

Gerhard Schwall

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

627
citations

623734

14
h-index

839539

18
g-index

19
all docs

19
docs citations

19
times ranked

744
citing authors

#	ARTICLE	IF	CITATIONS
1	Breast cancer proteomics reveals correlation between estrogen receptor status and differential phosphorylation of PGRMC1. <i>Breast Cancer Research</i> , 2008, 10, R85.	5.0	113
2	Breast cancer proteomics by laser capture microdissection, sample pooling, 54-cm IPG IEF, and differential iodine radioisotope detection. <i>Electrophoresis</i> , 2006, 27, 1840-1852.	2.4	67
3	Comparative Profiling of the Mammalian Mitochondrial Proteome: Multiple Aconitase-2 Isoforms Including N-formylkynurenine Modifications as Part of a Protein Biomarker Signature for Reactive Oxidative Species. <i>Journal of Proteome Research</i> , 2006, 5, 625-633.	3.7	64
4	Differential radioactive quantification of protein abundance ratios between benign and malignant prostate tissues: Cancer association of annexin A3. <i>Proteomics</i> , 2007, 7, 313-322.	2.2	57
5	BACE-1 is expressed in the blood-brain barrier endothelium and is upregulated in a murine model of Alzheimer's disease. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2016, 36, 1281-1294.	4.3	53
6	Analysis of relative isotopologue abundances for quantitative profiling of complex protein mixtures labelled with the acrylamide/D ₃ -acrylamide alkylation tag system. <i>Rapid Communications in Mass Spectrometry</i> , 2003, 17, 1283-1290.	1.5	44
7	Determination of Fractional Synthesis Rates of Mouse Hepatic Proteins via Metabolic ¹³ C-Labeling, MALDI-TOF MS and Analysis of Relative Isotopologue Abundances Using Average Masses. <i>Analytical Chemistry</i> , 2005, 77, 2034-2042.	6.5	34
8	Molecular Analysis of Homocysteic Acid-Induced Neuronal Stress. <i>Journal of Proteome Research</i> , 2004, 3, 572-581.	3.7	33
9	Differential Radioactive Proteomic Analysis of Microdissected Renal Cell Carcinoma Tissue by 54 cm Isoelectric Focusing in Serial Immobilized pH Gradient Gels. <i>Journal of Proteome Research</i> , 2005, 4, 2117-2125.	3.7	33
10	Yeast Surface Display in Combination with Fluorescence-activated Cell Sorting Enables the Rapid Isolation of Antibody Fragments Derived from Immunized Chickens. <i>Biotechnology Journal</i> , 2019, 14, 1800466.	3.5	30
11	Isoelectric focusing in serial immobilized pH gradient gels to improve protein separation in proteomic analysis. <i>Electrophoresis</i> , 2005, 26, 3185-3190.	2.4	26
12	Protein Biomarkers for <i>in Vitro</i> Testing of Embryotoxicity. <i>Journal of Proteome Research</i> , 2010, 9, 5727-5738.	3.7	22
13	Analysis of free chlorine in aqueous solution at very low concentration with lateral flow tests. <i>Scientific Reports</i> , 2019, 9, 17212.	3.3	16
14	Unexpected common mechanistic pathways for embryotoxicity of warfarin and lovastatin. <i>Reproductive Toxicology</i> , 2010, 30, 121-130.	2.9	14
15	Carbohydrate binding module-fused antibodies improve the performance of cellulose-based lateral flow immunoassays. <i>Scientific Reports</i> , 2021, 11, 7880.	3.3	12
16	Determination of lectin characteristics by a novel agglutination technique. <i>Analytical Biochemistry</i> , 1992, 205, 251-256.	2.4	6
17	Hexadecanedionic Acid-Sepharose 4B: A New Tool for Preparation of Albumin-Depleted Plasma. <i>Journal of Proteome Research</i> , 2006, 5, 3453-3458.	3.7	2
18	Metabolically stable isotope labeling prior to electrophoretic protein separation reveals differences in fractional synthesis rates between mitochondrial aldehyde dehydrogenase isoforms. <i>Journal of Chromatography A</i> , 2007, 1161, 67-70.	3.7	1

#	ARTICLE	IF	CITATIONS
19	Identification of <i>NQO1</i> and ferrochelatase as interaction partners for neuroprotective <i>N</i> -(4-(phenylpiperazin-1-yl)ethyl)phenylamides. <i>Chemical Biology and Drug Design</i> , 2018, 90, 1393-1397.		