

Jerome Garin

List of Publications by Year in descending order

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72
papers

11,379
citations

50276

46
h-index

82547

72
g-index

73
all docs

73
docs citations

73
times ranked

14447
citing authors

#	ARTICLE	IF	CITATIONS
1	Mass Spectrometry-Based Proteomics Reveal Alcohol Dehydrogenase 1B as a Blood Biomarker Candidate to Monitor Acetaminophen-Induced Liver Injury. <i>International Journal of Molecular Sciences</i> , 2021, 22, 11071.	4.1	1
2	Multiplex and accurate quantification of acute kidney injury biomarker candidates in urine using Protein Standard Absolute Quantification (PSAQ) and targeted proteomics. <i>Talanta</i> , 2017, 164, 77-84.	5.5	24
3	Introducing plasma/serum glycodepletion for the targeted proteomics analysis of cytolysis biomarkers. <i>Talanta</i> , 2017, 170, 473-480.	5.5	7
4	Large-Scale SRM Screen of Urothelial Bladder Cancer Candidate Biomarkers in Urine. <i>Journal of Proteome Research</i> , 2017, 16, 1617-1631.	3.7	25
5	<i>DIGESTIF</i>: A Universal Quality Standard for the Control of Bottom-Up Proteomics Experiments. <i>Journal of Proteome Research</i> , 2015, 14, 787-803.	3.7	24
6	Mass Spectrometry-based Workflow for Accurate Quantification of Escherichia coli Enzymes: How Proteomics Can Play a Key Role in Metabolic Engineering. <i>Molecular and Cellular Proteomics</i> , 2014, 13, 954-968.	3.8	14
7	An Extended Proteome Map of the Lysosomal Membrane Reveals Novel Potential Transporters. <i>Molecular and Cellular Proteomics</i> , 2013, 12, 1572-1588.	3.8	172
8	Accurate Quantification of Cardiovascular Biomarkers in Serum Using Protein Standard Absolute Quantification (PSAQ [®]) and Selected Reaction Monitoring. <i>Molecular and Cellular Proteomics</i> , 2012, 11, M111.008235.	3.8	71
9	Proteomic strategy for the identification of critical actors in reorganization of the post-meiotic male genome. <i>Molecular Human Reproduction</i> , 2012, 18, 1-13.	2.8	21
10	Introducing AAA-MS, a Rapid and Sensitive Method for Amino Acid Analysis Using Isotope Dilution and High-Resolution Mass Spectrometry. <i>Journal of Proteome Research</i> , 2012, 11, 3929-3936.	3.7	20
11	PSAQ [®] standards for accurate MS ² -based quantification of proteins: from the concept to biomedical applications. <i>Journal of Mass Spectrometry</i> , 2012, 47, 1353-1363.	1.6	68
12	Proteomic Analysis of S-Acylated Proteins in Human B Cells Reveals Palmitoylation of the Immune Regulators CD20 and CD23. <i>PLoS ONE</i> , 2012, 7, e37187.	2.5	47
13	Mass spectrometry ² -based absolute protein quantification: PSAQ [®] strategy makes use of ² noncanonical ² -proteotypic peptides. <i>Proteomics</i> , 2012, 12, 1217-1221.	2.2	28
14	Activated leukocyte cell adhesion molecule modulates neurotrophin signaling. <i>Journal of Neurochemistry</i> , 2012, 121, 575-586.	3.9	14
15	Development of a Protein Standard Absolute Quantification (PSAQ [®]) assay for the quantification of Staphylococcus aureus enterotoxin A in serum. <i>Journal of Proteomics</i> , 2012, 75, 3041-3049.	2.4	39
16	Toward a standardized urine proteome analysis methodology. <i>Proteomics</i> , 2011, 11, 1160-1171.	2.2	56
17	Investigating the plant response to cadmium exposure by proteomic and metabolomic approaches. <i>Proteomics</i> , 2011, 11, 1650-1663.	2.2	168
18	Production and Use of Stable Isotope-Labeled Proteins for Absolute Quantitative Proteomics. <i>Methods in Molecular Biology</i> , 2011, 753, 93-115.	0.9	43

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19	Chloroplast proteomics highlights the subcellular compartmentation of lipid metabolism. <i>Progress in Lipid Research</i> , 2010, 49, 128-158.	11.6	153
20	AT_CHLORO, a Comprehensive Chloroplast Proteome Database with Subplastidial Localization and Curated Information on Envelope Proteins. <i>Molecular and Cellular Proteomics</i> , 2010, 9, 1063-1084.	3.8	425
21	A Proteomic Survey of <i>Chlamydomonas reinhardtii</i> Mitochondria Sheds New Light on the Metabolic Plasticity of the Organelle and on the Nature of the \hat{A} -Proteobacterial Mitochondrial Ancestor. <i>Molecular Biology and Evolution</i> , 2009, 26, 1533-1548.	8.9	172
22	Isotope dilution strategies for absolute quantitative proteomics. <i>Journal of Proteomics</i> , 2009, 72, 740-749.	2.4	292
23	Chloroplast Proteomics and the Compartmentation of Plastidial Isoprenoid Biosynthetic Pathways. <i>Molecular Plant</i> , 2009, 2, 1154-1180.	8.3	199
24	Peptide Storage: Are You Getting the Best Return on Your Investment? Defining Optimal Storage Conditions for Proteomics Samples. <i>Journal of Proteome Research</i> , 2009, 8, 3778-3785.	3.7	50
25	Prospects for monolithic nano-LC columns in shotgun proteomics. <i>Analytical and Bioanalytical Chemistry</i> , 2008, 392, 1291-1297.	3.7	16
26	Protein Standard Absolute Quantification (PSAQ) for improved investigation of staphylococcal food poisoning outbreaks. <i>Proteomics</i> , 2008, 8, 4633-4636.	2.2	121
27	Influence of mass resolution on species matching in accurate mass and retention time (AMT) tag proteomics experiments. <i>Rapid Communications in Mass Spectrometry</i> , 2008, 22, 986-992.	1.5	13
28	Purification of <i>Toxoplasma dense granule</i> proteins reveals that they are in complexes throughout the secretory pathway. <i>Molecular and Biochemical Parasitology</i> , 2008, 157, 13-21.	1.1	49
29	High-density rafts preferentially host the complement activator measles virus F glycoprotein but not the regulators of complement activation. <i>Molecular Immunology</i> , 2008, 45, 3036-3044.	2.2	7
30	PepLine: A Software Pipeline for High-Throughput Direct Mapping of Tandem Mass Spectrometry Data on Genomic Sequences. <i>Journal of Proteome Research</i> , 2008, 7, 1873-1883.	3.7	28
31	Regulation of the V-ATPase along the Endocytic Pathway Occurs through Reversible Subunit Association and Membrane Localization. <i>PLoS ONE</i> , 2008, 3, e2758.	2.5	168
32	A Proteomics Dissection of <i>Arabidopsis thaliana</i> Vacuoles Isolated from Cell Culture. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 394-412.	3.8	294
33	A High Content in Lipid-modified Peripheral Proteins and Integral Receptor Kinases Features in the <i>Arabidopsis</i> Plasma Membrane Proteome. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 1980-1996.	3.8	128
34	Pericentric heterochromatin reprogramming by new histone variants during mouse spermiogenesis. <i>Journal of Cell Biology</i> , 2007, 176, 283-294.	5.2	261
35	^{15}N -Metabolic labeling for comparative plasma membrane proteomics in <i>Arabidopsis</i> cells. <i>Proteomics</i> , 2007, 7, 750-754.	2.2	68
36	Isotope-labeled Protein Standards. <i>Molecular and Cellular Proteomics</i> , 2007, 6, 2139-2149.	3.8	409

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37	Intracellular localization of p40, a protein identified in a preparation of lysosomal membranes. <i>Biochemical Journal</i> , 2006, 395, 39-47.	3.7	16
38	The early responses of <i>Arabidopsis thaliana</i> cells to cadmium exposure explored by protein and metabolite profiling analyses. <i>Proteomics</i> , 2006, 6, 2180-2198.	2.2	348
39	Proteomic analysis of the eukaryotic parasite <i>Encephalitozoon cuniculi</i> (microsporidia): a reference map for proteins expressed in late sporogonial stages. <i>Proteomics</i> , 2006, 6, 3625-3635.	2.2	47
40	Protein Arginylation in Rat Brain Cytosol: A Proteomic Analysis. <i>Neurochemical Research</i> , 2006, 31, 401-409.	3.3	27
41	Dynamics of <i>Arabidopsis thaliana</i> soluble proteome in response to different nutrient culture conditions. <i>Electrophoresis</i> , 2006, 27, 495-507.	2.4	24
42	An Optimized Strategy for ICAT Quantification of Membrane Proteins. <i>Molecular and Cellular Proteomics</i> , 2006, 5, 68-78.	3.8	30
43	Pyruvate Formate-lyase and a Novel Route of Eukaryotic ATP Synthesis in <i>Chlamydomonas Mitochondria</i> *. <i>Journal of Biological Chemistry</i> , 2006, 281, 9909-9918.	3.4	118
44	β -Secretase-Dependent Proteolysis of CD44 Promotes Neoplastic Transformation of Rat Fibroblastic Cells. <i>Cancer Research</i> , 2006, 66, 3681-3687.	0.9	40
45	Dendritic cell derived-exosomes: biology and clinical implementations. <i>Journal of Leukocyte Biology</i> , 2006, 80, 471-478.	3.3	117
46	A versatile method for deciphering plant membrane proteomes. <i>Journal of Experimental Botany</i> , 2006, 57, 1579-1589.	4.8	33
47	Histone-Modifying Complexes Regulate Gene Expression Pertinent to the Differentiation of the Protozoan Parasite <i>Toxoplasma gondii</i> . <i>Molecular and Cellular Biology</i> , 2005, 25, 10301-10314.	2.3	172
48	Identification of proteins binding the native tubulin dimer. <i>Biochemical and Biophysical Research Communications</i> , 2005, 327, 35-42.	2.1	24
49	Identification of New Intrinsic Proteins in <i>Arabidopsis</i> Plasma Membrane Proteome. <i>Molecular and Cellular Proteomics</i> , 2004, 3, 675-691.	3.8	233
50	Analysis of the proteins targeted by CDSP32, a plastidic thioredoxin participating in oxidative stress responses. <i>Plant Journal</i> , 2004, 41, 31-42.	5.7	143
51	The hydrophobic proteome of mitochondrial membranes from <i>Arabidopsis</i> cell suspensions. <i>Phytochemistry</i> , 2004, 65, 1693-1707.	2.9	135
52	Expression profiling of genes and proteins in HaCaT keratinocytes: Proliferating versus differentiated state. <i>Journal of Cellular Biochemistry</i> , 2004, 93, 1048-1062.	2.6	20
53	Proteomics of chloroplast envelope membranes. <i>Photosynthesis Research</i> , 2003, 78, 205-230.	2.9	63
54	The Mammalian Passenger Protein TD-60 Is an RCC1 Family Member with an Essential Role in Prometaphase to Metaphase Progression. <i>Developmental Cell</i> , 2003, 5, 295-307.	7.0	122

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55	Proteomics of the Chloroplast Envelope Membranes from <i>Arabidopsis thaliana</i> . <i>Molecular and Cellular Proteomics</i> , 2003, 2, 325-345.	3.8	405
56	Integral membrane proteins of the chloroplast envelope: Identification and subcellular localization of new transporters. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11487-11492.	7.1	241
57	Identification in <i>Saccharomyces cerevisiae</i> of a New Stable Variant of Alkyl Hydroperoxide Reductase 1 (Ahp1) Induced by Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2002, 277, 4823-4830.	3.4	21
58	Non-canonical Transit Peptide for Import into the Chloroplast. <i>Journal of Biological Chemistry</i> , 2002, 277, 47770-47778.	3.4	154
59	A survey of the plant mitochondrial proteome in relation to development. <i>Proteomics</i> , 2002, 2, 880.	2.2	152
60	Proteomic analysis of human lysosomes: Application to monocytic and breast cancer cells. <i>Proteomics</i> , 2002, 2, 1026.	2.2	97
61	Distinct protein patterns associated with <i>Listeria monocytogenes</i> InIA- or InIB-phagosomes. <i>Cellular Microbiology</i> , 2002, 4, 101-115.	2.1	85
62	Proteomic Analysis of Dendritic Cell-Derived Exosomes: A Secreted Subcellular Compartment Distinct from Apoptotic Vesicles. <i>Journal of Immunology</i> , 2001, 166, 7309-7318.	0.8	1,360
63	The Phagosome Proteome. <i>Journal of Cell Biology</i> , 2001, 152, 165-180.	5.2	665
64	Flotillin-1-enriched Lipid Raft Domains Accumulate on Maturing Phagosomes. <i>Journal of Biological Chemistry</i> , 2001, 276, 18507-18512.	3.4	275
65	Calcium-dependent secretion in human neutrophils: A proteomic approach. <i>Electrophoresis</i> , 2000, 21, 665-672.	2.4	111
66	Organic solvent extraction as a versatile procedure to identify hydrophobic chloroplast membrane proteins. <i>Electrophoresis</i> , 2000, 21, 3517-3526.	2.4	152
67	Yap1 and Skn7 Control Two Specialized Oxidative Stress Response Regulons in Yeast. <i>Journal of Biological Chemistry</i> , 1999, 274, 16040-16046.	3.4	489
68	Molecular Characterization of Dendritic Cell-Derived Exosomes. <i>Journal of Cell Biology</i> , 1999, 147, 599-610.	5.2	950
69	Differential extraction of hydrophobic proteins from chloroplast envelope membranes: a subcellular-specific proteomic approach to identify rare intrinsic membrane proteins. <i>Plant Journal</i> , 1999, 19, 217-228.	5.7	100
70	Towards the recovery of hydrophobic proteins on two-dimensional electrophoresis gels. <i>Electrophoresis</i> , 1999, 20, 705-711.	2.4	153
71	Two-dimensional electrophoresis of human placental mitochondria and protein identification by mass spectrometry: Toward a human mitochondrial proteome. <i>Electrophoresis</i> , 1998, 19, 1006-1014.	2.4	218
72	New zwitterionic detergents improve the analysis of membrane proteins by two-dimensional electrophoresis. <i>Electrophoresis</i> , 1998, 19, 1901-1909.	2.4	344