

Jenny Renaut

List of Publications by Year in descending order

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Version: 2024-02-01

176
papers

8,205
citations

50276

46
h-index

58581

82
g-index

183
all docs

183
docs citations

183
times ranked

9881
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Identification of Novel Candidate Genes Involved in Apple Cuticle Integrity and Russeting-Associated Triterpene Synthesis Using Metabolomic, Proteomic, and Transcriptomic Data. <i>Plants</i> , 2022, 11, 289. | 3.5 | 8 |
| 2 | Proteomic Studies of Roots in Hypoxia-Sensitive and -Tolerant Tomato Accessions Reveal Candidate Proteins Associated with Stress Priming. <i>Cells</i> , 2022, 11, 500. | 4.1 | 6 |
| 3 | Leaf necrosis resulting from downregulation of poplar glycosyltransferase <i>UGT72A2</i> . <i>Tree Physiology</i> , 2022, 42, 1084-1099. | 3.1 | 6 |
| 4 | Impact of heat treatment on the acid induced gelation of brewersâ€™ spent grain protein isolate. <i>Food Hydrocolloids</i> , 2021, 113, 106531. | 10.7 | 11 |
| 5 | 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. | 5.2 | 18 |
| 6 | 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. | 4.1 | 67 |
| 7 | 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. | 5.7 | 40 |
| 8 | Proteomic analysis of salt-responsive proteins in the leaves of two contrasting Tunisian barley landraces. <i>Plant Growth Regulation</i> , 2021, 95, 65-82. | 3.4 | 5 |
| 9 | The Resistance of Oilseed Rape Microspore-Derived Embryos to Osmotic Stress Is Associated With the Accumulation of Energy Metabolism Proteins, Redox Homeostasis, Higher Abscisic Acid, and Cytokinin Contents. <i>Frontiers in Plant Science</i> , 2021, 12, 628167. | 3.6 | 3 |
| 10 | 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. | 2.4 | 8 |
| 11 | The Cell Wall Proteome of <i>Craterostigma plantagineum</i> Cell Cultures Habituated to Dichlobenil and Isoxaben. <i>Cells</i> , 2021, 10, 2295. | 4.1 | 4 |
| 12 | Molecular investigation of Tuscan sweet cherries sampled over three years: gene expression analysis coupled to metabolomics and proteomics. <i>Horticulture Research</i> , 2021, 8, 12. | 6.3 | 8 |
| 13 | Gene expression and metabolite analysis in barley inoculated with net blotch fungus and plant growth-promoting rhizobacteria. <i>Plant Physiology and Biochemistry</i> , 2021, 168, 488-500. | 5.8 | 5 |
| 14 | Plant Proteoforms Under Environmental Stress: Functional Proteins Arising From a Single Gene. <i>Frontiers in Plant Science</i> , 2021, 12, 793113. | 3.6 | 17 |
| 15 | Long-Term Cd Exposure Alters the Metabolite Profile in Stem Tissue of <i>Medicago sativa</i> . <i>Cells</i> , 2020, 9, 2707. | 4.1 | 14 |
| 16 | The effects of improving low dietary protein utilization on the proteome of lamb tissues. <i>Journal of Proteomics</i> , 2020, 223, 103798. | 2.4 | 7 |
| 17 | Expression Analysis of Cell Wall-Related Genes in the Plant Pathogenic Fungus <i>Drechslera teres</i> . <i>Genes</i> , 2020, 11, 300. | 2.4 | 7 |
| 18 | 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. | 3.6 | 10 |

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|----|---|------|-----------|
| 19 | 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. | 6.2 | 9 |
| 20 | Distribution of cell-wall polysaccharides and proteins during growth of the hemp hypocotyl. <i>Planta</i> , 2019, 250, 1539-1556. | 3.2 | 12 |
| 21 | Phellem Cell-Wall Components Are Discriminants of Cork Quality in <i>Quercus suber</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 944. | 3.6 | 10 |
| 22 | The Dynamics of the Cell Wall Proteome of Developing Alfalfa Stems. <i>Biology</i> , 2019, 8, 60. | 2.8 | 16 |
| 23 | 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. | 2.4 | 9 |
| 24 | 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. | 3.6 | 56 |
| 25 | Insights into Lignan Composition and Biosynthesis in Stinging Nettle (<i>Urtica dioica</i> L.). <i>Molecules</i> , 2019, 24, 3863. | 3.8 | 9 |
| 26 | Specialisation events of fungal metacommunities exposed to a persistent organic pollutant are suggestive of augmented pathogenic potential. <i>Microbiome</i> , 2018, 6, 208. | 11.1 | 16 |
| 27 | 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. | 4.1 | 41 |
| 28 | Proteome response of dental pulp cells to exogenous FGF8. <i>Journal of Proteomics</i> , 2018, 183, 14-24. | 2.4 | 11 |
| 29 | Proteomic responses of carotenoid and retinol administration to Mongolian gerbils. <i>Food and Function</i> , 2018, 9, 3835-3844. | 4.6 | 8 |
| 30 | Plant Abiotic Stress Proteomics: The Major Factors Determining Alterations in Cellular Proteome. <i>Frontiers in Plant Science</i> , 2018, 9, 122. | 3.6 | 240 |
| 31 | Differential Proteomic Analysis of Lactic Acid Bacteria's <i>Escherichia coli</i> O157:H7 Interaction and Its Contribution to Bioprotection Strategies in Meat. <i>Frontiers in Microbiology</i> , 2018, 9, 1083. | 3.5 | 20 |
| 32 | Insights into the molecular regulation of monolignol-derived product biosynthesis in the growing hemp hypocotyl. <i>BMC Plant Biology</i> , 2018, 18, 1. | 3.6 | 368 |
| 33 | Genetical genomics of quality related traits in potato tubers using proteomics. <i>BMC Plant Biology</i> , 2018, 18, 20. | 3.6 | 18 |
| 34 | 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. | 2.4 | 14 |
| 35 | 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. | 3.8 | 54 |
| 36 | 2D-DIGE in Proteomics. <i>Methods in Molecular Biology</i> , 2017, 1654, 245-254. | 0.9 | 12 |

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|----|--|-----|-----------|
| 37 | Environmental stress is the major cause of transcriptomic and proteomic changes in GM and non-GM plants. <i>Scientific Reports</i> , 2017, 7, 10624. | 3.3 | 18 |
| 38 | 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. | 3.8 | 23 |
| 39 | Identification of chickpea seed proteins resistant to simulated in vitro human digestion. <i>Journal of Proteomics</i> , 2017, 169, 143-152. | 2.4 | 23 |
| 40 | Membrane-enriched proteome changes and prion protein expression during neural differentiation and in neuroblastoma cells. <i>BMC Genomics</i> , 2017, 18, 319. | 2.8 | 2 |
| 41 | Proteomic Insights on the Metabolism of <i>Penicillium janczewskii</i> during the Biotransformation of the Plant Terpenoid Labdanolic Acid. <i>Frontiers in Bioengineering and Biotechnology</i> , 2017, 5, 45. | 4.1 | 5 |
| 42 | Pathogenic <i>Leptospire</i> s Modulate Protein Expression and Post-translational Modifications in Response to Mammalian Host Signals. <i>Frontiers in Cellular and Infection Microbiology</i> , 2017, 7, 362. | 3.9 | 36 |
| 43 | Didehydrophenylalanine, an abundant modification in the beta subunit of plant polygalacturonases. <i>PLoS ONE</i> , 2017, 12, e0171990. | 2.5 | 7 |
| 44 | 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. | 2.2 | 12 |
| 45 | 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. | 1.4 | 42 |
| 46 | 2-D DIGE proteomic profiles of three strains of <i>Fusarium graminearum</i> grown in agmatine or glutamic acid medium. <i>Data in Brief</i> , 2016, 6, 985-988. | 1.0 | 0 |
| 47 | Integrated proteomics and metabolomics to unlock global and clonal responses of <i>Eucalyptus globulus</i> recovery from water deficit. <i>Metabolomics</i> , 2016, 12, 1. | 3.0 | 41 |
| 48 | Dataset of liver proteins of eu- and hypothyroid rats affected in abundance by any of three factors: in vivo exposure to hexabromocyclododecane (HBCD), thyroid status, gender differences. <i>Data in Brief</i> , 2016, 8, 1344-1347. | 1.0 | 2 |
| 49 | Dataset of protein changes induced by cold acclimation in red clover (<i>Trifolium pratense</i> L.) populations recurrently selected for improved freezing tolerance. <i>Data in Brief</i> , 2016, 8, 570-574. | 1.0 | 2 |
| 50 | 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. | 4.6 | 9 |
| 51 | 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. | 2.1 | 11 |
| 52 | A proteome analysis of freezing tolerance in red clover (<i>Trifolium pratense</i> L.). <i>BMC Plant Biology</i> , 2016, 16, 65. | 3.6 | 31 |
| 53 | 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. | 2.3 | 8 |
| 54 | Dataset of liver proteins changed in eu- and hypothyroid female rats upon in vivo exposure to hexabromocyclododecane (HBCD). <i>Data in Brief</i> , 2016, 7, 386-392. | 1.0 | 1 |

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|----|---|-----|-----------|
| 55 | Hexabromocyclododecane (HBCD) induced changes in the liver proteome of eu- and hypothyroid female rats. <i>Toxicology Letters</i> , 2016, 245, 40-51. | 0.8 | 24 |
| 56 | 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. | 3.1 | 23 |
| 57 | A <i>Fusarium graminearum</i> strain-comparative proteomic approach identifies regulatory changes triggered by agmatine. <i>Journal of Proteomics</i> , 2016, 137, 107-116. | 2.4 | 8 |
| 58 | 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. | 2.5 | 21 |
| 59 | Metabolite and transcriptome profiling of russeted and waxy apple skins highlighted genes involved in triterpene-hydroxycinnamate biosynthesis. <i>Planta Medica</i> , 2016, 81, S1-S381. | 1.3 | 0 |
| 60 | Animal board invited review: advances in proteomics for animal and food sciences. <i>Animal</i> , 2015, 9, 1-17. | 3.3 | 143 |
| 61 | Effects of silver nanoparticles and ions on a co-culture model for the gastrointestinal epithelium. <i>Particle and Fibre Toxicology</i> , 2015, 13, 9. | 6.2 | 99 |
| 62 | The quest for tolerant varieties: the importance of integrating 'omics' techniques to phenotyping. <i>Frontiers in Plant Science</i> , 2015, 6, 448. | 3.6 | 67 |
| 63 | 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. | 3.6 | 46 |
| 64 | Quantitative analysis of proteome extracted from barley crowns grown under different drought conditions. <i>Frontiers in Plant Science</i> , 2015, 6, 479. | 3.6 | 53 |
| 65 | 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. | 3.6 | 40 |
| 66 | Ups and downs in alfalfa: Proteomic and metabolic changes occurring in the growing stem. <i>Plant Science</i> , 2015, 238, 13-25. | 3.6 | 10 |
| 67 | In vitro culture may be the major contributing factor for transgenic versus nontransgenic proteomic plant differences. <i>Proteomics</i> , 2015, 15, 124-134. | 2.2 | 9 |
| 68 | 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. | 2.9 | 20 |
| 69 | An improved protocol to study the plant cell wall proteome. <i>Frontiers in Plant Science</i> , 2015, 6, 237. | 3.6 | 33 |
| 70 | 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. | 2.4 | 15 |
| 71 | Unravelling the effect of sucrose and cold pretreatment on cryopreservation of potato through sugar analysis and proteomics. <i>Cryobiology</i> , 2015, 71, 432-441. | 0.7 | 43 |
| 72 | A 2-D guinea pig lung proteome map. <i>Data in Brief</i> , 2015, 4, 140-145. | 1.0 | 2 |

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|----|--|-----|-----------|
| 73 | 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. | 2.1 | 45 |
| 74 | 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. | 2.5 | 25 |
| 75 | 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. | 3.1 | 22 |
| 76 | 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. | 3.5 | 20 |
| 77 | 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. | 3.4 | 50 |
| 78 | Investigating <i>Aspergillus nidulans</i> secretome during colonisation of cork cell walls. <i>Journal of Proteomics</i> , 2014, 98, 175-188. | 2.4 | 23 |
| 79 | Proteomic changes in leaves of poplar exposed to both cadmium and low-temperature. <i>Environmental and Experimental Botany</i> , 2014, 106, 112-123. | 4.2 | 40 |
| 80 | Differential cadmium and zinc distribution in relation to their physiological impact in the leaves of the accumulating <i>Zygophyllum fabago</i> L. <i>Plant, Cell and Environment</i> , 2014, 37, 1299-1320. | 5.7 | 75 |
| 81 | Description of the mechanisms underlying geosmin production in <i>Penicillium expansum</i> using proteomics. <i>Journal of Proteomics</i> , 2014, 96, 13-28. | 2.4 | 7 |
| 82 | 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. | 2.4 | 46 |
| 83 | Elucidating how the saprophytic fungus <i>Aspergillus nidulans</i> uses the plant polyester suberin as carbon source. <i>BMC Genomics</i> , 2014, 15, 613. | 2.8 | 27 |
| 84 | 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. | 4.8 | 117 |
| 85 | Maize IgE binding proteins: each plant a different profile?. <i>Proteome Science</i> , 2014, 12, 17. | 1.7 | 11 |
| 86 | Effect of greenhouse conditions on the leaf apoplastic proteome of <i>Coffea arabica</i> plants. <i>Journal of Proteomics</i> , 2014, 104, 128-139. | 2.4 | 26 |
| 87 | 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. | 4.2 | 15 |
| 88 | 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. | 2.4 | 49 |
| 89 | 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. | 2.4 | 20 |
| 90 | 2DE Analysis of Forest Tree Proteins Using Fluorescent Labels and Multiplexing. <i>Methods in Molecular Biology</i> , 2014, 1072, 141-154. | 0.9 | 0 |

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|-----|---|------|-----------|
| 91 | 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. | 2.4 | 48 |
| 92 | 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. | 12.4 | 37 |
| 93 | A biomolecular isolation framework for eco-systems biology. <i>ISME Journal</i> , 2013, 7, 110-121. | 9.8 | 97 |
| 94 | 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. | 3.7 | 102 |
| 95 | Plant proteomics in India and Nepal: current status and challenges ahead. <i>Physiology and Molecular Biology of Plants</i> , 2013, 19, 461-477. | 3.1 | 7 |
| 96 | 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. | 4.1 | 39 |
| 97 | 2D difference gel electrophoresis reference map of a <i>Fusarium graminearum</i> nivalenol producing strain. <i>Electrophoresis</i> , 2013, 34, 505-509. | 2.4 | 15 |
| 98 | Protein actors sustaining arbuscular mycorrhizal symbiosis: underground artists break the silence. <i>New Phytologist</i> , 2013, 199, 26-40. | 7.3 | 31 |
| 99 | Proteomic and phenotypic analysis of triclosan tolerant verocytotoxigenic <i>Escherichia coli</i> O157:H19. <i>Journal of Proteomics</i> , 2013, 80, 78-90. | 2.4 | 23 |
| 100 | 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. | 2.4 | 21 |
| 101 | The response of <i>Mucor plumbeus</i> to pentachlorophenol: A toxicoproteomics study. <i>Journal of Proteomics</i> , 2013, 78, 159-171. | 2.4 | 28 |
| 102 | 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. | 5.4 | 70 |
| 103 | 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. | 3.7 | 22 |
| 104 | Physiological and proteome study of sunflowers exposed to a polymetallic constraint. <i>Proteomics</i> , 2013, 13, 1993-2015. | 2.2 | 15 |
| 105 | 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. | 3.7 | 17 |
| 106 | Proteomic changes associated with freeze-thaw injury and post-thaw recovery in onion (<i>Allium</i>) | 3.7 | 34 |
| 107 | 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. | 2.2 | 21 |
| 108 | INPPO Actions and Recognition as a Driving Force for Progress in Plant Proteomics: Change of Guard, INPPO Update, and Upcoming Activities. <i>Proteomics</i> , 2013, 13, 3093-3100. | 2.2 | 0 |

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|-----|---|-----|-----------|
| 109 | A physiological and proteomic study of poplar leaves during ozone exposure combined with mild drought. <i>Proteomics</i> , 2013, 13, 1737-1754. | 2.2 | 27 |
| 110 | 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 |
| 111 | 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. | 2.3 | 21 |
| 112 | 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. | 3.5 | 15 |
| 113 | Identification of Differentially Expressed Proteins in Curcumin-Treated Prostate Cancer Cell Lines. <i>OMICS A Journal of Integrative Biology</i> , 2012, 16, 289-300. | 2.0 | 41 |
| 114 | Continuous thrombin infusion leads to a bleeding phenotype in sheep. <i>Thrombosis Research</i> , 2012, 130, 226-236. | 1.7 | 4 |
| 115 | Characterization of maize allergens " MON810 vs. its non-transgenic counterpart. <i>Journal of Proteomics</i> , 2012, 75, 2027-2037. | 2.4 | 38 |
| 116 | Translational plant proteomics: A perspective. <i>Journal of Proteomics</i> , 2012, 75, 4588-4601. | 2.4 | 63 |
| 117 | Comparative proteomic analysis of <i>Salmonella</i> tolerance to the biocide active agent triclosan. <i>Journal of Proteomics</i> , 2012, 75, 4505-4519. | 2.4 | 35 |
| 118 | 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. | 2.3 | 23 |
| 119 | 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. | 1.7 | 34 |
| 120 | The Proteome Response to Amyloid Protein Expression In Vivo. <i>PLoS ONE</i> , 2012, 7, e50123. | 2.5 | 12 |
| 121 | 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. | 2.2 | 71 |
| 122 | Boosting the Globalization of Plant Proteomics through INPPO: Current Developments and Future Prospects. <i>Proteomics</i> , 2012, 12, 359-368. | 2.2 | 10 |
| 123 | Proteomics as a Toolbox to Study the Metabolic Adjustment of Trees During Exposure to Metal Trace Elements. , 2012, , 143-164. | | 2 |
| 124 | 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. | 2.4 | 13 |
| 125 | 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. | 3.9 | 86 |
| 126 | Potential Therapeutic Target Discovery by 2D-DIGE Proteomic Analysis in Mouse Models of Asthma. <i>Journal of Proteome Research</i> , 2011, 10, 4291-4301. | 3.7 | 16 |

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|-----|---|-----|-----------|
| 127 | 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. | 3.7 | 20 |
| 128 | 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. | 2.4 | 50 |
| 129 | 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. | 2.9 | 33 |
| 130 | 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. | 2.2 | 31 |
| 131 | Alteration of plasma membrane-bound redox systems of iron deficient pea roots by chitosan. <i>Journal of Proteomics</i> , 2011, 74, 1437-1449. | 2.4 | 35 |
| 132 | Proteins associated with cork formation in <i>Quercus suber</i> L. stem tissues. <i>Journal of Proteomics</i> , 2011, 74, 1266-1278. | 2.4 | 35 |
| 133 | Plant proteome changes under abiotic stress – Contribution of proteomics studies to understanding plant stress response. <i>Journal of Proteomics</i> , 2011, 74, 1301-1322. | 2.4 | 700 |
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