Mark P Molloy

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9421586/publications.pdf

Version: 2024-02-01

176 papers	8,446 citations	87888 38 h-index	53230 85 g-index
187 all docs	187 docs citations	187 times ranked	11156 citing authors

#	Article	IF	Citations
1	Overlapping genes in natural and engineered genomes. Nature Reviews Genetics, 2022, 23, 154-168.	16.3	62
2	Performance of prognostic models incorporating KRAS mutation status to predict survival after resection of colorectal liver metastases. Hpb, 2022, , .	0.3	2
3	Proteomic Analysis of Whole Blood Using Volumetric Absorptive Microsampling for Precision Medicine Biomarker Studies. Journal of Proteome Research, 2022, 21, 1196-1203.	3.7	14
4	SERS characterization of colorectal cancer cell surface markers upon antiâ€EGFR treatment. Exploration, 2022, 2, .	11.0	11
5	Proteomic Profiling and Biomarker Discovery in Colorectal Liver Metastases. International Journal of Molecular Sciences, 2022, 23, 6091.	4.1	6
6	Proteome of Staphylococcus aureus Biofilm Changes Significantly with Aging. International Journal of Molecular Sciences, 2022, 23, 6415.	4.1	8
7	Deep Sequencing of Early T Stage Colorectal Cancers Reveals Disruption of Homologous Recombination Repair in Microsatellite Stable Tumours with High Mutational Burdens. Cancers, 2022, 14, 2933.	3.7	3
8	Recurrence patterns predict survival after resection of colorectal liver metastases. ANZ Journal of Surgery, 2022, 92, 2149-2156.	0.7	8
9	Prognostic Models Incorporating RAS Mutation to Predict Survival in Patients with Colorectal Liver Metastases: A Narrative Review. Cancers, 2022, 14, 3223.	3.7	2
10	Metformin, Microbiome and Protection Against Colorectal Cancer. Digestive Diseases and Sciences, 2021, 66, 1409-1414.	2.3	18
11	Data independent acquisition of plasma biomarkers of response to neoadjuvant chemotherapy in pancreatic ductal adenocarcinoma. Journal of Proteomics, 2021, 231, 103998.	2.4	10
12	Presymptomatic Dutch-Type Hereditary Cerebral Amyloid Angiopathy-Related Blood Metabolite Alterations. Journal of Alzheimer's Disease, 2021, 79, 895-903.	2.6	5
13	Highly specific detection of KRAS single nucleotide polymorphism by asymmetric PCR/SERS assay. Analyst, The, 2021, 146, 5714-5721.	3.5	10
14	Inhibitor of Differentiation 4 (ID4) represses mammary myoepithelial differentiation via inhibition of HEB. IScience, 2021, 24, 102072.	4.1	6
15	ALS/FTD-causing mutation in cyclin F causes the dysregulation of SFPQ. Human Molecular Genetics, 2021, 30, 971-984.	2.9	16
16	Identification of a Novel Ciprofloxacin Tolerance Gene, aciT , Which Contributes to Filamentation in Acinetobacter baumannii. Antimicrobial Agents and Chemotherapy, 2021, 65, .	3.2	7
17	The Gut Microbiome and Gastrointestinal Toxicities in Pelvic Radiation Therapy: A Clinical Review. Cancers, 2021, 13, 2353.	3.7	15
18	Proteome analysis of human adipocytes identifies depot-specific heterogeneity at metabolic control points. American Journal of Physiology - Endocrinology and Metabolism, 2021, 320, E1068-E1084.	3.5	18

#	Article	IF	Citations
19	Proteomic and Transcriptomic Analysis of Microviridae ΪŤX174 Infection Reveals Broad Upregulation of Host Escherichia coli Membrane Damage and Heat Shock Responses. MSystems, 2021, 6, .	3.8	8
20	Genomic, Microbial and Immunological Microenvironment of Colorectal Polyps. Cancers, 2021, 13, 3382.	3.7	7
21	The Gut Microbiome and Cancer Immunotherapy: Can We Use the Gut Microbiome as a Predictive Biomarker for Clinical Response in Cancer Immunotherapy?. Cancers, 2021, 13, 4824.	3.7	29
22	Emerging Evidence of the Gut Microbiome in Chemotherapy: A Clinical Review. Frontiers in Oncology, 2021, 11, 706331.	2.8	15
23	Molecular Features of Lymph Node Metastasis in T1/2 Colorectal Cancer from Formalin-Fixed Paraffin-Embedded Archival Specimens. Journal of Proteome Research, 2021, 20, 1304-1312.	3.7	9
24	Quantitative Proteomic Profiling of Small Molecule Treated Mesenchymal Stem Cells Using Chemical Probes. International Journal of Molecular Sciences, 2021, 22, 160.	4.1	2
25	ELF5 modulates the estrogen receptor cistrome in breast cancer. PLoS Genetics, 2020, 16, e1008531.	3.5	17
26	Genome Modularization Reveals Overlapped Gene Topology Is Necessary for Efficient Viral Reproduction. ACS Synthetic Biology, 2020, 9, 3079-3090.	3.8	14
27	PSMD11, PTPRM and PTPRB as novel biomarkers of pancreatic cancer progression. Biochimica Et Biophysica Acta - General Subjects, 2020, 1864, 129682.	2.4	15
28	Differential regulation of extracellular matrix proteins in three recurrent liver metastases of a single patient with colorectal cancer. Clinical and Experimental Metastasis, 2020, 37, 649-656.	3.3	4
29	Multiplex detection of ctDNA mutations in plasma of colorectal cancer patients by PCR/SERS assay. Nanotheranostics, 2020, 4, 224-232.	5.2	25
30	Proteogenomic analysis of Inhibitor of Differentiation 4 (ID4) in basal-like breast cancer. Breast Cancer Research, 2020, 22, 63.	5.0	8
31	Evaluating bioanalytical capabilities of paper spray ionization for abiraterone drug quantification in patient plasma. Journal of Mass Spectrometry, 2020, 55, e4584.	1.6	6
32	Identification of Novel Biomarkers in Pancreatic Tumor Tissue to Predict Response to Neoadjuvant Chemotherapy. Frontiers in Oncology, 2020, 10, 237.	2.8	22
33	The prognostic role of inflammatory markers in patients with metastatic colorectal cancer treated with bevacizumab: A translational study [ASCENT]. PLoS ONE, 2020, 15, e0229900.	2.5	12
34	OmixLitMiner: A Bioinformatics Tool for Prioritizing Biological Leads from â€˜Omics Data Using Literature Retrieval and Data Mining. International Journal of Molecular Sciences, 2020, 21, 1374.	4.1	5
35	PGRMC1 phosphorylation affects cell shape, motility, glycolysis, mitochondrial form and function, and tumor growth. BMC Molecular and Cell Biology, 2020, 21, 24.	2.0	36
36	Changes in dietary fiber intake in mice reveal associations between colonic mucin O-glycosylation and specific gut bacteria. Gut Microbes, 2020, 12, 1802209.	9.8	25

#	Article	IF	Citations
37	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
38	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
39	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
40	ELF5 modulates the estrogen receptor cistrome in breast cancer. , 2020, 16, e1008531.		0
41	iSwathX: an interactive web-based application for extension of DIA peptide reference libraries. Bioinformatics, 2019, 35, 538-539.	4.1	12
42	Protein Paucimannosylation Is an Enriched Nâ€Glycosylation Signature of Human Cancers. Proteomics, 2019, 19, e1900010.	2.2	52
43	Bioanalytical evaluation of dried plasma spots for monitoring of abiraterone and âˆ†(4)-abiraterone from cancer patients. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2019, 1126-1127, 121741.	2.3	9
44	Proteomic screen with the proto-oncogene beta-catenin identifies interaction with Golgi coatomer complex I. Biochemistry and Biophysics Reports, 2019, 19, 100662.	1.3	0
45	Inter- and intra-patient variability in pharmacokinetics of abiraterone acetate in metastatic prostate cancer. Cancer Chemotherapy and Pharmacology, 2019, 84, 139-146.	2.3	10
46	Practical Integration of Multi-Run iTRAQ Data. Methods in Molecular Biology, 2019, 1977, 199-215.	0.9	1
47	Proteome profiling of Pseudomonas aeruginosa PAO1 identifies novel responders to copper stress. BMC Microbiology, 2019, 19, 69.	3.3	14
48	Using proteomics to identify ubiquitin ligaseâ€“substrate pairs: how novel methods may unveil therapeutic targets for neurodegenerative diseases. Cellular and Molecular Life Sciences, 2019, 76, 2499-2510.	5.4	18
49	Radiation-Stimulated Translocation of CD166 and CRYAB to the Endothelial Surface Provides Potential Vascular Targets on Irradiated Brain Arteriovenous Malformations. International Journal of Molecular Sciences, 2019, 20, 5830.	4.1	8
50	Examining Cellular Responses to Kinase Drug Inhibition Through Phosphoproteome Mapping of Substrates. Methods in Molecular Biology, 2019, 1888, 141-152.	0.9	1
51	Targeted Mass Spectrometry of S100 Proteins. Methods in Molecular Biology, 2019, 1929, 663-678.	0.9	2
52	Multi-laboratory analysis of the variability of shipped samples for proteomics following non-cooled international transport. Analytical Biochemistry, 2018, 548, 60-65.	2.4	2
53	Polyphenol extracts from dried sugarcane inhibit inflammatory mediators in an in vitro colon cancer model. Journal of Proteomics, 2018, 177, 1-10.	2.4	35
54	Quantitation of the anticancer drug abiraterone and its metabolite Î”(4)-abiraterone in human plasma using high-resolution mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2018, 154, 66-74.	2.8	23

#	Article	IF	Citations
55	Pathogenic mutation in the ALS/FTD gene, CCNF, causes elevated Lys48-linked ubiquitylation and defective autophagy. Cellular and Molecular Life Sciences, 2018, 75, 335-354.	5.4	44
56	Development of a data independent acquisition mass spectrometry workflow to enable glycopeptide analysis without predefined glycan compositional knowledge. Journal of Proteomics, 2018, 172, 68-75.	2.4	39
57	Pharmacological Inhibition of Casein Kinase 2 Enhances the Effectiveness of PI3K Inhibition in Colon Cancer Cells. Anticancer Research, 2018, 38, 6195-6200.	1.1	4
58	Proteomics identification of radiation-induced changes of membrane proteins in the rat model of arteriovenous malformation in pursuit of targets for brain AVM molecular therapy. Clinical Proteomics, 2018, 15, 43.	2.1	7
59	Proteomic profile of sex-sorted bull sperm evaluated by SWATH-MS analysis. Animal Reproduction Science, 2018, 198, 121-128.	1.5	26
60	Precision medicine beyond medical oncology: using molecular analysis to guide treatments of colorectal neoplasia. Expert Review of Gastroenterology and Hepatology, 2018, 12, 1179-1181.	3.0	3
61	Fiber Supplements Derived From Sugarcane Stem, Wheat Dextrin and Psyllium Husk Have Different In Vitro Effects on the Human Gut Microbiota. Frontiers in Microbiology, 2018, 9, 1618.	3.5	25
62	Proteomic phenotyping of metastatic melanoma reveals putative signatures of MEK inhibitor response and prognosis. British Journal of Cancer, 2018, 119, 713-723.	6.4	9
63	Alternative assembly of respiratory complex II connects energy stress to metabolic checkpoints. Nature Communications, 2018, 9, 2221.	12.8	44
64	The prognostic role of inflammatory markers in patients with metastatic colorectal cancer treated with bevacizumab.. Journal of Clinical Oncology, 2018, 36, 719-719.	1.6	3
65	Radiosurgery Alters the Endothelial Surface Proteome: Externalized Intracellular Molecules as Potential Vascular Targets in Irradiated Brain Arteriovenous Malformations. Radiation Research, 2017, 187, 66.	1.5	13
66	Unravelling the role of protein kinase CK2 in metal toxicity using gene deletion mutants. Metallomics, 2017, 9, 301-308.	2.4	2
67	Expression of ALS/FTD-linked mutant CCNF in zebrafish leads to increased cell death in the spinal cord and an aberrant motor phenotype. Human Molecular Genetics, 2017, 26, 2616-2626.	2.9	44
68	Quantitative Age-specific Variability of Plasma Proteins in Healthy Neonates, Children and Adults. Molecular and Cellular Proteomics, 2017, 16, 924-935.	3.8	42
69	Age-related neurodegenerative disease associated pathways identified in retinal and vitreous proteome from human glaucoma eyes. Scientific Reports, 2017, 7, 12685.	3.3	105
70	Organic macromolecules in shells of Arctica islandica: comparison with nacroprismatic bivalve shells. Marine Biology, 2017, 164, 1.	1.5	14
71	Improving Protein Detection Confidence Using SWATH-Mass Spectrometry with Large Peptide Reference Libraries. Proteomics, 2017, 17, 1700174.	2.2	7
72	Pseudomonas aeruginosaProteome under Hypoxic Stress Conditions Mimicking the Cystic Fibrosis Lung. Journal of Proteome Research, 2017, 16, 3917-3928.	3.7	37

#	Article	IF	Citations
73	Multi-laboratory assessment of reproducibility, qualitative and quantitative performance of SWATH-mass spectrometry. Nature Communications, 2017, 8, 291.	12.8	423
74	Plasma biomarker proteins for detection of human growth hormone administration in athletes. Scientific Reports, 2017, 7, 10039.	3.3	34
75	Casein kinase II phosphorylation of cyclin F at serine 621 regulates the Lys48-ubiquitylation E3 ligase activity of the SCF (cyclin F) complex. Open Biology, 2017, 7, 170058.	3.6	29
76	SWATH Mass Spectrometry for Proteomics of Non-Depleted Plasma. Methods in Molecular Biology, 2017, 1619, 373-383.	0.9	9
77	Identification of protein targets in cerebral endothelial cells for brain arteriovenous malformation (AVMs) molecular therapies. Clinical Proteomics, 2017, 14, 17.	2.1	7
78	TMT One-Stop Shop: From Reliable Sample Preparation to Computational Analysis Platform. Methods in Molecular Biology, 2017, 1549, 45-66.	0.9	30
79	Ionizing radiation reduces ADAM10 expression in brain microvascular endothelial cells undergoing stress-induced senescence. Aging, 2017, 9, 1248-1268.	3.1	33
80	Priming Adipose-Derived Mesenchymal Stem Cells with Hyaluronan Alters Growth Kinetics and Increases Attachment to Articular Cartilage. Stem Cells International, 2016, 2016, 1-13.	2.5	14
81	Analytical performance of nanoâ€LCâ€SRM using nondepleted human plasma over an 18â€month period. Proteomics, 2016, 16, 2118-2127.	2.2	6
82	SWATH Mass Spectrometry Performance Using Extended Peptide MS/MS Assay Libraries. Molecular and Cellular Proteomics, 2016, 15, 2501-2514.	3.8	91
83	Proteomics of thyroid tumours provides new insights into their molecular composition and changes associated with malignancy. Scientific Reports, 2016, 6, 23660.	3.3	43
84	Characterisation of the immune compounds in koala milk using a combined transcriptomic and proteomic approach. Scientific Reports, 2016, 6, 35011.	3.3	25
85	CCNF mutations in amyotrophic lateral sclerosis and frontotemporal dementia. Nature Communications, 2016, 7, 11253.	12.8	174
86	Changes in the in vitro activity of platinum drugs when administered in two aliquots. BMC Cancer, 2016, 16, 688.	2.6	12
87	Pseudomonas aeruginosa Cell Membrane Protein Expression from Phenotypically Diverse Cystic Fibrosis Isolates Demonstrates Host-Specific Adaptations. Journal of Proteome Research, 2016, 15, 2152-2163.	3.7	28
88	A proteomics-based approach identifies secreted protein acidic and rich in cysteine as a prognostic biomarker in malignant pleural mesothelioma. British Journal of Cancer, 2016, 114, 524-531.	6.4	20
89	Characterization of a beta-catenin nuclear localization defect in MCF-7 breast cancer cells. Experimental Cell Research, 2016, 341, 196-206.	2.6	7
90	Phosphoproteomic Analysis of Cell-Based Resistance to BRAF Inhibitor Therapy in Melanoma. Frontiers in Oncology, 2015, 5, 95.	2.8	26

#	Article	IF	Citations
91	Multidimensional Fractionation Is a Requirement for Quantitation of Golgi-Resident Glycosylation Enzymes from Cultured Human Cells. Journal of Proteome Research, 2015, 14, 747-755.	3.7	2
92	Combining Protein Ratiop-Values as a Pragmatic Approach to the Analysis of Multirun iTRAQ Experiments. Journal of Proteome Research, 2015, 14, 738-746.	3.7	12
93	Online Peptide Fractionation Using a Multiphasic Microfluidic Liquid Chromatography Chip Improves Reproducibility and Detection Limits for Quantitation in Discovery and Targeted Proteomics*. Molecular and Cellular Proteomics, 2015, 14, 1708-1719.	3.8	27
94	The mannose-6-phosphate analogue, PXS64, inhibits fibrosis via TGF-Î²1 pathway in human lung fibroblasts. Immunology Letters, 2015, 165, 90-101.	2.5	15
95	A multiplexed, targeted mass spectrometry assay of the S100 protein family uncovers the isoform-specific expression in thyroid tumours. BMC Cancer, 2015, 15, 199.	2.6	24
96	Reporting in studies of protein biomarkers of prognosis in colorectal cancer in relation to the REMARK guidelines. Proteomics - Clinical Applications, 2015, 9, 1078-1086.	1.6	7
97	Inter-laboratory evaluation of instrument platforms and experimental workflows for quantitative accuracy and reproducibility assessment. EuPA Open Proteomics, 2015, 8, 6-15.	2.5	32
98	Fetuin B Is a Secreted Hepatocyte Factor Linking Steatosis to Impaired Glucose Metabolism. Cell Metabolism, 2015, 22, 1078-1089.	16.2	192
99	Proteomics of hosts and pathogens in cystic fibrosis. Proteomics - Clinical Applications, 2015, 9, 134-146.	1.6	16
100	Genetically and Phenotypically Distinct Pseudomonas aeruginosa Cystic Fibrosis Isolates Share a Core Proteomic Signature. PLoS ONE, 2015, 10, e0138527.	2.5	37
101	From mice to men: GEMMs as trial patients for new NSCLC therapies. Seminars in Cell and Developmental Biology, 2014, 27, 118-127.	5.0	19
102	Stoichiometry of Saccharomyces cerevisiae Lysine Methylation: Insights into Non-histone Protein Lysine Methyltransferase Activity. Journal of Proteome Research, 2014, 13, 1744-1756.	3.7	22
103	Comprehensive glycomics comparison between colon cancer cell cultures and tumours: Implications for biomarker studies. Journal of Proteomics, 2014, 108, 146-162.	2.4	57
104	Phosphoproteomics of MAPK Inhibition in BRAF-Mutated Cells and a Role for the Lethal Synergism of Dual BRAF and CK2 Inhibition. Molecular Cancer Therapeutics, 2014, 13, 1894-1906.	4.1	35
105	The necrotrophic effector protein SnTox3 re-programs metabolism and elicits a strong defence response in susceptible wheat leaves. BMC Plant Biology, 2014, 14, 215.	3.6	38
106	SecDF as Part of the Sec-Translocase Facilitates Efficient Secretion of Bacillus cereus Toxins and Cell Wall-Associated Proteins. PLoS ONE, 2014, 9, e103326.	2.5	21
107	Prognostic significance of circulating secreted protein acidic and rich in cysteine (SPARC) in malignant pleural mesothelioma (MPM).. Journal of Clinical Oncology, 2014, 32, 7580-7580.	1.6	0
108	Proteome analysis reveals antiangiogenic environments in chronic wounds of diabetes mellitus type 2 patients. Proteomics, 2013, 13, 2670-2681.	2.2	91

#	Article	IF	Citations
109	Quantitative mass spectrometry for colorectal cancer proteomics. Proteomics - Clinical Applications, 2013, 7, 42-54.	1.6	20
110	Label-free Selected Reaction Monitoring Enables Multiplexed Quantitation of S100 Protein Isoforms in Cancer Cells. Journal of Proteome Research, 2013, 12, 3679-3688.	3.7	16
111	Tandem Ion Exchange Fractionation of Chicken Egg White Reveals the Presence of Proliferative Bioactivity. Journal of Agricultural and Food Chemistry, 2013, 61, 4079-4088.	5.2	10
112	Coverage and Consistency: Bioinformatics Aspects of the Analysis of Multirun iTRAQ Experiments with Wheat Leaves. Journal of Proteome Research, 2013, 12, 4870-4881.	3.7	14
113	Twoâ€stepping to increase peptide spectra matches in large databases. Proteomics, 2013, 13, 1229-1230.	2.2	0
114	The role of macrophages in docetaxel (DTX) resistance in castrate-resistant prostate cancer (CRPC).. Journal of Clinical Oncology, 2013, 31, e22175-e22175.	1.6	1
115	Specific Armadillo Repeat Sequences Facilitate Î²-Catenin Nuclear Transport in Live Cells via Direct Binding to Nucleoporins Nup62, Nup153, and RanBP2/Nup358. Journal of Biological Chemistry, 2012, 287, 819-831.	3.4	66
116	Multidimensional Protein Identification Technology-Selected Reaction Monitoring Improving Detection and Quantification for Protein Biomarker Studies. Analytical Chemistry, 2012, 84, 1592-1600.	6.5	19
117	An iTRAQ Proteomics Screen Reveals the Effects of the MDM2 Binding Ligand Nutlin-3 on Cellular Proteostasis. Journal of Proteome Research, 2012, 11, 5464-5478.	3.7	25
118	Why complexity and entropy matter: Information, posttranslational modifications, and assay fidelity. Proteomics, 2012, 12, 1147-1150.	2.2	5
119	Towards clinical applications of selected reaction monitoring for plasma protein biomarker studies. Proteomics - Clinical Applications, 2012, 6, 42-59.	1.6	13
120	Mutated in colorectal cancer protein modulates the NFÎºB pathway. Anticancer Research, 2012, 32, 73-9.	1.1	18
121	Clinicopathological correlates and prognostic significance of glutathione S-transferase Pi expression in 468 patients after potentially curative resection of node-positive colonic cancer. Histopathology, 2011, 59, 1057-1070.	2.9	12
122	Proteomic comparison of colorectal tumours and non-neoplastic mucosa from paired patient samples using iTRAQ mass spectrometry. Molecular BioSystems, 2011, 7, 2997.	2.9	31
123	Polyomic profiling reveals significant hepatic metabolic alterations in glucagon-receptor (GCGR) knockout mice: implications on anti-glucagon therapies for diabetes. BMC Genomics, 2011, 12, 281.	2.8	72
124	Quantitative chemical proteomics in smallâ€scale culture of phorbol ester stimulated basal breast cancer cells. Proteomics, 2011, 11, 2683-2692.	2.2	10
125	Quantitative phosphoproteomics of transforming growth factorâ€Î² signaling in colon cancer cells. Proteomics, 2011, 11, 3390-3401.	2.2	24
126	Highâ€abundance protein depletion: Comparison of methods for human plasma biomarker discovery. Electrophoresis, 2010, 31, 471-482.	2.4	154

#	Article	IF	Citations
127	Identification of distinctive protein expression patterns in colorectal adenoma. Proteomics - Clinical Applications, 2010, 4, 60-70.	1.6	36
128	Evaluation of blood collection tubes using selected reaction monitoring MS: Implications for proteomic biomarker studies. Proteomics, 2010, 10, 2050-2056.	2.2	28
129	Clinicopathological correlates and prognostic significance of maspin expression in 450 patients after potentially curative resection of nodeâ€positive colonic cancer. Histopathology, 2010, 56, 319-330.	2.9	19
130	Unique Ion Signature Mass Spectrometry, a Deterministic Method to Assign Peptide Identity. Molecular and Cellular Proteomics, 2009, 8, 2051-2062.	3.8	40
131	Identification of Candidate Biomarkers of Therapeutic Response to Docetaxel by Proteomic Profiling. Cancer Research, 2009, 69, 7696-7703.	0.9	94
132	How specific is my SRM?: The issue of precursor and product ion redundancy. Proteomics, 2009, 9, 1120-1123.	2.2	134
133	A longitudinal study of the protein components of marsupial milk from birth to weaning in the tammar wallaby (Macropus eugenii). Developmental and Comparative Immunology, 2009, 33, 152-161.	2.3	37
134	Recent progress in selected reaction monitoring MS-driven plasma protein biomarker analysis. Bioanalysis, 2009, 1, 847-855.	1.5	17
135	Isolation of Bacterial Cell Membranes Proteins Using Carbonate Extraction. Methods in Molecular Biology, 2008, 424, 397-401.	0.9	28
136	iTRAQ Experimental Design for Plasma Biomarker Discovery. Journal of Proteome Research, 2008, 7, 2952-2958.	3.7	109
137	Differential Proteome Expression Associated with Urokinase Plasminogen Activator Receptor (uPAR) Suppression in Malignant Epithelial Cancer. Journal of Proteome Research, 2008, 7, 4792-4806.	3.7	14
138	Angiotensin IIâ€"Inducible Platelet-Derived Growth Factor-D Transcription Requires Specific Ser/Thr Residues in the Second Zinc Finger Region of Sp1. Circulation Research, 2008, 102, e38-51.	4.5	29
139	Proteomic analysis of early lactation milk of the tammar wallaby (Macropus eugenii). Comparative Biochemistry and Physiology Part D: Genomics and Proteomics, 2007, 2, 150-164.	1.0	12
140	Proteomic Identification of Lynchpin Urokinase Plasminogen Activator Receptor Protein Interactions Associated with Epithelial Cancer Malignancy. Journal of Proteome Research, 2007, 6, 1016-1028.	3.7	38
141	Comparing SILAC and Two-Dimensional Gel Electrophoresis Image Analysis for Profiling Urokinase Plasminogen Activator Signaling in Ovarian Cancer Cells. Journal of Proteome Research, 2007, 6, 2105-2112.	3.7	14
142	The development of multiple reaction monitoring assays for liverâ€derived plasma proteins. Proteomics - Clinical Applications, 2007, 1, 1570-1581.	1.6	39
143	Evaluation of Endogenous Plasma Peptide Extraction Methods for Mass Spectrometric Biomarker Discovery. Journal of Proteome Research, 2007, 6, 571-581.	3.7	78
144	Evaluation of Chemical Derivatisation Methods for Protein Identification using MALDI MS/MS. International Journal of Peptide Research and Therapeutics, 2006, 12, 225-235.	1.9	8

#	Article	IF	Citations
145	Large-scale evaluation of quantitative reproducibility and proteome coverage using acid cleavable isotope coded affinity tag mass spectrometry for proteomic profiling. Proteomics, 2005, 5, 1204-1208.	2.2	57
146	6 Two-dimensional gel electrophoresis. Separation Science and Technology, 2005, 7, 123-145.	0.2	3
147	Differential expression of the skeletal muscle proteome inmdx mice at different ages. Electrophoresis, 2004, 25, 2576-2585.	2.4	45
148	Overcoming technical variation and biological variation in quantitative proteomics. Proteomics, 2003, 3, 1912-1919.	2.2	259
149	Proteomic analysis of mdx skeletal muscle: Great reduction of adenylate kinase 1 expression and enzymatic activity. Proteomics, 2003, 3, 1895-1903.	2.2	76
150	EXPLORING THE PROTEOME: Reviving emphasis on quantitative protein profiling. Proteomics, 2003, 3, 1833-4.	2.2	3
151	The challenge of industrializing proteomics. Nature Biotechnology, 2003, 21, 597-597.	17.5	2
152	Purification and characterization of a serine protease and chitinases from Paecilomyces lilacinus and detection of chitinase activity on 2D gels. Protein Expression and Purification, 2003, 32, 210-220.	1.3	79
153	Proteomics: Technologies and applications. Briefings in Functional Genomics & Proteomics, 2002, 1, 23-39.	3.8	39
154	Profiling the alkaline membrane proteome of Caulobacter crescentus with two-dimensional electrophoresis and mass spectrometry. Proteomics, 2002, 2, 899.	2.2	56
155	Phosphopeptide Derivatization Signatures To Identify Serine and Threonine Phosphorylated Peptides by Mass Spectrometry. Analytical Chemistry, 2001, 73, 5387-5394.	6.5	73
156	Two-dimensional electrophoresis and peptide mass fingerprinting of bacterial outer membrane proteins. Electrophoresis, 2001, 22, 1686-1696.	2.4	97
157	Analysis of the outer membrane proteome ofCaulobacter crescentus by two-dimensional electrophoresis and mass spectrometry. Proteomics, 2001, 1, 705-720.	2.2	73
158	HSP22, a New Member of the Small Heat Shock Protein Superfamily, Interacts with Mimic of Phosphorylated HSP27 (3DHSP27). Journal of Biological Chemistry, 2001, 276, 26753-26761.	3.4	121
159	Analysis of the outer membrane proteome of Caulobacter crescentus by two-dimensional electrophoresis and mass spectrometry. Proteomics, 2001, 1, 705-720.	2.2	2
160	Membrane proteins and proteomics: Un amour impossible?. Electrophoresis, 2000, 21, 1054-1070.	2.4	914
161	Two-Dimensional Electrophoresis of Membrane Proteins Using Immobilized pH Gradients. Analytical Biochemistry, 2000, 280, 1-10.	2.4	325
162	Complementing genomics with proteomics: The membrane subproteome ofPseudomonas aeruginosa PAO1. Electrophoresis, 2000, 21, 3797-3809.	2.4	193

#	Article	IF	Citations
163	Proteomic analysis of the Escherichia coli outer membrane. FEBS Journal, 2000, 267, 2871-2881.	0.2	430
164	Serotype classification and characterisation of the rotavirus SA11 VP6 protein using mass spectrometry and two-dimensional gel electrophoresis. Functional and Integrative Genomics, 2000, 1, 12-24.	3.5	5
165	Serotype classification and characterisation of the rotavirus SA11 VP6 protein using mass spectrometry and two-dimensional gel electrophoresis. Functional and Integrative Genomics, 2000, 1, 12-24.	3.5	1
166	Extraction ofEscherichia coli proteins with organic solvents prior to two-dimensional electrophoresis. Electrophoresis, 1999, 20, 701-704.	2.4	124
167	High-throughput mass spectrometric discovery of protein post-translational modifications. Journal of Molecular Biology, 1999, 289, 645-657.	4.2	296
168	Extraction of membrane proteins by differential solubilization for separation using two-dimensional gel electrophoresis. Electrophoresis, 1998, 19, 837-844.	2.4	507
169	Improved protein solubility in two-dimensional electrophoresis using tributyl phosphine as reducing agent. Electrophoresis, 1998, 19, 845-851.	2.4	260
170	Development of mini-gel technology in two-dimensional electrophoresis for mass-screening of samples: Application to tears. Electrophoresis, 1998, 19, 852-855.	2.4	27
171	The Australian proteome analysis facility (APAF): Assembling large scale proteomics through integration and automation. Electrophoresis, 1998, 19, 1883-1890.	2.4	28
172	Prefractionation of protein samples prior to two-dimensional electrophoresis. Electrophoresis, 1997, 18, 317-323.	2.4	84
173	Characterisation of wool intermediate filament proteins separated by micropreparative two-dimensional electrophoresis. Electrophoresis, 1997, 18, 568-572.	2.4	27
174	Identification of wallaby milk whey proteins separated by two-dimensional electrophoresis, using amino acid analysis and sequence tagging. Electrophoresis, 1997, 18, 1073-1078.	2.4	18
175	Establishment of the human reflex tear two-dimensional polyacrylamide gel electrophoresis reference map: New proteins of potential diagnostic value. Electrophoresis, 1997, 18, 2811-2815.	2.4	111
176	Membrane proteins and proteomics: Un amour impossible?. , 0, .		5