

Mark P Molloy

List of Publications by Year in descending order

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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	Membrane proteins and proteomics: Un amour impossible?. <i>Electrophoresis</i> , 2000, 21, 1054-1070.	2.4	914
2	Extraction of membrane proteins by differential solubilization for separation using two-dimensional gel electrophoresis. <i>Electrophoresis</i> , 1998, 19, 837-844.	2.4	507
3	Proteomic analysis of the Escherichia coli outer membrane. <i>FEBS Journal</i> , 2000, 267, 2871-2881.	0.2	430
4	Multi-laboratory assessment of reproducibility, qualitative and quantitative performance of SWATH-mass spectrometry. <i>Nature Communications</i> , 2017, 8, 291.	12.8	423
5	Two-Dimensional Electrophoresis of Membrane Proteins Using Immobilized pH Gradients. <i>Analytical Biochemistry</i> , 2000, 280, 1-10.	2.4	325
6	High-throughput mass spectrometric discovery of protein post-translational modifications. <i>Journal of Molecular Biology</i> , 1999, 289, 645-657.	4.2	296
7	Improved protein solubility in two-dimensional electrophoresis using tributyl phosphine as reducing agent. <i>Electrophoresis</i> , 1998, 19, 845-851.	2.4	260
8	Overcoming technical variation and biological variation in quantitative proteomics. <i>Proteomics</i> , 2003, 3, 1912-1919.	2.2	259
9	Complementing genomics with proteomics: The membrane subproteome of Pseudomonas aeruginosa PAO1. <i>Electrophoresis</i> , 2000, 21, 3797-3809.	2.4	193
10	Fetuin B Is a Secreted Hepatocyte Factor Linking Steatosis to Impaired Glucose Metabolism. <i>Cell Metabolism</i> , 2015, 22, 1078-1089.	16.2	192
11	CCNF mutations in amyotrophic lateral sclerosis and frontotemporal dementia. <i>Nature Communications</i> , 2016, 7, 11253.	12.8	174
12	High-abundance protein depletion: Comparison of methods for human plasma biomarker discovery. <i>Electrophoresis</i> , 2010, 31, 471-482.	2.4	154
13	How specific is my SRM?: The issue of precursor and product ion redundancy. <i>Proteomics</i> , 2009, 9, 1120-1123.	2.2	134
14	Extraction of Escherichia coli proteins with organic solvents prior to two-dimensional electrophoresis. <i>Electrophoresis</i> , 1999, 20, 701-704.	2.4	124
15	HSP22, a New Member of the Small Heat Shock Protein Superfamily, Interacts with Mimic of Phosphorylated HSP27 (3DHSP27). <i>Journal of Biological Chemistry</i> , 2001, 276, 26753-26761.	3.4	121
16	Establishment of the human reflex tear two-dimensional polyacrylamide gel electrophoresis reference map: New proteins of potential diagnostic value. <i>Electrophoresis</i> , 1997, 18, 2811-2815.	2.4	111
17	iTRAQ Experimental Design for Plasma Biomarker Discovery. <i>Journal of Proteome Research</i> , 2008, 7, 2952-2958.	3.7	109
18	Age-related neurodegenerative disease associated pathways identified in retinal and vitreous proteome from human glaucoma eyes. <i>Scientific Reports</i> , 2017, 7, 12685.	3.3	105

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19	Two-dimensional electrophoresis and peptide mass fingerprinting of bacterial outer membrane proteins. <i>Electrophoresis</i> , 2001, 22, 1686-1696.	2.4	97
20	Identification of Candidate Biomarkers of Therapeutic Response to Docetaxel by Proteomic Profiling. <i>Cancer Research</i> , 2009, 69, 7696-7703.	0.9	94
21	Proteome analysis reveals antiangiogenic environments in chronic wounds of diabetes mellitus type 2 patients. <i>Proteomics</i> , 2013, 13, 2670-2681.	2.2	91
22	SWATH Mass Spectrometry Performance Using Extended Peptide MS/MS Assay Libraries. <i>Molecular and Cellular Proteomics</i> , 2016, 15, 2501-2514.	3.8	91
23	Prefractionation of protein samples prior to two-dimensional electrophoresis. <i>Electrophoresis</i> , 1997, 18, 317-323.	2.4	84
24	Purification and characterization of a serine protease and chitinases from <i>Paecilomyces lilacinus</i> and detection of chitinase activity on 2D gels. <i>Protein Expression and Purification</i> , 2003, 32, 210-220.	1.3	79
25	Evaluation of Endogenous Plasma Peptide Extraction Methods for Mass Spectrometric Biomarker Discovery. <i>Journal of Proteome Research</i> , 2007, 6, 571-581.	3.7	78
26	Proteomic analysis of mdx skeletal muscle: Great reduction of adenylate kinase 1 expression and enzymatic activity. <i>Proteomics</i> , 2003, 3, 1895-1903.	2.2	76
27	Phosphopeptide Derivatization Signatures To Identify Serine and Threonine Phosphorylated Peptides by Mass Spectrometry. <i>Analytical Chemistry</i> , 2001, 73, 5387-5394.	6.5	73
28	Analysis of the outer membrane proteome of <i>Caulobacter crescentus</i> by two-dimensional electrophoresis and mass spectrometry. <i>Proteomics</i> , 2001, 1, 705-720.	2.2	73
29	Polyomic profiling reveals significant hepatic metabolic alterations in glucagon-receptor (CCGR) knockout mice: implications on anti-glucagon therapies for diabetes. <i>BMC Genomics</i> , 2011, 12, 281.	2.8	72
30	Specific Armadillo Repeat Sequences Facilitate β -Catenin Nuclear Transport in Live Cells via Direct Binding to Nucleoporins Nup62, Nup153, and RanBP2/Nup358. <i>Journal of Biological Chemistry</i> , 2012, 287, 819-831.	3.4	66
31	Overlapping genes in natural and engineered genomes. <i>Nature Reviews Genetics</i> , 2022, 23, 154-168.	16.3	62
32	Large-scale evaluation of quantitative reproducibility and proteome coverage using acid cleavable isotope coded affinity tag mass spectrometry for proteomic profiling. <i>Proteomics</i> , 2005, 5, 1204-1208.	2.2	57
33	Comprehensive glycomics comparison between colon cancer cell cultures and tumours: Implications for biomarker studies. <i>Journal of Proteomics</i> , 2014, 108, 146-162.	2.4	57
34	Profiling the alkaline membrane proteome of <i>Caulobacter crescentus</i> with two-dimensional electrophoresis and mass spectrometry. <i>Proteomics</i> , 2002, 2, 899.	2.2	56
35	Protein Paucimannosylation Is an Enriched N-Glycosylation Signature of Human Cancers. <i>Proteomics</i> , 2019, 19, e1900010.	2.2	52
36	Differential expression of the skeletal muscle proteome in mdx mice at different ages. <i>Electrophoresis</i> , 2004, 25, 2576-2585.	2.4	45

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37	Expression of ALS/FTD-linked mutant CCNF in zebrafish leads to increased cell death in the spinal cord and an aberrant motor phenotype. <i>Human Molecular Genetics</i> , 2017, 26, 2616-2626.	2.9	44
38	Pathogenic mutation in the ALS/FTD gene, CCNF, causes elevated Lys48-linked ubiquitylation and defective autophagy. <i>Cellular and Molecular Life Sciences</i> , 2018, 75, 335-354.	5.4	44
39	Alternative assembly of respiratory complex II connects energy stress to metabolic checkpoints. <i>Nature Communications</i> , 2018, 9, 2221.	12.8	44
40	Proteomics of thyroid tumours provides new insights into their molecular composition and changes associated with malignancy. <i>Scientific Reports</i> , 2016, 6, 23660.	3.3	43
41	Quantitative Age-specific Variability of Plasma Proteins in Healthy Neonates, Children and Adults. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 924-935.	3.8	42
42	Unique Ion Signature Mass Spectrometry, a Deterministic Method to Assign Peptide Identity. <i>Molecular and Cellular Proteomics</i> , 2009, 8, 2051-2062.	3.8	40
43	Proteomics: Technologies and applications. <i>Briefings in Functional Genomics & Proteomics</i> , 2002, 1, 23-39.	3.8	39
44	The development of multiple reaction monitoring assays for liver-derived plasma proteins. <i>Proteomics - Clinical Applications</i> , 2007, 1, 1570-1581.	1.6	39
45	Development of a data independent acquisition mass spectrometry workflow to enable glycopeptide analysis without predefined glycan compositional knowledge. <i>Journal of Proteomics</i> , 2018, 172, 68-75.	2.4	39
46	Proteomic Identification of Lynchpin Urokinase Plasminogen Activator Receptor Protein Interactions Associated with Epithelial Cancer Malignancy. <i>Journal of Proteome Research</i> , 2007, 6, 1016-1028.	3.7	38
47	The necrotrophic effector protein SnTox3 re-programs metabolism and elicits a strong defence response in susceptible wheat leaves. <i>BMC Plant Biology</i> , 2014, 14, 215.	3.6	38
48	A longitudinal study of the protein components of marsupial milk from birth to weaning in the tammar wallaby (<i>Macropus eugenii</i>). <i>Developmental and Comparative Immunology</i> , 2009, 33, 152-161.	2.3	37
49	<i>Pseudomonas aeruginosa</i> Proteome under Hypoxic Stress Conditions Mimicking the Cystic Fibrosis Lung. <i>Journal of Proteome Research</i> , 2017, 16, 3917-3928.	3.7	37
50	Genetically and Phenotypically Distinct <i>Pseudomonas aeruginosa</i> Cystic Fibrosis Isolates Share a Core Proteomic Signature. <i>PLoS ONE</i> , 2015, 10, e0138527.	2.5	37
51	Identification of distinctive protein expression patterns in colorectal adenoma. <i>Proteomics - Clinical Applications</i> , 2010, 4, 60-70.	1.6	36
52	PGRMC1 phosphorylation affects cell shape, motility, glycolysis, mitochondrial form and function, and tumor growth. <i>BMC Molecular and Cell Biology</i> , 2020, 21, 24.	2.0	36
53	Phosphoproteomics of MAPK Inhibition in BRAF-Mutated Cells and a Role for the Lethal Synergism of Dual BRAF and CK2 Inhibition. <i>Molecular Cancer Therapeutics</i> , 2014, 13, 1894-1906.	4.1	35
54	Polyphenol extracts from dried sugarcane inhibit inflammatory mediators in an in vitro colon cancer model. <i>Journal of Proteomics</i> , 2018, 177, 1-10.	2.4	35

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55	Plasma biomarker proteins for detection of human growth hormone administration in athletes. <i>Scientific Reports</i> , 2017, 7, 10039.	3.3	34
56	Ionizing radiation reduces ADAM10 expression in brain microvascular endothelial cells undergoing stress-induced senescence. <i>Aging</i> , 2017, 9, 1248-1268.	3.1	33
57	Inter-laboratory evaluation of instrument platforms and experimental workflows for quantitative accuracy and reproducibility assessment. <i>EuPA Open Proteomics</i> , 2015, 8, 6-15.	2.5	32
58	Proteomic comparison of colorectal tumours and non-neoplastic mucosa from paired patient samples using iTRAQ mass spectrometry. <i>Molecular BioSystems</i> , 2011, 7, 2997.	2.9	31
59	TMT One-Stop Shop: From Reliable Sample Preparation to Computational Analysis Platform. <i>Methods in Molecular Biology</i> , 2017, 1549, 45-66.	0.9	30
60	Angiotensin II-Inducible Platelet-Derived Growth Factor-D Transcription Requires Specific Ser/Thr Residues in the Second Zinc Finger Region of Sp1. <i>Circulation Research</i> , 2008, 102, e38-51.	4.5	29
61	Casein kinase II phosphorylation of cyclin F at serine 621 regulates the Lys48-ubiquitylation E3 ligase activity of the SCF (cyclin F) complex. <i>Open Biology</i> , 2017, 7, 170058.	3.6	29
62	The Gut Microbiome and Cancer Immunotherapy: Can We Use the Gut Microbiome as a Predictive Biomarker for Clinical Response in Cancer Immunotherapy?. <i>Cancers</i> , 2021, 13, 4824.	3.7	29
63	The Australian proteome analysis facility (APAF): Assembling large scale proteomics through integration and automation. <i>Electrophoresis</i> , 1998, 19, 1883-1890.	2.4	28
64	Isolation of Bacterial Cell Membranes Proteins Using Carbonate Extraction. <i>Methods in Molecular Biology</i> , 2008, 424, 397-401.	0.9	28
65	Evaluation of blood collection tubes using selected reaction monitoring MS: Implications for proteomic biomarker studies. <i>Proteomics</i> , 2010, 10, 2050-2056.	2.2	28
66	<i>Pseudomonas aeruginosa</i> Cell Membrane Protein Expression from Phenotypically Diverse Cystic Fibrosis Isolates Demonstrates Host-Specific Adaptations. <i>Journal of Proteome Research</i> , 2016, 15, 2152-2163.	3.7	28
67	Characterisation of wool intermediate filament proteins separated by micropreparative two-dimensional electrophoresis. <i>Electrophoresis</i> , 1997, 18, 568-572.	2.4	27
68	Development of mini-gel technology in two-dimensional electrophoresis for mass-screening of samples: Application to tears. <i>Electrophoresis</i> , 1998, 19, 852-855.	2.4	27
69	Online Peptide Fractionation Using a Multiphasic Microfluidic Liquid Chromatography Chip Improves Reproducibility and Detection Limits for Quantitation in Discovery and Targeted Proteomics*. <i>Molecular and Cellular Proteomics</i> , 2015, 14, 1708-1719.	3.8	27
70	Phosphoproteomic Analysis of Cell-Based Resistance to BRAF Inhibitor Therapy in Melanoma. <i>Frontiers in Oncology</i> , 2015, 5, 95.	2.8	26
71	Proteomic profile of sex-sorted bull sperm evaluated by SWATH-MS analysis. <i>Animal Reproduction Science</i> , 2018, 198, 121-128.	1.5	26
72	An iTRAQ Proteomics Screen Reveals the Effects of the MDM2 Binding Ligand Nutlin-3 on Cellular Proteostasis. <i>Journal of Proteome Research</i> , 2012, 11, 5464-5478.	3.7	25

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73	Characterisation of the immune compounds in koala milk using a combined transcriptomic and proteomic approach. <i>Scientific Reports</i> , 2016, 6, 35011.	3.3	25
74	Fiber Supplements Derived From Sugarcane Stem, Wheat Dextrin and Psyllium Husk Have Different In Vitro Effects on the Human Gut Microbiota. <i>Frontiers in Microbiology</i> , 2018, 9, 1618.	3.5	25
75	Multiplex detection of ctDNA mutations in plasma of colorectal cancer patients by PCR/SERS assay. <i>Nanotheranostics</i> , 2020, 4, 224-232.	5.2	25
76	Changes in dietary fiber intake in mice reveal associations between colonic mucin <i>O</i> -glycosylation and specific gut bacteria. <i>Gut Microbes</i> , 2020, 12, 1802209.	9.8	25
77	Quantitative phosphoproteomics of transforming growth factor- β signaling in colon cancer cells. <i>Proteomics</i> , 2011, 11, 3390-3401.	2.2	24
78	A multiplexed, targeted mass spectrometry assay of the S100 protein family uncovers the isoform-specific expression in thyroid tumours. <i>BMC Cancer</i> , 2015, 15, 199.	2.6	24
79	Quantitation of the anticancer drug abiraterone and its metabolite β (4)-abiraterone in human plasma using high-resolution mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 154, 66-74.	2.8	23
80	Stoichiometry of <i>Saccharomyces cerevisiae</i> Lysine Methylation: Insights into Non-histone Protein Lysine Methyltransferase Activity. <i>Journal of Proteome Research</i> , 2014, 13, 1744-1756.	3.7	22
81	Identification of Novel Biomarkers in Pancreatic Tumor Tissue to Predict Response to Neoadjuvant Chemotherapy. <i>Frontiers in Oncology</i> , 2020, 10, 237.	2.8	22
82	SecDF as Part of the Sec-Translocase Facilitates Efficient Secretion of <i>Bacillus cereus</i> Toxins and Cell Wall-Associated Proteins. <i>PLoS ONE</i> , 2014, 9, e103326.	2.5	21
83	Quantitative mass spectrometry for colorectal cancer proteomics. <i>Proteomics - Clinical Applications</i> , 2013, 7, 42-54.	1.6	20
84	A proteomics-based approach identifies secreted protein acidic and rich in cysteine as a prognostic biomarker in malignant pleural mesothelioma. <i>British Journal of Cancer</i> , 2016, 114, 524-531.	6.4	20
85	Clinicopathological correlates and prognostic significance of maspin expression in 450 patients after potentially curative resection of node-positive colonic cancer. <i>Histopathology</i> , 2010, 56, 319-330.	2.9	19
86	Multidimensional Protein Identification Technology-Selected Reaction Monitoring Improving Detection and Quantification for Protein Biomarker Studies. <i>Analytical Chemistry</i> , 2012, 84, 1592-1600.	6.5	19
87	From mice to men: GEMMs as trial patients for new NSCLC therapies. <i>Seminars in Cell and Developmental Biology</i> , 2014, 27, 118-127.	5.0	19
88	Identification of wallaby milk whey proteins separated by two-dimensional electrophoresis, using amino acid analysis and sequence tagging. <i>Electrophoresis</i> , 1997, 18, 1073-1078.	2.4	18
89	Using proteomics to identify ubiquitin ligase-substrate pairs: how novel methods may unveil therapeutic targets for neurodegenerative diseases. <i>Cellular and Molecular Life Sciences</i> , 2019, 76, 2499-2510.	5.4	18
90	Metformin, Microbiome and Protection Against Colorectal Cancer. <i>Digestive Diseases and Sciences</i> , 2021, 66, 1409-1414.	2.3	18

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91	Proteome analysis of human adipocytes identifies depot-specific heterogeneity at metabolic control points. <i>American Journal of Physiology - Endocrinology and Metabolism</i> , 2021, 320, E1068-E1084.	3.5	18
92	Mutated in colorectal cancer protein modulates the NF κ B pathway. <i>Anticancer Research</i> , 2012, 32, 73-9.	1.1	18
93	Recent progress in selected reaction monitoring MS-driven plasma protein biomarker analysis. <i>Bioanalysis</i> , 2009, 1, 847-855.	1.5	17
94	ELF5 modulates the estrogen receptor cistrome in breast cancer. <i>PLoS Genetics</i> , 2020, 16, e1008531.	3.5	17
95	Label-free Selected Reaction Monitoring Enables Multiplexed Quantitation of S100 Protein Isoforms in Cancer Cells. <i>Journal of Proteome Research</i> , 2013, 12, 3679-3688.	3.7	16
96	Proteomics of hosts and pathogens in cystic fibrosis. <i>Proteomics - Clinical Applications</i> , 2015, 9, 134-146.	1.6	16
97	ALS/FTD-causing mutation in cyclin F causes the dysregulation of SFPQ. <i>Human Molecular Genetics</i> , 2021, 30, 971-984.	2.9	16
98	The mannose-6-phosphate analogue, PXS64, inhibits fibrosis via TGF β 1 pathway in human lung fibroblasts. <i>Immunology Letters</i> , 2015, 165, 90-101.	2.5	15
99	PSMD11, PTPRM and PTPRB as novel biomarkers of pancreatic cancer progression. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 2020, 1864, 129682.	2.4	15
100	The Gut Microbiome and Gastrointestinal Toxicities in Pelvic Radiation Therapy: A Clinical Review. <i>Cancers</i> , 2021, 13, 2353.	3.7	15
101	Emerging Evidence of the Gut Microbiome in Chemotherapy: A Clinical Review. <i>Frontiers in Oncology</i> , 2021, 11, 706331.	2.8	15
102	Comparing SILAC and Two-Dimensional Gel Electrophoresis Image Analysis for Profiling Urokinase Plasminogen Activator Signaling in Ovarian Cancer Cells. <i>Journal of Proteome Research</i> , 2007, 6, 2105-2112.	3.7	14
103	Differential Proteome Expression Associated with Urokinase Plasminogen Activator Receptor (uPAR) Suppression in Malignant Epithelial Cancer. <i>Journal of Proteome Research</i> , 2008, 7, 4792-4806.	3.7	14
104	Coverage and Consistency: Bioinformatics Aspects of the Analysis of Multirun iTRAQ Experiments with Wheat Leaves. <i>Journal of Proteome Research</i> , 2013, 12, 4870-4881.	3.7	14
105	Priming Adipose-Derived Mesenchymal Stem Cells with Hyaluronan Alters Growth Kinetics and Increases Attachment to Articular Cartilage. <i>Stem Cells International</i> , 2016, 2016, 1-13.	2.5	14
106	Organic macromolecules in shells of <i>Arctica islandica</i> : comparison with nacropismatic bivalve shells. <i>Marine Biology</i> , 2017, 164, 1.	1.5	14
107	Proteome profiling of <i>Pseudomonas aeruginosa</i> PAO1 identifies novel responders to copper stress. <i>BMC Microbiology</i> , 2019, 19, 69.	3.3	14
108	Genome Modularization Reveals Overlapped Gene Topology Is Necessary for Efficient Viral Reproduction. <i>ACS Synthetic Biology</i> , 2020, 9, 3079-3090.	3.8	14

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109	Proteomic Analysis of Whole Blood Using Volumetric Absorptive Microsampling for Precision Medicine Biomarker Studies. <i>Journal of Proteome Research</i> , 2022, 21, 1196-1203.	3.7	14
110	Towards clinical applications of selected reaction monitoring for plasma protein biomarker studies. <i>Proteomics - Clinical Applications</i> , 2012, 6, 42-59.	1.6	13
111	Radiosurgery Alters the Endothelial Surface Proteome: Externalized Intracellular Molecules as Potential Vascular Targets in Irradiated Brain Arteriovenous Malformations. <i>Radiation Research</i> , 2017, 187, 66.	1.5	13
112	Proteomic analysis of early lactation milk of the tammar wallaby (<i>Macropus eugenii</i>). <i>Comparative Biochemistry and Physiology Part D: Genomics and Proteomics</i> , 2007, 2, 150-164.	1.0	12
113	Clinicopathological correlates and prognostic significance of glutathione S-transferase Pi expression in 468 patients after potentially curative resection of node-positive colonic cancer. <i>Histopathology</i> , 2011, 59, 1057-1070.	2.9	12
114	Combining Protein Ratio-Values as a Pragmatic Approach to the Analysis of Multirun iTRAQ Experiments. <i>Journal of Proteome Research</i> , 2015, 14, 738-746.	3.7	12
115	Changes in the in vitro activity of platinum drugs when administered in two aliquots. <i>BMC Cancer</i> , 2016, 16, 688.	2.6	12
116	iSwathX: an interactive web-based application for extension of DIA peptide reference libraries. <i>Bioinformatics</i> , 2019, 35, 538-539.	4.1	12
117	The prognostic role of inflammatory markers in patients with metastatic colorectal cancer treated with bevacizumab: A translational study [ASCENT]. <i>PLoS ONE</i> , 2020, 15, e0229900.	2.5	12
118	SERS characterization of colorectal cancer cell surface markers upon anti-EGFR treatment. <i>Exploration</i> , 2022, 2, .	11.0	11
119	Quantitative chemical proteomics in small-scale culture of phorbol ester stimulated basal breast cancer cells. <i>Proteomics</i> , 2011, 11, 2683-2692.	2.2	10
120	Tandem Ion Exchange Fractionation of Chicken Egg White Reveals the Presence of Proliferative Bioactivity. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 4079-4088.	5.2	10
121	Inter- and intra-patient variability in pharmacokinetics of abiraterone acetate in metastatic prostate cancer. <i>Cancer Chemotherapy and Pharmacology</i> , 2019, 84, 139-146.	2.3	10
122	Data independent acquisition of plasma biomarkers of response to neoadjuvant chemotherapy in pancreatic ductal adenocarcinoma. <i>Journal of Proteomics</i> , 2021, 231, 103998.	2.4	10
123	Highly specific detection of KRAS single nucleotide polymorphism by asymmetric PCR/SERS assay. <i>Analyst</i> , 2021, 146, 5714-5721.	3.5	10
124	SWATH Mass Spectrometry for Proteomics of Non-Depleted Plasma. <i>Methods in Molecular Biology</i> , 2017, 1619, 373-383.	0.9	9
125	Proteomic phenotyping of metastatic melanoma reveals putative signatures of MEK inhibitor response and prognosis. <i>British Journal of Cancer</i> , 2018, 119, 713-723.	6.4	9
126	Bioanalytical evaluation of dried plasma spots for monitoring of abiraterone and α -(4)-abiraterone from cancer patients. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2019, 1126-1127, 121741.	2.3	9

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127	Molecular Features of Lymph Node Metastasis in T1/2 Colorectal Cancer from Formalin-Fixed Paraffin-Embedded Archival Specimens. <i>Journal of Proteome Research</i> , 2021, 20, 1304-1312.	3.7	9
128	Evaluation of Chemical Derivatisation Methods for Protein Identification using MALDI MS/MS. <i>International Journal of Peptide Research and Therapeutics</i> , 2006, 12, 225-235.	1.9	8
129	Radiation-Stimulated Translocation of CD166 and CRYAB to the Endothelial Surface Provides Potential Vascular Targets on Irradiated Brain Arteriovenous Malformations. <i>International Journal of Molecular Sciences</i> , 2019, 20, 5830.	4.1	8
130	Proteogenomic analysis of Inhibitor of Differentiation 4 (ID4) in basal-like breast cancer. <i>Breast Cancer Research</i> , 2020, 22, 63.	5.0	8
131	Proteomic and Transcriptomic Analysis of <i>Microviridae</i> X174 Infection Reveals Broad Upregulation of Host Escherichia coli Membrane Damage and Heat Shock Responses. <i>MSystems</i> , 2021, 6, .	3.8	8
132	Proteome of Staphylococcus aureus Biofilm Changes Significantly with Aging. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6415.	4.1	8
133	Recurrence patterns predict survival after resection of colorectal liver metastases. <i>ANZ Journal of Surgery</i> , 2022, 92, 2149-2156.	0.7	8
134	Reporting in studies of protein biomarkers of prognosis in colorectal cancer in relation to the REMARK guidelines. <i>Proteomics - Clinical Applications</i> , 2015, 9, 1078-1086.	1.6	7
135	Characterization of a beta-catenin nuclear localization defect in MCF-7 breast cancer cells. <i>Experimental Cell Research</i> , 2016, 341, 196-206.	2.6	7
136	Improving Protein Detection Confidence Using SWATH-Mass Spectrometry with Large Peptide Reference Libraries. <i>Proteomics</i> , 2017, 17, 1700174.	2.2	7
137	Identification of protein targets in cerebral endothelial cells for brain arteriovenous malformation (AVMs) molecular therapies. <i>Clinical Proteomics</i> , 2017, 14, 17.	2.1	7
138	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. <i>Clinical Proteomics</i> , 2018, 15, 43.	2.1	7
139	Identification of a Novel Ciprofloxacin Tolerance Gene, <i>aciT</i> , Which Contributes to Filamentation in <i>Acinetobacter baumannii</i> . <i>Antimicrobial Agents and Chemotherapy</i> , 2021, 65, .	3.2	7
140	Genomic, Microbial and Immunological Microenvironment of Colorectal Polyps. <i>Cancers</i> , 2021, 13, 3382.	3.7	7
141	Analytical performance of nano-ESI-MS/MS using nondepleted human plasma over an 18-month period. <i>Proteomics</i> , 2016, 16, 2118-2127.	2.2	6
142	Evaluating bioanalytical capabilities of paper spray ionization for abiraterone drug quantification in patient plasma. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4584.	1.6	6
143	Inhibitor of Differentiation 4 (ID4) represses mammary myoepithelial differentiation via inhibition of HEB. <i>IScience</i> , 2021, 24, 102072.	4.1	6
144	Proteomic Profiling and Biomarker Discovery in Colorectal Liver Metastases. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6091.	4.1	6

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145	Serotype classification and characterisation of the rotavirus SA11 VP6 protein using mass spectrometry and two-dimensional gel electrophoresis. <i>Functional and Integrative Genomics</i> , 2000, 1, 12-24.	3.5	5
146	Why complexity and entropy matter: Information, posttranslational modifications, and assay fidelity. <i>Proteomics</i> , 2012, 12, 1147-1150.	2.2	5
147	OmixLitMiner: A Bioinformatics Tool for Prioritizing Biological Leads from Omics Data Using Literature Retrieval and Data Mining. <i>International Journal of Molecular Sciences</i> , 2020, 21, 1374.	4.1	5
148	Presymptomatic Dutch-Type Hereditary Cerebral Amyloid Angiopathy-Related Blood Metabolite Alterations. <i>Journal of Alzheimer's Disease</i> , 2021, 79, 895-903.	2.6	5
149	Membrane proteins and proteomics: Un amour impossible?. , 0, .		5
150	Pharmacological Inhibition of Casein Kinase 2 Enhances the Effectiveness of PI3K Inhibition in Colon Cancer Cells. <i>Anticancer Research</i> , 2018, 38, 6195-6200.	1.1	4
151	Differential regulation of extracellular matrix proteins in three recurrent liver metastases of a single patient with colorectal cancer. <i>Clinical and Experimental Metastasis</i> , 2020, 37, 649-656.	3.3	4
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