

# Martin R Larsen

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

169  
papers

8,672  
citations

48  
h-index

90  
g-index

175  
ext. papers

9,889  
ext. citations

5.3  
avg, IF

6  
L-index

#	Paper	IF	Citations
169	Quantitative proteomic study reveals differential expression of matricellular proteins between fibrous dysplasia and cemento-ossifying fibroma pathogenesis.. <i>Journal of Oral Pathology and Medicine</i> , <b>2022</b> ,	3.3	0
168	The impact of Zika virus exposure on the placental proteomic profile. <i>Biochimica Et Biophysica Acta - Molecular Basis of Disease</i> , <b>2022</b> , 1868, 166270	6.9	
167	Characterization of Differentially Abundant Proteins Among Strains Isolated From Atypical or Typical Lesions.. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2022</b> , 12, 824968	5.9	
166	Exportin 1 modulates life span by regulating nucleolar dynamics via the autophagy protein LGG-1/GABARAP.. <i>Science Advances</i> , <b>2022</b> , 8, eabj1604	14.3	0
165	Comprehensive proteomics and sialomics of the anti-proliferative activity of safranal on triple negative MDA-MB-231 breast cancer cell lines.. <i>Journal of Proteomics</i> , <b>2022</b> , 259, 104539	3.9	0
164	DIPG-07. Preclinical and case study results underpinning the phase II clinical trial testing the combination of ONC201 and paxalisib for the treatment of patients with diffuse midline glioma (NCT05009992). <i>Neuro-Oncology</i> , <b>2022</b> , 24, i18-i19	1	
163	A protein-centric view of in vitro biological model systems for schizophrenia. <i>Stem Cells</i> , <b>2021</b> , 39, 1569-1578	15.7	
162	Effect of APOB polymorphism rs562338 (G/A) on serum proteome of coronary artery disease patients: a "proteogenomic" approach. <i>Scientific Reports</i> , <b>2021</b> , 11, 22766	4.9	
161	MYC regulates metabolism through vesicular transfer of glycolytic kinases. <i>Open Biology</i> , <b>2021</b> , 11, 210276	7.6	0
160	HDL proteome remodeling associates with COVID-19 severity. <i>Journal of Clinical Lipidology</i> , <b>2021</b> ,	4.9	5
159	A Proteomic Atlas of Lineage and Cancer-Polarized Expression Modules in Myeloid Cells Modeling Immunosuppressive Tumor-Infiltrating Subsets. <i>Journal of Personalized Medicine</i> , <b>2021</b> , 11,	3.6	1
158	Divalent Metal Transporter 1 Knock-Down Modulates IL-1 $\beta$ Mediated Pancreatic Beta-Cell Pro-Apoptotic Signaling Pathways through the Autophagic Machinery. <i>International Journal of Molecular Sciences</i> , <b>2021</b> , 22,	6.3	1
157	Ultraviolet Photodissociation of Protonated Peptides and Proteins Can Proceed with H/D Scrambling. <i>Analytical Chemistry</i> , <b>2021</b> , 93, 691-696	7.8	2
156	Identification of SRSF10 as a regulator of SMN2 ISS-N1. <i>Human Mutation</i> , <b>2021</b> , 42, 246-260	4.7	3
155	Quantitative phosphoproteomics uncovers synergy between DNA-PK and FLT3 inhibitors in acute myeloid leukaemia. <i>Leukemia</i> , <b>2021</b> , 35, 1782-1787	10.7	9
154	The phosphoproteome of rice leaves responds to water and nitrogen supply. <i>Molecular Omics</i> , <b>2021</b> , 17, 706-718	4.4	1
153	N-Glycosylation in isolated rat nerve terminals. <i>Molecular Omics</i> , <b>2021</b> , 17, 517-532	4.4	1

152	CSF proteome in multiple sclerosis subtypes related to brain lesion transcriptomes. <i>Scientific Reports</i> , <b>2021</b> , 11, 4132	4.9	2
151	Linking inherent O-Linked Protein Glycosylation of YghJ to Increased Antigen Potential. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2021</b> , 11, 705468	5.9	
150	Pharmacological inhibition of mitochondrial soluble adenylyl cyclase in astrocytes causes activation of AMP-activated protein kinase and induces breakdown of glycogen. <i>Glia</i> , <b>2021</b> , 69, 2828-2844	9	4
149	Systems-wide analysis of glycoprotein conformational changes by limited deglycosylation assay. <i>Journal of Proteomics</i> , <b>2021</b> , 248, 104355	3.9	1
148	HSPB1 influences mitochondrial respiration in ER-stressed beta cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , <b>2021</b> , 1869, 140680	4	0
147	Long Term Response to Circulating Angiogenic Cells, Unstimulated or Atherosclerotic Pre-Conditioned, in Critical Limb Ischemic Mice. <i>Biomedicines</i> , <b>2021</b> , 9,	4.8	1
146	The heart arrhythmia-linked D130G calmodulin mutation causes premature inhibitory autophosphorylation of CaMKII. <i>Biochimica Et Biophysica Acta - Molecular Cell Research</i> , <b>2021</b> , 1868, 119119	4.9	1
145	Comprehensive Protocol to Simultaneously Study Protein Phosphorylation, Acetylation, and N-Linked Sialylated Glycosylation. <i>Methods in Molecular Biology</i> , <b>2021</b> , 2261, 55-72	1.4	1
144	Resolution of NASH and hepatic fibrosis by the GLP-1R/GcgR dual-agonist Cotadutide via modulating mitochondrial function and lipogenesis. <i>Nature Metabolism</i> , <b>2020</b> , 2, 413-431	14.6	47
143	Depolarization-dependent Induction of Site-specific Changes in Sialylation on linked Glycoproteins in Rat Nerve Terminals. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 1418-1435	7.6	7
142	Standardization and harmonization of distributed multi-center proteotype analysis supporting precision medicine studies. <i>Nature Communications</i> , <b>2020</b> , 11, 5248	17.4	13
141	Serum Proteomics Reveals Alterations in Protease Activity, Axon Guidance, and Visual Phototransduction Pathways in Infants With Exposure to Zika Virus Without Congenital Zika Syndrome. <i>Frontiers in Cellular and Infection Microbiology</i> , <b>2020</b> , 10, 577819	5.9	4
140	Cellular Imprinting Proteomics Assay: A Novel Method for Detection of Neural and Ocular Disorders Applied to Congenital Zika Virus Syndrome. <i>Journal of Proteome Research</i> , <b>2020</b> , 19, 4496-4515	5.6	5
139	Glutamate-glutamine homeostasis is perturbed in neurons and astrocytes derived from patient iPSC models of frontotemporal dementia. <i>Molecular Brain</i> , <b>2020</b> , 13, 125	4.5	8
138	Proteomic changes during experimental de- and remyelination in the corpus callosum. <i>PLoS ONE</i> , <b>2020</b> , 15, e0230249	3.7	5
137	Characterization of Signaling Pathways Associated with Pancreatic Cell Adaptive Flexibility in Compensation of Obesity-linked Diabetes in Mice. <i>Molecular and Cellular Proteomics</i> , <b>2020</b> , 19, 971-993	7.6	12
136	Proteomic signatures of neuroinflammation in Alzheimer's disease, multiple sclerosis and ischemic stroke. <i>Expert Review of Proteomics</i> , <b>2019</b> , 16, 601-611	4.2	6
135	First-trimester proteomic profiling identifies novel predictors of gestational diabetes mellitus. <i>PLoS ONE</i> , <b>2019</b> , 14, e0214457	3.7	14

134	Proteomics insights into the responses of <i>Saccharomyces cerevisiae</i> during mixed-culture alcoholic fermentation with <i>Lachancea thermotolerans</i> . <i>FEMS Microbiology Ecology</i> , <b>2019</b> , 95,	4.3	12
133	Proteomic Analysis of Restored Insulin Production and Trafficking in Obese Diabetic Mouse Pancreatic Islets Following Euglycemia. <i>Journal of Proteome Research</i> , <b>2019</b> , 18, 3245-3258	5.6	12
132	Mutation Causes Metabolic Disturbances and Impaired Survival of Human iPSC-Derived Neurons. <i>Frontiers in Cellular Neuroscience</i> , <b>2019</b> , 13, 297	6.1	29
131	A Systems-level Characterization of the Differentiation of Human Embryonic Stem Cells into Mesenchymal Stem Cells. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, 1950-1966	7.6	9
130	Ageing and amyloidosis underlie the molecular and pathological alterations of tau in a mouse model of familial Alzheimer's disease. <i>Scientific Reports</i> , <b>2019</b> , 9, 15758	4.9	8
129	Proteomic Profiling of Mouse Epididymosomes Reveals their Contributions to Post-testicular Sperm Maturation. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, S91-S108	7.6	66
128	Integrated Proteomics Reveals Apoptosis-related Mechanisms Associated with Placental Malaria. <i>Molecular and Cellular Proteomics</i> , <b>2019</b> , 18, 182-199	7.6	9
127	Dynamic Changes in the Protein Localization in the Nuclear Environment in Pancreatic $\beta$ Cell after Brief Glucose Stimulation. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1664-1676	5.6	4
126	Development of a Neo-Epitope Specific Assay for Serological Assessment of Type VII Collagen Turnover and Its Relevance in Fibroproliferative Disorders. <i>Assay and Drug Development Technologies</i> , <b>2018</b> , 16, 123-131	2.1	3
125	A Targeted LC-MS Strategy for Low-Abundant HLA Class-I-Presented Peptide Detection Identifies Novel Human Papillomavirus T-Cell Epitopes. <i>Proteomics</i> , <b>2018</b> , 18, e1700390	4.8	18
124	How many human proteoforms are there?. <i>Nature Chemical Biology</i> , <b>2018</b> , 14, 206-214	11.7	324
123	Characterizing disease-associated changes in post-translational modifications by mass spectrometry. <i>Expert Review of Proteomics</i> , <b>2018</b> , 15, 245-258	4.2	28
122	Characterization of Macrophage Endogenous S-Nitrosoproteome Using a Cysteine-Specific Phosphonate Adaptable Tag in Combination with TiO Chromatography. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 1172-1182	5.6	13
121	Development of a <i>Trypanosoma cruzi</i> strain typing assay using MS2 peptide spectral libraries (Tc-STAMS2). <i>PLoS Neglected Tropical Diseases</i> , <b>2018</b> , 12, e0006351	4.8	9
120	Experimental Demyelination and Axonal Loss Are Reduced in MicroRNA-146a Deficient Mice. <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 490	8.4	27
119	Omics-Based Approach Reveals Complement-Mediated Inflammation in Chronic Lymphocytic Inflammation With Pontine Perivascular Enhancement Responsive to Steroids (CLIPPERS). <i>Frontiers in Immunology</i> , <b>2018</b> , 9, 741	8.4	5
118	Age-Dependent Changes in the Sarkosyl-Insoluble Proteome of APPSWE/PS1 $\Delta$ E9 Transgenic Mice Implicate Dysfunctional Mitochondria in the Pathogenesis of Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , <b>2018</b> , 64, 1247-1259	4.3	6
117	Orthologous proteins of experimental de- and remyelination are differentially regulated in the CSF proteome of multiple sclerosis subtypes. <i>PLoS ONE</i> , <b>2018</b> , 13, e0202530	3.7	16

116	NS1 codon usage adaptation to humans in pandemic Zika virus. <i>Memorias Do Instituto Oswaldo Cruz</i> , <b>2018</b> , 113, e170385	2.6	7
115	Snake Venom Extracellular vesicles (SVEVs) reveal wide molecular and functional proteome diversity. <i>Scientific Reports</i> , <b>2018</b> , 8, 12067	4.9	14
114	Extracellular vesicles with altered tetraspanin CD9 and CD151 levels confer increased prostate cell motility and invasion. <i>Scientific Reports</i> , <b>2018</b> , 8, 8822	4.9	38
113	Quantitative Proteomics and Phosphoproteomics Analysis Revealed Different Regulatory Mechanisms of Halothane and Rendement Napole Genes in Porcine Muscle Metabolism. <i>Journal of Proteome Research</i> , <b>2018</b> , 17, 2834-2849	5.6	11
112	Distinct urinary glycoprotein signatures in prostate cancer patients. <i>Oncotarget</i> , <b>2018</b> , 9, 33077-33097	3.3	27
111	Characterization of the Molecular Mechanisms Underlying Glucose Stimulated Insulin Secretion from Isolated Pancreatic $\beta$ cells Using Post-translational Modification Specific Proteomics (PTMomics). <i>Molecular and Cellular Proteomics</i> , <b>2018</b> , 17, 95-110	7.6	20
110	Diverse Protein Profiles in CNS Myeloid Cells and CNS Tissue From Lipopolysaccharide- and Vehicle-Injected APP/PS1 Transgenic Mice Implicate Cathepsin Z in Alzheimer $\beta$ Disease. <i>Frontiers in Cellular Neuroscience</i> , <b>2018</b> , 12, 397	6.1	15
109	Understanding Alzheimer $\beta$ disease by global quantification of protein phosphorylation and sialylated N-linked glycosylation profiles: A chance for new biomarkers in neuroproteomics?. <i>Journal of Proteomics</i> , <b>2017</b> , 161, 11-25	3.9	19
108	Elucidation of Altered Pathways in Tumor-Initiating Cells of Triple-Negative Breast Cancer: A Useful Cell Model System for Drug Screening. <i>Stem Cells</i> , <b>2017</b> , 35, 1898-1912	5.8	10
107	Novel DNA coding regions and protein arginylation reveal unexplored T. cruzi proteome and PTMs. <i>International Journal of Mass Spectrometry</i> , <b>2017</b> , 418, 51-66	1.9	2
106	Alterations in the Cerebral Microvascular Proteome Expression Profile After Transient Global Cerebral Ischemia in Rat. <i>Journal of Molecular Neuroscience</i> , <b>2017</b> , 61, 396-411	3.3	1
105	Convergent Akt activation drives acquired EGFR inhibitor resistance in lung cancer. <i>Nature Communications</i> , <b>2017</b> , 8, 410	17.4	80
104	Proteomic Expression Changes in Large Cerebral Arteries After Experimental Subarachnoid Hemorrhage in Rat Are Regulated by the MEK-ERK1/2 Pathway. <i>Journal of Molecular Neuroscience</i> , <b>2017</b> , 62, 380-394	3.3	8
103	TNF $\beta$ affects CREB-mediated neuroprotective signaling pathways of synaptic plasticity in neurons as revealed by proteomics and phospho-proteomics. <i>Oncotarget</i> , <b>2017</b> , 8, 60223-60242	3.3	10
102	A novel mass spectrometric strategy "BEMAP" reveals Extensive O-linked protein glycosylation in Enterotoxigenic Escherichia coli. <i>Scientific Reports</i> , <b>2016</b> , 6, 32016	4.9	14
101	Glycomic and sialoproteomic data of gastric carcinoma cells overexpressing ST3GAL4. <i>Data in Brief</i> , <b>2016</b> , 7, 814-33	1.2	6
100	Proteomic Identification of Putative MicroRNA394 Target Genes in Arabidopsis thaliana Identifies Major Latex Protein Family Members Critical for Normal Development. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 2033-47	7.6	26
99	Glycomic analysis of gastric carcinoma cells discloses glycans as modulators of RON receptor tyrosine kinase activation in cancer. <i>Biochimica Et Biophysica Acta - General Subjects</i> , <b>2016</b> , 1860, 1795-808	4	35

98	Chronic low-dose-rate ionising radiation affects the hippocampal phosphoproteome in the ApoE <sup>-/-</sup> Alzheimer $\beta$ mouse model. <i>Oncotarget</i> , <b>2016</b> , 7, 71817-71832	3.3	26
97	An integrated proteomics approach shows synaptic plasticity changes in an APP/PS1 Alzheimer $\beta$ mouse model. <i>Oncotarget</i> , <b>2016</b> , 7, 33627-48	3.3	34
96	Sequential Elution from IMAC (SIMAC): An Efficient Method for Enrichment and Separation of Mono- and Multi-phosphorylated Peptides. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1355, 147-60	1.4	21
95	Improving the Phosphoproteome Coverage for Limited Sample Amounts Using TiO <sub>2</sub> -SIMAC-HILIC (TiSH) Phosphopeptide Enrichment and Fractionation. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1355, 161-77	1.4	20
94	Phosphopeptide Enrichment by Immobilized Metal Affinity Chromatography. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1355, 123-33	1.4	30
93	The Use of Titanium Dioxide for Selective Enrichment of Phosphorylated Peptides. <i>Methods in Molecular Biology</i> , <b>2016</b> , 1355, 135-46	1.4	45
92	The Splicing Efficiency of Activating HRAS Mutations Can Determine Costello Syndrome Phenotype and Frequency in Cancer. <i>PLoS Genetics</i> , <b>2016</b> , 12, e1006039	6	11
91	High-performance hybrid Orbitrap mass spectrometers for quantitative proteome analysis: Observations and implications. <i>Proteomics</i> , <b>2016</b> , 16, 907-14	4.8	53
90	Detection of proteolytic signatures for Parkinson $\beta$ disease. <i>Future Neurology</i> , <b>2016</b> , 11, 15-32	1.5	
89	The Arrhythmogenic Calmodulin Mutation D129G Dysregulates Cell Growth, Calmodulin-dependent Kinase II Activity, and Cardiac Function in Zebrafish. <i>Journal of Biological Chemistry</i> , <b>2016</b> , 291, 26636-26646	5.4	17
88	Simultaneous Enrichment of Cysteine-containing Peptides and Phosphopeptides Using a Cysteine-specific Phosphonate Adaptable Tag (CysPAT) in Combination with titanium dioxide (TiO <sub>2</sub> ) Chromatography. <i>Molecular and Cellular Proteomics</i> , <b>2016</b> , 15, 3282-3296	7.6	36
87	The mRNA decay factor PAT1 functions in a pathway including MAP kinase 4 and immune receptor SUMM2. <i>EMBO Journal</i> , <b>2015</b> , 34, 593-608	13	71
86	Optimization of calmodulin-affinity chromatography for brain and organelles. <i>EuPA Open Proteomics</i> , <b>2015</b> , 8, 55-67	0.1	1
85	Quantitative proteomics analysis of platelet-derived microparticles reveals distinct protein signatures when stimulated by different physiological agonists. <i>Journal of Proteomics</i> , <b>2015</b> , 121, 56-66	3.9	60
84	Automated N-glycan profiling of a mutant <i>Trypanosoma rangeli</i> sialidase expressed in <i>Pichia pastoris</i> , using tandem mass spectrometry and bioinformatics. <i>Glycobiology</i> , <b>2015</b> , 25, 1350-61	5.8	4
83	Quantitative Proteome Analysis Reveals Increased Content of Basement Membrane Proteins in Arteries From Patients With Type 2 Diabetes Mellitus and Lower Levels Among Metformin Users. <i>Circulation: Cardiovascular Genetics</i> , <b>2015</b> , 8, 727-35		34
82	Proteotranscriptomic Profiling of 231-BR Breast Cancer Cells: Identification of Potential Biomarkers and Therapeutic Targets for Brain Metastasis. <i>Molecular and Cellular Proteomics</i> , <b>2015</b> , 14, 2316-30	7.6	50
81	Unraveling incompatibility between wheat and the fungal pathogen <i>Zymoseptoria tritici</i> through apoplastic proteomics. <i>BMC Genomics</i> , <b>2015</b> , 16, 362	4.5	29

80	Quantitative proteomics of fractionated membrane and lumen exosome proteins from isogenic metastatic and nonmetastatic bladder cancer cells reveal differential expression of EMT factors. <i>Proteomics</i> , <b>2014</b> , 14, 699-712	4.8	123
79	Comparative proteomics and glycoproteomics reveal increased N-linked glycosylation and relaxed sequon specificity in <i>Campylobacter jejuni</i> NCTC11168 O. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 5136-50 <sup>6</sup>	5.6	37
78	Diversity within the O-linked protein glycosylation systems of acinetobacter species. <i>Molecular and Cellular Proteomics</i> , <b>2014</b> , 13, 2354-70	7.6	44
77	Structural basis for phosphorylation and lysine acetylation cross-talk in a kinase motif associated with myocardial ischemia and cardioprotection. <i>Journal of Biological Chemistry</i> , <b>2014</b> , 289, 25890-906	5.4	38
76	Neuronal process structure and growth proteins are targets of heavy PTM regulation during brain development. <i>Journal of Proteomics</i> , <b>2014</b> , 101, 77-87	3.9	10
75	Integrated solid-phase extraction-capillary liquid chromatography (speLC) interfaced to ESI-MS/MS for fast characterization and quantification of protein and proteomes. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 6169-75	5.6	18
74	Spatial and temporal effects in protein post-translational modification distributions in the developing mouse brain. <i>Journal of Proteome Research</i> , <b>2014</b> , 13, 260-7	5.6	19
73	Quantitative phosphoproteomic analysis of porcine muscle within 24 h postmortem. <i>Journal of Proteomics</i> , <b>2014</b> , 106, 125-39	3.9	34
72	Plasma proteome profiling of atherosclerotic disease manifestations reveals elevated levels of the cytoskeletal protein vinculin. <i>Journal of Proteomics</i> , <b>2014</b> , 101, 141-53	3.9	29
71	Proteins differentially expressed in human beta-cells-enriched pancreatic islet cultures and human insulinomas. <i>Molecular and Cellular Endocrinology</i> , <b>2013</b> , 381, 16-25	4.4	3
70	Site-specific glycan-peptide analysis for determination of N-glycoproteome heterogeneity. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 5791-800	5.6	130
69	Structural analysis of glycoprotein sialylation [Part I: pre-LC-MS analytical strategies. <i>RSC Advances</i> , <b>2013</b> , 3, 22683	3.7	36
68	Structural analysis of glycoprotein sialylation [Part II: LC-MS based detection. <i>RSC Advances</i> , <b>2013</b> , 3, 22706	3.7	66
67	Battle through signaling between wheat and the fungal pathogen <i>Septoria tritici</i> revealed by proteomics and phosphoproteomics. <i>Molecular and Cellular Proteomics</i> , <b>2013</b> , 12, 2497-508	7.6	49
66	Technologies and challenges in large-scale phosphoproteomics. <i>Proteomics</i> , <b>2013</b> , 13, 910-31	4.8	130
65	Quantitative phosphoproteomic analysis of early alterations in protein phosphorylation by 2,3,7,8-tetrachlorodibenzo-p-dioxin. <i>Journal of Proteome Research</i> , <b>2013</b> , 12, 866-82	5.6	5
64	Acute Myocardial Infarction and Pulmonary Diseases Result in Two Different Degradation Profiles of Elastin as Quantified by Two Novel ELISAs. <i>PLoS ONE</i> , <b>2013</b> , 8, e60936	3.7	14
63	Modulation of protein phosphorylation, N-glycosylation and Lys-acetylation in grape ( <i>Vitis vinifera</i> ) mesocarp and exocarp owing to <i>Lobesia botrana</i> infection. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 945-56	7.6	97

62	A novel method for the simultaneous enrichment, identification, and quantification of phosphopeptides and sialylated glycopeptides applied to a temporal profile of mouse brain development. <i>Molecular and Cellular Proteomics</i> , <b>2012</b> , 11, 1191-202	7.6	100
61	TiSH--a robust and sensitive global phosphoproteomics strategy employing a combination of TiO <sub>2</sub> , SIMAC, and HILIC. <i>Journal of Proteomics</i> , <b>2012</b> , 75, 5749-61	3.9	151
60	Performance of isobaric and isotopic labeling in quantitative plant proteomics. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 3046-52	5.6	42
59	Chemical deamidation: a common pitfall in large-scale N-linked glycoproteomic mass spectrometry-based analyses. <i>Journal of Proteome Research</i> , <b>2012</b> , 11, 1949-57	5.6	138
58	Changes in phosphorylation of myofibrillar proteins during postmortem development of porcine muscle. <i>Food Chemistry</i> , <b>2012</b> , 134, 1999-2006	8.5	60
57	Modification of the <i>Campylobacter jejuni</i> N-linked glycan by EptC protein-mediated addition of phosphoethanolamine. <i>Journal of Biological Chemistry</i> , <b>2012</b> , 287, 29384-96	5.4	53
56	Multidimensional strategy for sensitive phosphoproteomics incorporating protein prefractionation combined with SIMAC, HILIC, and TiO(2) chromatography applied to proximal EGF signaling. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 5383-97	5.6	61
55	Postmortem changes in pork muscle protein phosphorylation in relation to the RN genotype. <i>Journal of Agricultural and Food Chemistry</i> , <b>2011</b> , 59, 11608-15	5.7	32
54	Proteomics of the oxidative stress response induced by hydrogen peroxide and paraquat reveals a novel AhpC-like protein in <i>Pseudomonas aeruginosa</i> . <i>Proteomics</i> , <b>2011</b> , 11, 3056-69	4.8	19
53	Gel-based phosphoproteomics analysis of sarcoplasmic proteins in postmortem porcine muscle with pH decline rate and time differences. <i>Proteomics</i> , <b>2011</b> , 11, 4063-76	4.8	89
52	Purification and identification of O-GlcNAc-modified peptides using phosphate-based alkyne CLICK chemistry in combination with titanium dioxide chromatography and mass spectrometry. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 1449-58	5.6	44
51	A novel post-translational modification in nerve terminals: O-linked N-acetylglucosamine phosphorylation. <i>Journal of Proteome Research</i> , <b>2011</b> , 10, 2725-33	5.6	23
50	Research resource: New and diverse substrates for the insulin receptor isoform A revealed by quantitative proteomics after stimulation with IGF-II or insulin. <i>Molecular Endocrinology</i> , <b>2011</b> , 25, 1456-68		40
49	Matrix metalloproteinase-9-mediated type III collagen degradation as a novel serological biochemical marker for liver fibrogenesis. <i>Liver International</i> , <b>2010</b> , 30, 1293-304	7.9	56
48	Selective enrichment of sialic acid-containing glycopeptides using titanium dioxide chromatography with analysis by HILIC and mass spectrometry. <i>Nature Protocols</i> , <b>2010</b> , 5, 1974-82	18.8	198
47	Undesirable charge-enhancement of isobaric tagged phosphopeptides leads to reduced identification efficiency. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 4045-52	5.6	99
46	Expression, purification and characterization of the cancer-germline antigen GAGE12I: a candidate for cancer immunotherapy. <i>Protein Expression and Purification</i> , <b>2010</b> , 73, 217-22	2	4
45	Glycoproteomic profile in wine: a BweetRmolecular renaissance. <i>Journal of Proteome Research</i> , <b>2010</b> , 9, 6148-59	5.6	38



44	Quantitative iTRAQ-Based Proteomic Identification of Candidate Biomarkers for Diabetic Nephropathy in Plasma of Type 1 Diabetic Patients. <i>Clinical Proteomics</i> , <b>2010</b> , 6, 105-114	5	26
43	Improved accuracy of cell surface shaving proteomics in <i>Staphylococcus aureus</i> using a false-positive control. <i>Proteomics</i> , <b>2010</b> , 10, 2037-49	4.8	77
42	Quantitative phosphoproteomics of depolarization-dependent protein phosphorylation in nerve terminals. <i>FASEB Journal</i> , <b>2010</b> , 24, 905.2	0.9	
41	Analytical strategies for phosphoproteomics. <i>Proteomics</i> , <b>2009</b> , 9, 1451-68	4.8	392
40	A phosphoproteomics approach to elucidate neuropeptide signal transduction controlling insect metamorphosis. <i>Insect Biochemistry and Molecular Biology</i> , <b>2009</b> , 39, 475-83	4.5	68
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