, 26, 2481-2489.	1.3	99
2	Pleiotropic effects of oxidized phospholipids. <i>Free Radical Biology and Medicine</i> , 2017, 111, 6-24.	1.3	96
3	A proteomic snapshot of the human heat shock protein 90 interactome. <i>FEBS Letters</i> , 2005, 579, 6350-6354.	1.3	87
4	Characterization of the Chemokine CXCL11-Heparin Interaction Suggests Two Different Affinities for Glycosaminoglycans. <i>Journal of Biological Chemistry</i> , 2010, 285, 17713-17724.	1.6	54
5	Endotoxin causes functional endoplasmic reticulum failure, possibly mediated by mitochondria. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , 2009, 1792, 521-530.	1.8	48
6	SERF Protein Is a Direct Modifier of Amyloid Fiber Assembly. <i>Cell Reports</i> , 2012, 2, 358-371.	2.9	46
7	Proteomic profiling of human stem cells derived from umbilical cord blood. <i>Biochemical and Biophysical Research Communications</i> , 2005, 328, 968-972.	1.0	39
8	Reversible Oxidation of a Conserved Methionine in the Nuclear Export Sequence Determines Subcellular Distribution and Activity of the Fungal Nitrate Regulator NirA. <i>PLoS Genetics</i> , 2015, 11, e1005297.	1.5	37
9	Proteoglycanomics: tools to unravel the biological function of glycosaminoglycans. <i>Proteomics</i> , 2007, 7, 2870-2880.	1.3	36
10	A Combinatorial Approach to Biophysically Characterise Chemokine-Glycan Binding Affinities for Drug Development. <i>Molecules</i> , 2014, 19, 10618-10634.	1.7	36
11	Structure-based design of decoy chemokines as a way to explore the pharmacological potential of glycosaminoglycans. <i>British Journal of Pharmacology</i> , 2012, 167, 1195-1205.	2.7	35
12	A proteomic approach towards the Hsp90-dependent ubiquitinated proteome. <i>Proteomics</i> , 2007, 7, 2375-2383.	1.3	32
13	Comparative membrane proteome analysis of three <i>Orreelia</i> species. <i>Proteomics</i> , 2012, 12, 845-858.	1.3	28
14	Preliminary 2-D chromatographic investigation of the human stem cell proteome. <i>Biochemical and Biophysical Research Communications</i> , 2003, 310, 483-490.	1.0	25
15	Glycanogenomics: A qPCR-approach to investigate biological glycan function. <i>Biochemical and Biophysical Research Communications</i> , 2008, 375, 297-302.	1.0	23
16	Glycosaminoglycan-Mediated Downstream Signaling of CXCL8 Binding to Endothelial Cells. <i>International Journal of Molecular Sciences</i> , 2017, 18, 2605.	1.8	21
17	Exploring the glycosaminoglycan-protein interaction network by glycan-mediated pull-down proteomics. <i>Electrophoresis</i> , 2016, 37, 1437-1447.	1.3	18
18	Structural Fuzziness of the RNA-Organizing Protein SERF Determines a Toxic Gain-of-interaction. <i>Journal of Molecular Biology</i> , 2020, 432, 930-951.	2.0	18

#	ARTICLE	IF	CITATIONS
19	Proteome analysis of rat liver mitochondria reveals a possible compensatory response to endotoxic shock. <i>FEBS Letters</i> , 2006, 580, 1257-1262.	1.3	17
20	Selective Irreversible Inhibition of Neuronal and Inducible Nitric-oxide Synthase in the Combined Presence of Hydrogen Sulfide and Nitric Oxide. <i>Journal of Biological Chemistry</i> , 2015, 290, 24932-24944.	1.6	16
21	Synergy between 15-lipoxygenase and secreted PLA2 promotes inflammation by formation of TLR4 agonists from extracellular vesicles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2020, 117, 25679-25689.	3.3	15
22	Transcriptional pattern analysis of adrenergic immunoregulation in mice. Twelve hours norepinephrine treatment alters the expression of a set of genes involved in monocyte activation and leukocyte trafficking. <i>Journal of Neuroimmunology</i> , 2004, 155, 136-142.	1.1	13
23	Impairment of endoplasmic reticulum in liver as an early consequence of the systemic inflammatory response in rats. <i>American Journal of Physiology - Renal Physiology</i> , 2012, 303, G1373-G1383.	1.6	13
24	Biochemical targets of drugs mitigating oxidative stress via redox-independent mechanisms. <i>Biochemical Society Transactions</i> , 2017, 45, 1225-1252.	1.6	12
25	Unbiased Identification of Proteins Covalently Modified by Complex Mixtures of Peroxidized Lipids Using a Combination of Electrophoretic Mobility Band Shift with Mass Spectrometry. <i>Antioxidants</i> , 2018, 7, 116.	2.2	10
26	Glycomic approaches toward drug development: therapeutically exploring the glycosaminoglycanome. <i>Current Opinion in Molecular Therapeutics</i> , 2006, 8, 521-8.	2.8	10
27	New targets for glycosaminoglycans and glycosaminoglycans as novel targets. <i>Expert Review of Proteomics</i> , 2013, 10, 77-95.	1.3	9
28	Therapeutic strategies to target microbial protein-glycosaminoglycan interactions. <i>Biochemical Society Transactions</i> , 2018, 46, 1505-1515.	1.6	7
29	Modulation of nitric oxide-stimulated soluble guanylyl cyclase activity by cytoskeleton-associated proteins in vascular smooth muscle. <i>Biochemical Pharmacology</i> , 2018, 156, 168-176.	2.0	6
30	Molecular dynamics simulations of the chemokine CCL2 in complex with pull down-derived heparan sulfate hexasaccharides. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2019, 1863, 528-533.	1.1	5
31	Lessons from the Stem Cell Proteome. <i>Current Stem Cell Research and Therapy</i> , 2006, 1, 395-409.	0.6	5
32	Stabilization of Angiotensin-(1-7) in Cardioprotective Solutions. <i>International Journal of Peptide Research and Therapeutics</i> , 2019, 25, 1271-1278.	0.9	4
33	Oxidized phospholipids on alkyl-amide scaffold demonstrate anti-endotoxin and endothelial barrier-protective properties. <i>Free Radical Biology and Medicine</i> , 2021, 174, 264-271.	1.3	4
34	MMTV accessory factor Naf affects cellular gene expression. <i>Virology</i> , 2006, 346, 139-150.	1.1	3
35	Coimmunoprecipitation and Proteomic Analyses. <i>Methods in Molecular Biology</i> , 2008, 439, 291-308.	0.4	2
36	Profiling the Membrane and Glycosaminoglycan-Binding Proteomes of <i>Moraxella catarrhalis</i> . <i>Journal of Proteome Research</i> , 2016, 15, 3055-3097.	1.8	2

#	ARTICLE	IF	CITATIONS
37	Small Things Matter: The 11.6-kDa TraB Protein is Crucial for Antibiotic Resistance Transfer Among Enterococci. <i>Frontiers in Molecular Biosciences</i> , 2022, 9, 867136.	1.6	2