

Paul A Haynes

List of Publications by Year in descending order

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166
papers

9,010
citations

41258

49
h-index

46693

89
g-index

178
all docs

178
docs citations

178
times ranked

11803
citing authors

#	ARTICLE	IF	CITATIONS
1	Induction of Cachexia in Mice by Systemically Administered Myostatin. <i>Science</i> , 2002, 296, 1486-1488.	6.0	829
2	Smooth Muscle Cell Phenotypic Transition Associated With Calcification. <i>Circulation Research</i> , 2001, 89, 1147-1154.	2.0	753
3	Less label, more free: Approaches in label-free quantitative mass spectrometry. <i>Proteomics</i> , 2011, 11, 535-553.	1.3	613
4	Protein Disulfide Bond Formation in the Cytoplasm during Oxidative Stress. <i>Journal of Biological Chemistry</i> , 2004, 279, 21749-21758.	1.6	391
5	Proteomic survey of metabolic pathways in rice. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2002, 99, 11969-11974.	3.3	386
6	Proteomic characterization of wheat amyloplasts using identification of proteins by tandem mass spectrometry. <i>Proteomics</i> , 2002, 2, 1156-1168.	1.3	195
7	Oligopeptidase B-dependent signaling mediates host cell invasion by <i>Trypanosoma cruzi</i> . <i>EMBO Journal</i> , 1998, 17, 4975-4986.	3.5	172
8	Physiological and molecular changes in <i>Oryza meridionalis</i> Ng., a heat-tolerant species of wild rice. <i>Journal of Experimental Botany</i> , 2010, 61, 191-202.	2.4	159
9	Proteome analysis: Biological assay or data archive?. <i>Electrophoresis</i> , 1998, 19, 1862-1871.	1.3	141
10	Multiple testing corrections in quantitative proteomics: A useful but blunt tool. <i>Proteomics</i> , 2016, 16, 2448-2453.	1.3	141
11	Identification of Proteins from a Cell Wall Fraction of the Diatom <i>Thalassiosira pseudonana</i> . <i>Molecular and Cellular Proteomics</i> , 2006, 5, 182-193.	2.5	131
12	Proteomic analysis indicates massive changes in metabolism prior to the inhibition of growth and photosynthesis of grapevine (<i>Vitis vinifera</i> L.) in response to water deficit. <i>BMC Plant Biology</i> , 2013, 13, 49.	1.6	122
13	Quantitative proteomic analysis of cold-responsive proteins in rice. <i>Proteomics</i> , 2011, 11, 1696-1706.	1.3	109
14	Proteomic Characterization of the <i>Chlamydomonas reinhardtii</i> Chloroplast Ribosome. <i>Journal of Biological Chemistry</i> , 2003, 278, 33774-33785.	1.6	108
15	Age-related neurodegenerative disease associated pathways identified in retinal and vitreous proteome from human glaucoma eyes. <i>Scientific Reports</i> , 2017, 7, 12685.	1.6	105
16	Shotgun Proteomic Analysis of Long-distance Drought Signaling in Rice Roots. <i>Journal of Proteome Research</i> , 2012, 11, 348-358.	1.8	92
17	Analysis of secreted proteins from <i>Aspergillus flavus</i> . <i>Proteomics</i> , 2005, 5, 3153-3161.	1.3	91
18	Proteomic analysis of temperature stress in plants. <i>Proteomics</i> , 2010, 10, 828-845.	1.3	91

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19	Amino acid analysis using derivatisation with 9-fluorenylmethyl chloroformate and reversed-phase high-performance liquid chromatography. <i>Journal of Chromatography A</i> , 1991, 540, 177-185.	1.8	90
20	Comprehensive proteomics in yeast using chromatographic fractionation, gas phase fractionation, protein gel electrophoresis, and isoelectric focusing. <i>Proteomics</i> , 2005, 5, 2018-2028.	1.3	90
21	Degradation of white wine haze proteins by Aspergillopepsin I and II during juice flash pasteurization. <i>Food Chemistry</i> , 2012, 135, 1157-1165.	4.2	89
22	Differential metabolic response of cultured rice (<i>Oryza sativa</i>) cells exposed to high and low temperature stress. <i>Proteomics</i> , 2010, 10, 3001-3019.	1.3	82
23	Applications of automated amino acid analysis using 9-fluorenylmethyl chloroformate. <i>Journal of Chromatography A</i> , 1991, 588, 107-114.	1.8	80
24	Root endophytic fungus <i>Piriformospora indica</i> improves drought stress adaptation in barley by metabolic and proteomic reprogramming. <i>Environmental and Experimental Botany</i> , 2019, 157, 197-210.	2.0	80
25	Investigative proteomics: Identification of an unknown plant virus from infected plants using mass spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 736-741.	1.2	79
26	Roles of Grape Thaumatin-like Protein and Chitinase in White Wine Haze Formation. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 733-740.	2.4	79
27	Proteome Profiling Pitfalls and Progress. <i>Yeast</i> , 2000, 1, 81-87.	0.8	78
28	Proteomic Characterization of the Small Subunit of <i>Chlamydomonas reinhardtii</i> Chloroplast Ribosome. <i>Plant Cell</i> , 2002, 14, 2957-2974.	3.1	78
29	Simultaneous Detection and Identification of O-GlcNAc-Modified Glycoproteins Using Liquid Chromatography-Tandem Mass Spectrometry. <i>Analytical Chemistry</i> , 2000, 72, 5402-5410.	3.2	76
30	Grape and Wine Proteins: Their Fractionation by Hydrophobic Interaction Chromatography and Identification by Chromatographic and Proteomic Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 4415-4425.	2.4	76
31	Differential regulation of aquaporins, small GTPases and V-ATPases proteins in rice leaves subjected to drought stress and recovery. <i>Proteomics</i> , 2012, 12, 864-877.	1.3	72
32	Phosphoglycosylation: A new structural class of glycosylation?. <i>Glycobiology</i> , 1998, 8, 1-5.	1.3	70
33	Characterization of the <i>Trypanosoma brucei</i> homologue of a <i>Trypanosoma cruzi</i> flagellum-adhesion glycoprotein. <i>Molecular and Biochemical Parasitology</i> , 1996, 82, 245-255.	0.5	69
34	Identification of gel-separated proteins by liquid chromatography-electrospray tandem mass spectrometry: Comparison of methods and their limitations. <i>Electrophoresis</i> , 1998, 19, 939-945.	1.3	68
35	Subcellular shotgun proteomics in plants: Looking beyond the usual suspects. <i>Proteomics</i> , 2007, 7, 2963-2975.	1.3	64
36	Rat Liver Membrane Glycoproteome: Enrichment by Phase Partitioning and Glycoprotein Capture. <i>Journal of Proteome Research</i> , 2009, 8, 770-781.	1.8	63

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37	The functional proteomics toolbox: methods and applications. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2002, 782, 165-181.	1.2	62
38	<i>DDX3Y</i> , a Male-Specific Region of Y Chromosome Gene, May Modulate Neuronal Differentiation. <i>Journal of Proteome Research</i> , 2015, 14, 3474-3483.	1.8	61
39	Mass spectrometric analysis of the editosome and other multiprotein complexes in <i>Trypanosoma brucei</i> . <i>Journal of the American Society for Mass Spectrometry</i> , 2003, 14, 728-735.	1.2	59
40	Mammalian forebrain ketimine reductase identified as β -crystallin; potential regulation by thyroid hormones. <i>Journal of Neurochemistry</i> , 2011, 118, 379-387.	2.1	59
41	Differential proteomic response of rice (<i>Oryza sativa</i>) leaves exposed to high- and low-temperature stress. <i>Proteomics</i> , 2011, 11, 2839-2850.	1.3	59
42	Proteomic discovery of biomarkers of metal contamination in Sydney Rock oysters (<i>Saccostrea</i>). <i>Journal of Proteome Research</i> , 2010, 9, 50-54.	1.9	59
43	Post-translational modifications of the <i>Dictyostelium discoideum</i> glycoprotein PsA. Glycosylphosphatidylinositol membrane anchor and composition of O-linked oligosaccharides. <i>FEBS Journal</i> , 1993, 216, 729-737.	0.2	58
44	Label-Free Quantitative Shotgun Proteomics Using Normalized Spectral Abundance Factors. <i>Methods in Molecular Biology</i> , 2013, 1002, 205-222.	0.4	56
45	Comparative Protein Expression in Different Strains of the Bloom-forming Cyanobacterium <i>Microcystis aeruginosa</i> . <i>Molecular and Cellular Proteomics</i> , 2011, 10, M110.003749.	2.5	54
46	Shotgun Proteomic Analysis of the Mexican Lime Tree Infected with <i>Candidatus Phytoplasma aurantifolia</i> . <i>Journal of Proteome Research</i> , 2013, 12, 785-795.	1.8	54
47	A proteomic analysis of the effects of metal contamination on Sydney Rock Oyster (<i>Saccostrea</i>). <i>Journal of Proteome Research</i> , 2010, 9, 50-54.	1.9	53
48	Post-translational processing targets functionally diverse proteins in <i>Mycoplasma hyopneumoniae</i> . <i>Open Biology</i> , 2016, 6, 150210.	1.5	53
49	NF45 and NF90 Regulate HS4-dependent Interleukin-13 Transcription in T Cells. <i>Journal of Biological Chemistry</i> , 2010, 285, 8256-8267.	1.6	52
50	A Fresh Look at the Male-specific Region of the Human Y Chromosome. <i>Journal of Proteome Research</i> , 2013, 12, 6-22.	1.8	52
51	Manipulating Root Water Supply Elicits Major Shifts in the Shoot Proteome. <i>Journal of Proteome Research</i> , 2014, 13, 517-526.	1.8	52
52	Characterization of the Rat Liver Membrane Proteome Using Peptide Immobilized pH Gradient Isoelectric Focusing. <i>Journal of Proteome Research</i> , 2008, 7, 1036-1045.	1.8	51
53	Quantitative proteomics of heavy metal stress responses in Sydney rock oysters. <i>Proteomics</i> , 2012, 12, 906-921.	1.3	51
54	Proteomic analysis of <i>Drosophila mojavensis</i> male accessory glands suggests novel classes of seminal fluid proteins. <i>Insect Biochemistry and Molecular Biology</i> , 2009, 39, 366-371.	1.2	50

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55	Quantitative proteomic analysis of two different rice varieties reveals that drought tolerance is correlated with reduced abundance of photosynthetic machinery and increased abundance of ClpD1 protease. <i>Journal of Proteomics</i> , 2016, 143, 73-82.	1.2	50
56	Two-Step Purification of Pathogenesis-Related Proteins from Grape Juice and Crystallization of Thaumatin-like Proteins. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 11376-11382.	2.4	49
57	Induction of virulence factors in <i>Giardia duodenalis</i> independent of host attachment. <i>Scientific Reports</i> , 2016, 6, 20765.	1.6	47
58	Structural characterization of novel oligosaccharides of cell-surface glycoproteins of <i>Trypanosoma cruzi</i> . <i>Glycobiology</i> , 1996, 6, 869-878.	1.3	46
59	Proteins of rat serum: III. Gender-related differences in protein concentration under baseline conditions and upon experimental inflammation as evaluated by two-dimensional electrophoresis. <i>Electrophoresis</i> , 1999, 20, 836-845.	1.3	46
60	Protein Expression Profiling of <i>Coccidioides posadasii</i> by Two-Dimensional Differential In-Gel Electrophoresis and Evaluation of a Newly Recognized Peroxisomal Matrix Protein as a Recombinant Vaccine Candidate. <i>Infection and Immunity</i> , 2006, 74, 1865-1872.	1.0	44
61	Five omic technologies are concordant in differentiating the biochemical characteristics of the berries of five grapevine (<i>Vitis vinifera</i> L.) cultivars. <i>BMC Genomics</i> , 2015, 16, 946.	1.2	41
62	Differential protein expression and post-translational modifications in metronidazole-resistant <i>Giardia duodenalis</i> . <i>GigaScience</i> , 2018, 7, .	3.3	41
63	Upregulation of Proteolytic Pathways and Altered Protein Biosynthesis Underlie Retinal Pathology in a Mouse Model of Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2019, 56, 6017-6034.	1.9	41
64	Quantitative proteomic analysis of cabernet sauvignon grape cells exposed to thermal stresses reveals alterations in sugar and phenylpropanoid metabolism. <i>Proteomics</i> , 2015, 15, 3048-3060.	1.3	40
65	Liver Membrane Proteome Glycosylation Changes in Mice Bearing an Extra-hepatic Tumor. <i>Molecular and Cellular Proteomics</i> , 2011, 10, M900538-MCP200.	2.5	38
66	High-throughput functional affinity purification of mannose binding proteins from <i>Oryza sativa</i> . <i>Proteomics</i> , 2003, 3, 1270-1278.	1.3	37
67	PlantPreS: A database for plant proteome response to stress. <i>Journal of Proteomics</i> , 2016, 143, 69-72.	1.2	37
68	Methamphetamine-Induced Sensitization Is Associated with Alterations to the Proteome of the Prefrontal Cortex: Implications for the Maintenance of Psychotic Disorders. <i>Journal of Proteome Research</i> , 2015, 14, 397-410.	1.8	36
69	Effects of low temperature on tropical and temperate isolates of marine <i>Synechococcus</i> . <i>ISME Journal</i> , 2016, 10, 1252-1263.	4.4	36
70	Conservation of the lipooligosaccharide synthesis locus <i>lgt</i> among strains of <i>Neisseria gonorrhoeae</i> : requirement for <i>lgtE</i> in synthesis of the 2C7 epitope and of the beta chain of strain 15253.. <i>Journal of Experimental Medicine</i> , 1996, 184, 1233-1241.	4.2	35
71	Two Splice Variants of Y Chromosome-Located Lysine-Specific Demethylase 5D Have Distinct Function in Prostate Cancer Cell Line (DU-145). <i>Journal of Proteome Research</i> , 2015, 14, 3492-3502.	1.8	35
72	Comparative Analysis of Aducanumab, Zagotenemab and Pioglitazone as Targeted Treatment Strategies for Alzheimer's Disease. , 2021, 12, 1964.		35

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73	Comparative proteomic analysis of a sea urchin (<i>Heliocidaris erythrogramma</i>) antibacterial response revealed the involvement of apextrin and calreticulin. <i>Journal of Invertebrate Pathology</i> , 2011, 106, 223-229.	1.5	34
74	Composition and Structure of the 80S Ribosome from the Green Alga <i>Chlamydomonas reinhardtii</i> : 80S Ribosomes are Conserved in Plants and Animals. <i>Journal of Molecular Biology</i> , 2005, 351, 266-279.	2.0	33
75	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
76	Time to articulate a vision for the future of plant proteomics – A global perspective: An initiative for establishing the International Plant Proteomics Organization (INPPO). <i>Proteomics</i> , 2011, 11, 1559-1568.	1.3	31
77	Shotgun Label-Free Quantitative Proteomics of Water-Deficit-Stressed Midmature Peanut (<i>Arachis</i>) Tj ETQq1 1 0.784314 rgBJ /Overlock	1.8	31
78	Proteome Analysis of Ground State Pluripotency. <i>Scientific Reports</i> , 2016, 5, 17985.	1.6	31
79	PloGO: Plotting gene ontology annotation and abundance in multi-condition proteomics experiments. <i>Proteomics</i> , 2012, 12, 406-410.	1.3	30
80	Crystal Structure of Lsm3 Octamer from <i>Saccharomyces cerevisiae</i> : Implications for Lsm Ring Organisation and Recruitment. <i>Journal of Molecular Biology</i> , 2008, 377, 1357-1371.	2.0	29
81	Pollen development in cotton (<i>Gossypium hirsutum</i>) is highly sensitive to heat exposure during the tetrad stage. <i>Plant, Cell and Environment</i> , 2021, 44, 2150-2166.	2.8	29
82	Amyloid β Induces Early Changes in the Ribosomal Machinery, Cytoskeletal Organization and Oxidative Phosphorylation in Retinal Photoreceptor Cells. <i>Frontiers in Molecular Neuroscience</i> , 2019, 12, 24.	1.4	28
83	A Simplified Gradient Solvent Delivery System for Capillary Liquid Chromatography – Electro spray Ionization Mass Spectrometry. <i>Analytical Biochemistry</i> , 1998, 265, 129-138.	1.1	27
84	A Combination of Immobilised pH Gradients Improves Membrane Proteomics. <i>Journal of Proteome Research</i> , 2008, 7, 4974-4981.	1.8	27
85	Shotgun proteomics of coelomic fluid from the purple sea urchin, <i>Strongylocentrotus purpuratus</i> . <i>Developmental and Comparative Immunology</i> , 2013, 40, 35-50.	1.0	27
86	Proteomic analysis in <i>Giardia duodenalis</i> yields insights into strain virulence and antigenic variation. <i>Proteomics</i> , 2014, 14, 2523-2534.	1.3	27
87	Mitochondrial dysfunction in Alzheimer's disease - a proteomics perspective. <i>Expert Review of Proteomics</i> , 2021, 18, 295-304.	1.3	27
88	Proteomic analysis of the dorsal and ventral hippocampus of rats maintained on a high fat and refined sugar diet. <i>Proteomics</i> , 2013, 13, 3076-3091.	1.3	25
89	The Art of Validating Quantitative Proteomics Data. <i>Proteomics</i> , 2018, 18, e1800222.	1.3	25
90	Quantitative proteomic analysis of human testis reveals system-wide molecular and cellular pathways associated with non-obstructive azoospermia. <i>Journal of Proteomics</i> , 2017, 162, 141-154.	1.2	24

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91	Low Focal Adhesion Signaling Promotes Ground State Pluripotency of Mouse Embryonic Stem Cells. <i>Journal of Proteome Research</i> , 2017, 16, 3585-3595.	1.8	23
92	Prospective Isolation of ISL1+ Cardiac Progenitors from Human ESCs for Myocardial Infarction Therapy. <i>Stem Cell Reports</i> , 2018, 10, 848-859.	2.3	23
93	Discovery of Novel Cell Surface Markers for Purification of Embryonic Dopamine Progenitors for Transplantation in Parkinson's Disease Animal Models. <i>Molecular and Cellular Proteomics</i> , 2018, 17, 1670-1684.	2.5	23
94	Proteomic Responses to Drought Vary Widely Among Eight Diverse Genotypes of Rice (<i>Oryza sativa</i>). <i>International Journal of Molecular Sciences</i> , 2020, 21, 363.	1.8	23
95	The influence of signals from chilled roots on the proteome of shoot tissues in rice seedlings. <i>Proteomics</i> , 2013, 13, 1922-1933.	1.3	22
96	Plant-Microbe Symbiosis: What Has Proteomics Taught Us?. <i>Proteomics</i> , 2019, 19, e1800105.	1.3	22
97	Retinal proteomics of experimental glaucoma model reveal intraocular pressure-induced mediators of neurodegenerative changes. <i>Journal of Cellular Biochemistry</i> , 2020, 121, 4931-4944.	1.2	21
98	Quantitative proteomic analysis of <i>Giardia duodenalis</i> assemblage A: A baseline for host, assemblage, and isolate variation. <i>Proteomics</i> , 2015, 15, 2281-2285.	1.3	20
99	Quantitative proteomics in <i>Giardia duodenalis</i> - Achievements and challenges. <i>Molecular and Biochemical Parasitology</i> , 2016, 208, 96-112.	0.5	20
100	Verification of single-peptide protein identifications by the application of complementary database search algorithms. <i>Journal of Biomolecular Techniques</i> , 2006, 17, 327-32.	0.8	20
101	Transcript and protein profiling identify candidate gene sets of potential adaptive significance in New Zealand <i>Pachycladon</i> . <i>BMC Evolutionary Biology</i> , 2010, 10, 151.	3.2	19
102	A web site for the Rat Serum Protein Study Group. <i>Electrophoresis</i> , 1999, 20, 3599-3602.	1.3	17
103	Time course proteomic profiling of cellular responses to immunological challenge in the sea urchin, <i>Heliocidaris erythrogramma</i> . <i>Developmental and Comparative Immunology</i> , 2012, 37, 243-256.	1.0	17
104	Characterisation of oligosaccharides from a glycoprotein variant of human serum albumin (albumin) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 spectroscopy. <i>Biomedical Applications</i> , 1992, 581, 187-193.	1.7	16
105	Proteomics of Important Food Crops in the Asia Oceania Region: Current Status and Future Perspectives. <i>Journal of Proteome Research</i> , 2015, 14, 2723-2744.	1.8	16
106	The generation gap: Proteome changes and strain variation during encystation in <i>Giardia duodenalis</i> . <i>Molecular and Biochemical Parasitology</i> , 2015, 201, 47-56.	0.5	16
107	Key Genes and Biochemical Networks in Various Brain Regions Affected in Alzheimer's Disease. <i>Cells</i> , 2022, 11, 987.	1.8	16
108	Relative quantification of phosphoproteomic changes in grapevine (<i>Vitis vinifera</i> L.) leaves in response to abscisic acid. <i>Horticulture Research</i> , 2016, 3, 16029.	2.9	15

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109	Development of a System for the Study of Protein-Protein Interactions in Plants: Characterization of a TATA-Box Binding Protein Complex in <i>Oryza sativa</i> . <i>Journal of Proteome Research</i> , 2003, 2, 514-522.	1.8	14
110	Shotgun proteomic profiling of five species of New Zealand <i>Pachycladon</i> . <i>Proteomics</i> , 2011, 11, 166-171.	1.3	14
111	Plant Proteogenomics: From Protein Extraction to Improved Gene Predictions. <i>Methods in Molecular Biology</i> , 2013, 1002, 267-294.	0.4	14
112	Protein identification and quantification from riverbank grape, <i>Vitis riparia</i> : Comparing SDS-PAGE and FASP-GFP techniques for shotgun proteomic analysis. <i>Proteomics</i> , 2015, 15, 3061-3065.	1.3	14
113	Shotgun proteomic analysis of photoperiod regulated dormancy induction in grapevine. <i>Journal of Proteomics</i> , 2018, 187, 13-24.	1.2	14
114	Wild and Cultivated Species of Rice Have Distinctive Proteomic Responses to Drought. <i>International Journal of Molecular Sciences</i> , 2020, 21, 5980.	1.8	14
115	Proteomic Analysis of Shade-Avoidance Response in Tomato Leaves. <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 8310-8318.	2.4	13
116	Engineered Rings of Mixed Yeast Lsm Proteins Show Differential Interactions with Translation Factors and U-Rich RNA. <i>Biochemistry</i> , 2010, 49, 2335-2345.	1.2	13
117	Analysis of Rice Proteins Using SDS-PAGE Shotgun Proteomics. <i>Methods in Molecular Biology</i> , 2014, 1072, 289-302.	0.4	13
118	Identification of proteins from 4200-year-old skin and muscle tissue biopsies from ancient Egyptian mummies of the first intermediate period shows evidence of acute inflammation and severe immune response. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2016, 374, 20150373.	1.6	11
119	A Proteomic View of Cellular and Molecular Effects of Cannabis. <i>Biomolecules</i> , 2021, 11, 1411.	1.8	11
120	Multiple Abiotic Stresses Applied Simultaneously Elicit Distinct Responses in Two Contrasting Rice Cultivars. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1739.	1.8	11
121	Plant Proteomics. <i>Proteomics</i> , 2011, 11, 1557-1558.	1.3	10
122	Quantitative shotgun proteomics reveals extensive changes to the proteome of the orbitofrontal cortex in rats that are hyperactive following withdrawal from a high sugar diet. <i>Proteomics</i> , 2016, 16, 657-673.	1.3	10
123	Biomarkers of Winter Mortality resistance in selectively bred Sydney rock oysters (<i>Saccostrea</i>) Tj ETQq1 1 0.784314 rgBT / Overlock 10 Tf 50 14	1.7	10
124	The biology of environmental stress: molecular biomarkers in Sydney rock oysters (<i>Saccostrea</i>) Tj ETQq0 0 0 rgBT / Overlock 10 Tf 50 14	1.7	10
125	Potential protein biomarkers of QX disease resistance in selectively bred Sydney Rock Oysters. <i>Aquaculture</i> , 2018, 495, 144-152.	1.7	10
126	Current perspectives in proteomic analysis of abiotic stress in Grapevines. <i>Frontiers in Plant Science</i> , 2014, 5, 686.	1.7	9

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127	Proteomes of Leaf-Growing Zones in Rice Genotypes with Contrasting Drought Tolerance. <i>Proteomics</i> , 2019, 19, 1800310.	1.3	9
128	Evidence from the proteome for local adaptation to extreme heat in a widespread tree species. <i>Functional Ecology</i> , 2019, 33, 436-446.	1.7	9
129	The Hsp90 inhibitor SNX-7081 is synergistic with fludarabine nucleoside via DNA damage and repair mechanisms in human, p53-negative chronic lymphocytic leukemia. <i>Oncotarget</i> , 2015, 6, 40981-40997.	0.8	9
130	Proteomics study reveals the molecular mechanisms underlying cryotolerance induced by mild sublethal stress in human sperm. <i>Cell and Tissue Research</i> , 2022, 387, 143-157.	1.5	9
131	Quantitative Proteomic Analysis of the Orbital Frontal Cortex in Rats Following Extended Exposure to Caffeine Reveals Extensive Changes to Protein Expression: Implications for Neurological Disease. <i>Journal of Proteome Research</i> , 2016, 15, 1455-1471.	1.8	8
132	Surface markers of human embryonic stem cells: a meta analysis of membrane proteomics reports. <i>Expert Review of Proteomics</i> , 2018, 15, 911-922.	1.3	8
133	The Quest for Missing Proteins in Rice. <i>Molecular Plant</i> , 2019, 12, 4-6.	3.9	8
134	Amyloid-beta peptide neurotoxicity in human neuronal cells is associated with modulation of insulin-like growth factor transport, lysosomal machinery and extracellular matrix receptor interactions. <i>Neural Regeneration Research</i> , 2020, 15, 2131.	1.6	8
135	Development of a novel minimally invasive sampling and analysis technique using skin sampling tape strips for bioarchaeological proteomics. <i>Journal of Archaeological Science</i> , 2022, 139, 105548.	1.2	8
136	Two-Dimensional Differential In-Gel Electrophoresis (DIGE) of Leaf and Roots of <i>Lycopersicon esculentum</i> . , 2007, 355, 157-174.		7
137	Proteomic analysis of a filamentous fungal endophyte using EST datasets. <i>Proteomics</i> , 2009, 9, 2295-2300.	1.3	7
138	Differential glycosylation of epitope-tagged glycoprotein Gp72 during the <i>Trypanosoma cruzi</i> life cycle. <i>Molecular and Biochemical Parasitology</i> , 1996, 83, 253-256.	0.5	6
139	Data from a proteomic baseline study of Assemblage A in <i>Giardia duodenalis</i> . <i>Data in Brief</i> , 2015, 5, 23-27.	0.5	6
140	The wildcat toolbox: a set of perl script utilities for use in peptide mass spectral database searching and proteomics experiments. <i>Journal of Biomolecular Techniques</i> , 2006, 17, 97-102.	0.8	6
141	Two-Dimensional Nanoflow Liquid Chromatography-Tandem Mass Spectrometry of Proteins Extracted from Rice Leaves and Roots. , 2007, 355, 249-266.		5
142	Applications of Quantitative Proteomics in Plant Research. , 2016, , 1-29.		5
143	Label-free and isobaric tandem mass tag (TMT) multiplexed quantitative proteomic data of two contrasting rice cultivars exposed to drought stress and recovery. <i>Data in Brief</i> , 2019, 22, 697-702.	0.5	5
144	The phosphoproteome of rice leaves responds to water and nitrogen supply. <i>Molecular Omics</i> , 2021, 17, 706-718.	1.4	5

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145	Mouse model of Alzheimer's disease demonstrates differential effects of early disease pathology on various brain regions. <i>Proteomics</i> , 2021, 21, e2000213.	1.3	5
146	Partial Characterization of a Vicilin-Like Glycoprotein from Seeds of Flowering Tobacco (<i>Nicotiana glauca</i>). <i>Journal of Proteome Research</i> , 2012, 11, 1242-1256.	1.2	4
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