

Jenny Renaut

List of Publications by Year in descending order

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176
papers

8,205
citations

50244

46
h-index

58549

82
g-index

183
all docs

183
docs citations

183
times ranked

9881
citing authors

#	ARTICLE	IF	CITATIONS
1	Plant proteome changes under abiotic stress – Contribution of proteomics studies to understanding plant stress response. <i>Journal of Proteomics</i> , 2011, 74, 1301-1322.	1.2	700
2	Insights into the molecular regulation of monolignol-derived product biosynthesis in the growing hemp hypocotyl. <i>BMC Plant Biology</i> , 2018, 18, 1.	1.6	368
3	Gradual Soil Water Depletion Results in Reversible Changes of Gene Expression, Protein Profiles, Ecophysiology, and Growth Performance in <i>Populus euphratica</i> , a Poplar Growing in Arid Regions. <i>Plant Physiology</i> , 2007, 143, 876-892.	2.3	338
4	Comparative proteomic study of arsenic-induced differentially expressed proteins in rice roots reveals glutathione plays a central role during As stress. <i>Proteomics</i> , 2008, 8, 3561-3576.	1.3	243
5	Plant Abiotic Stress Proteomics: The Major Factors Determining Alterations in Cellular Proteome. <i>Frontiers in Plant Science</i> , 2018, 9, 122.	1.7	240
6	Recent developments in the application of proteomics to the analysis of plant responses to heavy metals. <i>Proteomics</i> , 2009, 9, 2602-2621.	1.3	215
7	Quantitative changes in protein expression of cadmium-exposed poplar plants. <i>Proteomics</i> , 2008, 8, 2514-2530.	1.3	200
8	Proteome analysis of non-model plants: A challenging but powerful approach. <i>Mass Spectrometry Reviews</i> , 2008, 27, 354-377.	2.8	180
9	Proteomics and low-temperature studies: bridging the gap between gene expression and metabolism. <i>Physiologia Plantarum</i> , 2006, 126, 97-109.	2.6	155
10	Responses of Poplar to Chilling Temperatures: Proteomic and Physiological Aspects. <i>Plant Biology</i> , 2004, 6, 81-90.	1.8	151
11	Gel-Based and Gel-Free Quantitative Proteomics Approaches at a Glance. <i>International Journal of Plant Genomics</i> , 2012, 2012, 1-17.	2.2	148
12	Animal board invited review: advances in proteomics for animal and food sciences. <i>Animal</i> , 2015, 9, 1-17.	1.3	143
13	Combining Proteomics and Metabolite Analyses To Unravel Cadmium Stress-Response in Poplar Leaves. <i>Journal of Proteome Research</i> , 2009, 8, 400-417.	1.8	142
14	Proteomic and enzymatic response of poplar to cadmium stress. <i>Journal of Proteomics</i> , 2009, 72, 379-396.	1.2	121
15	Salicylic acid is an indispensable component of the Ny-1 resistance-gene-mediated response against Potato virus Y infection in potato. <i>Journal of Experimental Botany</i> , 2014, 65, 1095-1109.	2.4	117
16	A comparative proteomic analysis of tomato leaves in response to waterlogging stress. <i>Physiologia Plantarum</i> , 2007, 131, 555-570.	2.6	116
17	Proteomics research on forest trees, the most recalcitrant and orphan plant species. <i>Phytochemistry</i> , 2011, 72, 1219-1242.	1.4	108
18	A DIGE analysis of developing poplar leaves subjected to ozone reveals major changes in carbon metabolism. <i>Proteomics</i> , 2007, 7, 1584-1599.	1.3	104

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19	Proteome Analysis of Cold Response in Spring and Winter Wheat (<i>Triticum aestivum</i>) Crowns Reveals Similarities in Stress Adaptation and Differences in Regulatory Processes between the Growth Habits. <i>Journal of Proteome Research</i> , 2013, 12, 4830-4845.	1.8	102
20	Quantitative proteomic analysis of short photoperiod and low-temperature responses in bark tissues of peach (<i>Prunus persica</i> L. Batsch). <i>Tree Genetics and Genomes</i> , 2008, 4, 589-600.	0.6	101
21	Effects of silver nanoparticles and ions on a co-culture model for the gastrointestinal epithelium. <i>Particle and Fibre Toxicology</i> , 2015, 13, 9.	2.8	99
22	A biomolecular isolation framework for eco-systems biology. <i>ISME Journal</i> , 2013, 7, 110-121.	4.4	97
23	Effects of the Endocrine Disruptors Atrazine and PCB 153 on the Protein Expression of MCF-7 Human Cells. <i>Journal of Proteome Research</i> , 2009, 8, 5485-5496.	1.8	94
24	Acute metal stress in <i>Populus tremula</i> — <i>P. alba</i> (717B4 genotype): Leaf and cambial proteome changes induced by cadmium ²⁺ . <i>Proteomics</i> , 2010, 10, 349-368.	1.3	94
25	Differential regulation of two dehydrin genes from peach (<i>Prunus persica</i>) by photoperiod, low temperature and water deficit. <i>Tree Physiology</i> , 2006, 26, 575-584.	1.4	92
26	Proteomics of life at low temperatures: trigger factor is the primary chaperone in the Antarctic bacterium <i>Pseudoalteromonas haloplanktis</i> TAC125. <i>Molecular Microbiology</i> , 2010, 76, 120-132.	1.2	91
27	Towards a synthetic view of potato cold and salt stress response by transcriptomic and proteomic analyses. <i>Plant Molecular Biology</i> , 2012, 78, 503-514.	2.0	86
28	Biochemical and physiological mechanisms related to cold acclimation and enhanced freezing tolerance in poplar plantlets. <i>Physiologia Plantarum</i> , 2005, 125, 82-94.	2.6	79
29	Differential cadmium and zinc distribution in relation to their physiological impact in the leaves of the accumulating <i>Zygophyllum fabago</i> ... <i>Plant, Cell and Environment</i> , 2014, 37, 1299-1320.	2.8	75
30	Analysis of proteome and frost tolerance in chromosome 5A and 5B reciprocal substitution lines between two winter wheats during long-term cold acclimation. <i>Proteomics</i> , 2012, 12, 68-85.	1.3	71
31	A decade of plant proteomics and mass spectrometry: Translation of technical advancements to food security and safety issues. <i>Mass Spectrometry Reviews</i> , 2013, 32, 335-365.	2.8	70
32	The quest for tolerant varieties: the importance of integrating omics-techniques to phenotyping. <i>Frontiers in Plant Science</i> , 2015, 6, 448.	1.7	67
33	Plant Extracellular Vesicles and Nanovesicles: Focus on Secondary Metabolites, Proteins and Lipids with Perspectives on Their Potential and Sources. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3719.	1.8	67
34	Gene expression in potato during cold exposure: Changes in carbohydrate and polyamine metabolisms. <i>Plant Science</i> , 2008, 175, 839-852.	1.7	64
35	The impact of atmospheric composition on plants: A case study of ozone and poplar. <i>Mass Spectrometry Reviews</i> , 2009, 28, 495-516.	2.8	64
36	Translational plant proteomics: A perspective. <i>Journal of Proteomics</i> , 2012, 75, 4588-4601.	1.2	63

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37	Global Analysis of Genes Regulated by Low Temperature and Photoperiod in Peach Bark. <i>Journal of the American Society for Horticultural Science</i> , 2006, 131, 551-563.	0.5	59
38	Embryo-specific Proteins in <i>Cyclamen persicum</i> Analyzed with 2-D DIGE. <i>Journal of Plant Growth Regulation</i> , 2008, 27, 353-369.	2.8	56
39	Does long-term cadmium exposure influence the composition of pectic polysaccharides in the cell wall of <i>Medicago sativa</i> stems?. <i>BMC Plant Biology</i> , 2019, 19, 271.	1.6	56
40	Long-term cadmium exposure influences the abundance of proteins that impact the cell wall structure in <i>Medicago sativa</i> stems. <i>Plant Biology</i> , 2018, 20, 1023-1035.	1.8	54
41	Quantitative analysis of proteome extracted from barley crowns grown under different drought conditions. <i>Frontiers in Plant Science</i> , 2015, 6, 479.	1.7	53
42	Human Muscle Proteome Modifications after Acute or Repeated Eccentric Exercises. <i>Medicine and Science in Sports and Exercise</i> , 2011, 43, 2281-2296.	0.2	52
43	Proteomic analysis of plasma samples from patients with acute myocardial infarction identifies haptoglobin as a potential prognostic biomarker. <i>Journal of Proteomics</i> , 2011, 75, 229-236.	1.2	50
44	Exposure of <i>Lycopersicon Esculentum</i> to Microcystin-LR: Effects in the Leaf Proteome and Toxin Translocation from Water to Leaves and Fruits. <i>Toxins</i> , 2014, 6, 1837-1854.	1.5	50
45	One dry summer: A leaf proteome study on the response of oak to drought exposure. <i>Journal of Proteomics</i> , 2011, 74, 1385-1395.	1.2	49
46	The membrane proteome of <i>Medicago truncatula</i> roots displays qualitative and quantitative changes in response to arbuscular mycorrhizal symbiosis. <i>Journal of Proteomics</i> , 2014, 108, 354-368.	1.2	49
47	Exploring chloroplastic changes related to chilling and freezing tolerance during cold acclimation of pea (<i>Pisum sativum</i> L.). <i>Journal of Proteomics</i> , 2013, 80, 145-159.	1.2	48
48	Potato (<i>Solanum tuberosum</i> L.) tuber ageing induces changes in the proteome and antioxidants associated with the sprouting pattern. <i>Journal of Experimental Botany</i> , 2009, 60, 1273-1288.	2.4	47
49	Poplar under drought: Comparison of leaf and cambial proteomic responses. <i>Journal of Proteomics</i> , 2011, 74, 1396-1410.	1.2	46
50	Changes in sugar content and proteome of potato in response to cold and dehydration stress and their implications for cryopreservation. <i>Journal of Proteomics</i> , 2014, 98, 99-111.	1.2	46
51	Proteomic analysis of apoplastic fluid of <i>Coffea arabica</i> leaves highlights novel biomarkers for resistance against <i>Hemileia vastatrix</i> . <i>Frontiers in Plant Science</i> , 2015, 6, 478.	1.7	46
52	The old 3-oxoadipate pathway revisited: New insights in the catabolism of aromatics in the saprophytic fungus <i>Aspergillus nidulans</i> . <i>Fungal Genetics and Biology</i> , 2015, 74, 32-44.	0.9	45
53	The Proapoptotic C16-ceramide-Dependent Pathway Requires the Death-Promoting Factor Btf in Colon Adenocarcinoma Cells. <i>Journal of Proteome Research</i> , 2009, 8, 4810-4822.	1.8	43
54	Unravelling the effect of sucrose and cold pretreatment on cryopreservation of potato through sugar analysis and proteomics. <i>Cryobiology</i> , 2015, 71, 432-441.	0.3	43

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55	A proteomics study of colostrum and milk from the two major small ruminant dairy breeds from the Canary Islands: a bovine milk comparison perspective. <i>Journal of Dairy Research</i> , 2016, 83, 366-374.	0.7	42
56	Identification of Differentially Expressed Proteins in Curcumin-Treated Prostate Cancer Cell Lines. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 289-300.	1.0	41
57	Integrated proteomics and metabolomics to unlock global and clonal responses of Eucalyptus globulus recovery from water deficit. <i>Metabolomics</i> , 2016, 12, 1.	1.4	41
58	Changes in the Proteome of <i>Medicago sativa</i> Leaves in Response to Long-Term Cadmium Exposure Using a Cell-Wall Targeted Approach. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2498.	1.8	41
59	Proteomic changes in leaves of poplar exposed to both cadmium and low-temperature. <i>Environmental and Experimental Botany</i> , 2014, 106, 112-123.	2.0	40
60	Effect of temperature on the pathogenesis, accumulation of viral and satellite RNAs and on plant proteome in peanut stunt virus and satellite RNA-infected plants. <i>Frontiers in Plant Science</i> , 2015, 6, 903.	1.7	40
61	Molecular insights into plant desiccation tolerance: transcriptomics, proteomics and targeted metabolite profiling in <i>Craterostigma plantagineum</i> . <i>Plant Journal</i> , 2021, 107, 377-398.	2.8	40
62	Proteomic evaluation of wound-healing processes in potato (<i>Solanum tuberosum</i> L.) tuber tissue. <i>Proteomics</i> , 2009, 9, 4154-4175.	1.3	39
63	Differential Protein Expression in Response to Abiotic Stress in Two Potato Species: <i>Solanum commersonii</i> Dun and <i>Solanum tuberosum</i> L.. <i>International Journal of Molecular Sciences</i> , 2013, 14, 4912-4933.	1.8	39
64	Proteomic changes in rat hippocampus and adrenals following short-term sleep deprivation. <i>Proteome Science</i> , 2008, 6, 14.	0.7	38
65	Characterization of maize allergens MON810 vs. its non-transgenic counterpart. <i>Journal of Proteomics</i> , 2012, 75, 2027-2037.	1.2	38
66	Physiological and proteomic changes suggest an important role of cell walls in the high tolerance to metals of <i>Elodea nuttallii</i> . <i>Journal of Hazardous Materials</i> , 2013, 263, 575-583.	6.5	37
67	Pathogenic <i>Leptospires</i> Modulate Protein Expression and Post-translational Modifications in Response to Mammalian Host Signals. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 362.	1.8	36
68	Alteration of plasma membrane-bound redox systems of iron deficient pea roots by chitosan. <i>Journal of Proteomics</i> , 2011, 74, 1437-1449.	1.2	35
69	Proteins associated with cork formation in <i>Quercus suber</i> L. stem tissues. <i>Journal of Proteomics</i> , 2011, 74, 1266-1278.	1.2	35
70	Comparative proteomic analysis of <i>Salmonella</i> tolerance to the biocide active agent triclosan. <i>Journal of Proteomics</i> , 2012, 75, 4505-4519.	1.2	35
71	Optimization of iTRAQ labelling coupled to OFFGEL fractionation as a proteomic workflow to the analysis of microsomal proteins of <i>Medicago truncatula</i> roots. <i>Proteome Science</i> , 2012, 10, 37.	0.7	34
72	Proteomic changes associated with freeze-thaw injury and post-thaw recovery in onion (<i>Allium</i>)	2.8	34

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73	The use of 2D-electrophoresis and de novo sequencing to characterize inter- and intra-cultivar protein polymorphisms in an allopolyploid crop. <i>Phytochemistry</i> , 2011, 72, 1243-1250.	1.4	33
74	An improved protocol to study the plant cell wall proteome. <i>Frontiers in Plant Science</i> , 2015, 6, 237.	1.7	33
75	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
76	Protein actors sustaining arbuscular mycorrhizal symbiosis: underground artists break the silence. <i>New Phytologist</i> , 2013, 199, 26-40.	3.5	31
77	A proteome analysis of freezing tolerance in red clover (<i>Trifolium pratense</i> L.). <i>BMC Plant Biology</i> , 2016, 16, 65.	1.6	31
78	Differential impact of chronic ozone exposure on expanding and fully expanded poplar leaves. <i>Tree Physiology</i> , 2010, 30, 1415-1432.	1.4	30
79	The response of <i>Mucor plumbeus</i> to pentachlorophenol: A toxicoproteomics study. <i>Journal of Proteomics</i> , 2013, 78, 159-171.	1.2	28
80	A physiological and proteomic study of poplar leaves during ozone exposure combined with mild drought. <i>Proteomics</i> , 2013, 13, 1737-1754.	1.3	27
81	Elucidating how the saprophytic fungus <i>Aspergillus nidulans</i> uses the plant polyester suberin as carbon source. <i>BMC Genomics</i> , 2014, 15, 613.	1.2	27
82	Effect of greenhouse conditions on the leaf apoplastic proteome of <i>Coffea arabica</i> plants. <i>Journal of Proteomics</i> , 2014, 104, 128-139.	1.2	26
83	Identification of Metabolic Pathways Expressed by <i>Pichia anomala</i> Kh6 in the Presence of the Pathogen <i>Botrytis cinerea</i> on Apple: New Possible Targets for Biocontrol Improvement. <i>PLoS ONE</i> , 2014, 9, e91434.	1.1	25
84	Plant Biotic Stress and Proteomics. <i>Current Proteomics</i> , 2010, 7, 275-297.	0.1	24
85	Hexabromocyclododecane (HBCD) induced changes in the liver proteome of eu- and hypothyroid female rats. <i>Toxicology Letters</i> , 2016, 245, 40-51.	0.4	24
86	Atrazine and PCB 153 and their effects on the proteome of subcellular fractions of human MCF-7 cells. <i>Biochimica Et Biophysica Acta - Proteins and Proteomics</i> , 2012, 1824, 833-841.	1.1	23
87	Proteomic and phenotypic analysis of triclosan tolerant verocytotoxigenic <i>Escherichia coli</i> O157:H19. <i>Journal of Proteomics</i> , 2013, 80, 78-90.	1.2	23
88	Investigating <i>Aspergillus nidulans</i> secretome during colonisation of cork cell walls. <i>Journal of Proteomics</i> , 2014, 98, 175-188.	1.2	23
89	Combining -Omics to Unravel the Impact of Copper Nutrition on Alfalfa (<i>Medicago sativa</i>) Stem Metabolism. <i>Plant and Cell Physiology</i> , 2016, 57, 407-422.	1.5	23
90	A Cell Wall Proteome and Targeted Cell Wall Analyses Provide Novel Information on Hemicellulose Metabolism in Flax. <i>Molecular and Cellular Proteomics</i> , 2017, 16, 1634-1651.	2.5	23

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91	Identification of chickpea seed proteins resistant to simulated in vitro human digestion. <i>Journal of Proteomics</i> , 2017, 169, 143-152.	1.2	23
92	Two Traditional Maize Inbred Lines of Contrasting Technological Abilities Are Discriminated by the Seed Flour Proteome. <i>Journal of Proteome Research</i> , 2013, 12, 3152-3165.	1.8	22
93	Physiological and Proteomic Responses of Different Willow Clones (<i>Salix fragilis</i> X <i>Salix alba</i>) Exposed to Dredged Sediment Contaminated by Heavy Metals. <i>International Journal of Phytoremediation</i> , 2014, 16, 1148-1169.	1.7	22
94	Carotenoid exposure of Caco-2 intestinal epithelial cells did not affect selected inflammatory markers but altered their proteomic response. <i>British Journal of Nutrition</i> , 2012, 108, 963-973.	1.2	21
95	Proteomic alterations induced by ionic liquids in <i>Aspergillus nidulans</i> and <i>Neurospora crassa</i> . <i>Journal of Proteomics</i> , 2013, 94, 262-278.	1.2	21
96	How can plant virus satellite RNAs alter the effects of plant virus infection? A study of the changes in the <i>Nicotiana benthamiana</i> proteome after infection by <i>Peanut stunt virus</i> in the presence or absence of its satellite RNA. <i>Proteomics</i> , 2013, 13, 2162-2175.	1.3	21
97	The Goat (<i>Capra hircus</i>) Mammary Gland Mitochondrial Proteome: A Study on the Effect of Weight Loss Using Blue-Native PAGE and Two-Dimensional Gel Electrophoresis. <i>PLoS ONE</i> , 2016, 11, e0151599.	1.1	21
98	A Difference Gel Electrophoresis Study on Thylakoids Isolated from Poplar Leaves Reveals a Negative Impact of Ozone Exposure on Membrane Proteins. <i>Journal of Proteome Research</i> , 2011, 10, 3003-3011.	1.8	20
99	Comparative analysis of <i>Salmonella</i> susceptibility and tolerance to the biocide chlorhexidine identifies a complex cellular defense network. <i>Frontiers in Microbiology</i> , 2014, 5, 373.	1.5	20
100	A multiple-level study of metal tolerance in <i>Salix fragilis</i> and <i>Salix aurita</i> clones. <i>Journal of Proteomics</i> , 2014, 101, 113-129.	1.2	20
101	Lettuce (<i>Lactuca sativa</i> L.) leaf-proteome profiles after exposure to cylindrospermopsin and a microcystin-LR/cylindrospermopsin mixture: A concentration-dependent response. <i>Phytochemistry</i> , 2015, 110, 91-103.	1.4	20
102	Differential Proteomic Analysis of Lactic Acid Bacteria– <i>Escherichia coli</i> O157:H7 Interaction and Its Contribution to Bioprotection Strategies in Meat. <i>Frontiers in Microbiology</i> , 2018, 9, 1083.	1.5	20
103	Proteomic analysis of the cortisol-mediated stress response in THP-1 monocytes using DIGE technology. <i>Journal of Mass Spectrometry</i> , 2007, 42, 1433-1444.	0.7	18
104	Environmental stress is the major cause of transcriptomic and proteomic changes in GM and non-GM plants. <i>Scientific Reports</i> , 2017, 7, 10624.	1.6	18
105	Genetical genomics of quality related traits in potato tubers using proteomics. <i>BMC Plant Biology</i> , 2018, 18, 20.	1.6	18
106	An apoplastic fluid extraction method for the characterization of grapevine leaves proteome and metabolome from a single sample. <i>Physiologia Plantarum</i> , 2021, 171, 343-357.	2.6	18
107	From Tolerance to Acute Metabolic Deregulation: Contribution of Proteomics To Dig into the Molecular Response of Alder Species under a Polymetallic Exposure. <i>Journal of Proteome Research</i> , 2013, 12, 5160-5179.	1.8	17
108	Plant Proteoforms Under Environmental Stress: Functional Proteins Arising From a Single Gene. <i>Frontiers in Plant Science</i> , 2021, 12, 793113.	1.7	17

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109	Taking Advantage of Nonspecific Trypsin Cleavages for the Identification of Seed Storage Proteins in Cereals. <i>Journal of Proteome Research</i> , 2009, 8, 3182-3190.	1.8	16
110	Potential Therapeutic Target Discovery by 2D-DIGE Proteomic Analysis in Mouse Models of Asthma. <i>Journal of Proteome Research</i> , 2011, 10, 4291-4301.	1.8	16
111	Specialisation events of fungal metacommunities exposed to a persistent organic pollutant are suggestive of augmented pathogenic potential. <i>Microbiome</i> , 2018, 6, 208.	4.9	16
112	The Dynamics of the Cell Wall Proteome of Developing Alfalfa Stems. <i>Biology</i> , 2019, 8, 60.	1.3	16
113	Screening for changes in leaf and cambial proteome of <i>Populus tremula</i> — <i>P. alba</i> under different heat constraints. <i>Journal of Plant Physiology</i> , 2012, 169, 1698-1718.	1.6	15
114	2D difference gel electrophoresis reference map of a <i>Fusarium graminearum</i> nivalenol producing strain. <i>Electrophoresis</i> , 2013, 34, 505-509.	1.3	15
115	Physiological and proteome study of sunflowers exposed to a polymetallic constraint. <i>Proteomics</i> , 2013, 13, 1993-2015.	1.3	15
116	Changes in the proteome and water state in bark and xylem of <i>Hydrangea paniculata</i> during loss of freezing tolerance. <i>Environmental and Experimental Botany</i> , 2014, 106, 99-111.	2.0	15
117	Comparative proteomic analysis of lung tissue from guinea pigs with leptospiral pulmonary haemorrhage syndrome (LPHS) reveals a decrease in abundance of host proteins involved in cytoskeletal and cellular organization. <i>Journal of Proteomics</i> , 2015, 122, 55-72.	1.2	15
118	Salinity effect on germination, seedling growth and cotyledon membrane complexes of a Portuguese salt marsh wild beet ecotype. <i>Theoretical and Experimental Plant Physiology</i> , 2018, 30, 113-127.	1.1	14
119	Long-Term Cd Exposure Alters the Metabolite Profile in Stem Tissue of <i>Medicago sativa</i> . <i>Cells</i> , 2020, 9, 2707.	1.8	14
120	Physiological response and differential leaf proteome pattern in the European invasive Asteraceae <i>Solidago canadensis</i> colonizing a former cokery soil. <i>Journal of Proteomics</i> , 2012, 75, 1129-1143.	1.2	13
121	The Proteome Response to Amyloid Protein Expression In Vivo. <i>PLoS ONE</i> , 2012, 7, e50123.	1.1	12
122	Stuck at work? Quantitative proteomics of environmental wine yeast strains reveals the natural mechanism of overcoming stuck fermentation. <i>Proteomics</i> , 2016, 16, 593-608.	1.3	12
123	2D-DIGE in Proteomics. <i>Methods in Molecular Biology</i> , 2017, 1654, 245-254.	0.4	12
124	Distribution of cell-wall polysaccharides and proteins during growth of the hemp hypocotyl. <i>Planta</i> , 2019, 250, 1539-1556.	1.6	12
125	Maize IgE binding proteins: each plant a different profile?. <i>Proteome Science</i> , 2014, 12, 17.	0.7	11
126	Gender specific differences in the liver proteome of rats exposed to short term and low-concentration hexabromocyclododecane (HBCD). <i>Toxicology Research</i> , 2016, 5, 1273-1283.	0.9	11

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127	Proteome response of dental pulp cells to exogenous FGF8. <i>Journal of Proteomics</i> , 2018, 183, 14-24.	1.2	11
128	Impact of heat treatment on the acid induced gelation of brewersâ€™ spent grain protein isolate. <i>Food Hydrocolloids</i> , 2021, 113, 106531.	5.6	11
129	Boosting the Globalization of Plant Proteomics through INPPO: Current Developments and Future Prospects. <i>Proteomics</i> , 2012, 12, 359-368.	1.3	10
130	Ups and downs in alfalfa: Proteomic and metabolic changes occurring in the growing stem. <i>Plant Science</i> , 2015, 238, 13-25.	1.7	10
131	Phellem Cell-Wall Components Are Discriminants of Cork Quality in <i>Quercus suber</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 944.	1.7	10
132	Primary Metabolism Is Distinctly Modulated by Plant Resistance Inducers in <i>Coffea arabica</i> Leaves Infected by <i>Hemileia vastatrix</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 309.	1.7	10
133	In vitro culture may be the major contributing factor for transgenic versus nontransgenic proteomic plant differences. <i>Proteomics</i> , 2015, 15, 124-134.	1.3	9
134	Proteomic response of inflammatory stimulated intestinal epithelial cells to in vitro digested plums and cabbages rich in carotenoids and polyphenols. <i>Food and Function</i> , 2016, 7, 4388-4399.	2.1	9
135	Physiological and proteomic response of <i>Escherichia coli</i> O157:H7 to a bioprotective lactic acid bacterium in a meat environment. <i>Food Research International</i> , 2019, 125, 108622.	2.9	9
136	The muscular, hepatic and adipose tissues proteomes in muskox (<i>Ovibos moschatus</i>): Differences between males and females. <i>Journal of Proteomics</i> , 2019, 208, 103480.	1.2	9
137	Insights into Lignan Composition and Biosynthesis in Stinging Nettle (<i>Urtica dioica</i> L.). <i>Molecules</i> , 2019, 24, 3863.	1.7	9
138	Diagonal two-dimensional electrophoresis (D-2DE): a new approach to study the effect of osmotic stress induced by polyethylene glycol in durum wheat (<i>Triticum durum</i> Desf.). <i>Molecular Biology Reports</i> , 2016, 43, 897-909.	1.0	8
139	A <i>Fusarium graminearum</i> strain-comparative proteomic approach identifies regulatory changes triggered by agmatine. <i>Journal of Proteomics</i> , 2016, 137, 107-116.	1.2	8
140	Proteomic responses of carotenoid and retinol administration to Mongolian gerbils. <i>Food and Function</i> , 2018, 9, 3835-3844.	2.1	8
141	Stress response of lettuce (<i>Lactuca sativa</i>) to environmental contamination with selected pharmaceuticals: A proteomic study. <i>Journal of Proteomics</i> , 2021, 245, 104291.	1.2	8
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