Jesus V Jorrin Novo

List of Publications by Citations

133 papers	4,384 citations	38 h-index	61 g-index
146 ext. papers	5,124 ext. citations	3.9 avg, IF	5.57 L-index

#	Paper	IF	Citations
133	Plant proteome analysis. *Proteomics*, **2004**, 4, 285-98	4.8	235
132	Plant proteomics update (2007-2008): Second-generation proteomic techniques, an appropriate experimental design, and data analysis to fulfill MIAPE standards, increase plant proteome coverage and expand biological knowledge. *Journal of Proteomics*, **2009**, 72, 285-314	3.9	174
131	Plant proteome analysis: a 2004-2006 update. *Proteomics*, **2006**, 6, 5529-48	4.8	144
130	Back to the basics: Maximizing the information obtained by quantitative two dimensional gel electrophoresis analyses by an appropriate experimental design and statistical analyses. *Journal of Proteomics*, **2011**, 74, 1-18	3.9	140
129	Sunflower (Helianthus annuus L.) response to broomrape (Orobanche cernua Loefl.) parasitism: induced synthesis and excretion of 7-hydroxylated simple coumarins. *Journal of Experimental Botany*, **2001**, 52, 2227-34	7	123
128	Proteomics study reveals the molecular mechanisms underlying water stress tolerance induced by Piriformospora indica in barley. *Journal of Proteomics*, **2013**, 94, 289-301	3.9	109
127	Vesicular fractions of sunflower apoplastic fluids are associated with potential exosome marker proteins. *FEBS Letters*, **2009**, 583, 3363-6	3.8	105
126	Proteomics of plant pathogenic fungi. *Journal of Biomedicine and Biotechnology*, **2010**, 2010, 932527		96
125	Orobanche crenata resistance and avoidance in pea (Pisum spp.) operate at different developmental stages of the parasite. *Weed Research*, **2005**, 45, 379-387	1.9	92
124	The holm oak leaf proteome: analytical and biological variability in the protein expression level assessed by 2-DE and protein identification tandem mass spectrometry de novo sequencing and sequence similarity searching. *Proteomics*, **2005**, 5, 222-34	4.8	92
123	Plant resistance to parasitic plants: molecular approaches to an old foe. *New Phytologist*, **2007**, 173, 703-712	7.8	85
122	Variation in the holm oak leaf proteome at different plant developmental stages, between provenances and in response to drought stress. *Proteomics*, **2006**, 6 Suppl 1, S207-14	4.8	85
121	Fourteen years of plant proteomics reflected in Proteomics: moving from model species and 2DE-based approaches to orphan species and gel-free platforms. *Proteomics*, **2015**, 15, 1089-112	4.8	83
120	Contribution of proteomics to the study of plant pathogenic fungi. *Journal of Proteome Research*, **2012**, 11, 3-16	5.6	83
119	Proteomics research on forest trees, the most recalcitrant and orphan plant species. *Phytochemistry*, **2011**, 72, 1219-42	4	80
118	Stress Responses in Alfalfa (Medicago sativa L.): II. Purification, Characterization, and Induction of Phenylalanine Ammonia-Lyase Isoforms from Elicitor-Treated Cell Suspension Cultures. *Plant Physiology*, **1990**, 92, 447-55	6.6	80
117	A proteomic approach to studying plant response to crenate broomrape (Orobanche crenata) in pea (Pisum sativum). *Phytochemistry*, **2004**, 65, 1817-28	4	75

116	A proteomic approach to study pea (Pisum sativum) responses to powdery mildew (Erysiphe pisi). *Proteomics*, **2006**, 6 Suppl 1, S163-74	4.8	74
115	Evaluation of three different protocols of protein extraction for Arabidopsis thaliana leaf proteome analysis by two-dimensional electrophoresis. *Journal of Proteomics*, **2008**, 71, 461-72	3.9	73
114	Changes in the protein profile of Quercus ilex leaves in response to drought stress and recovery. *Journal of Plant Physiology*, **2009**, 166, 233-45	3.6	70
113	Pre-haustorial resistance to broomrape (Orobanche cumana) in sunflower (Helianthus annuus): cytochemical studies. *Journal of Experimental Botany*, **2006**, 57, 4189-200	7	68
112	Comparative 2-DE proteomic analysis of date palm (Phoenix dactylifera L.) somatic and zygotic embryos. *Journal of Proteomics*, **2009**, 73, 161-77	3.9	66
111	Abiotic elicitation of coumarin phytoalexins in sunflower. *Phytochemistry*, **1995**, 38, 1185-1191	4	63
110	Proteomic analysis of phytopathogenic fungus Botrytis cinerea as a potential tool for identifying pathogenicity factors, therapeutic targets and for basic research. *Archives of Microbiology*, **2007**, 187, 207-15	3	62
109	Two-dimensional electrophoresis protein profile of the phytopathogenic fungus Botrytis cinerea. *Proteomics*, **2006**, 6 Suppl 1, S88-96	4.8	61
108	Proteomic analysis of mycelium and secretome of different Botrytis cinerea wild-type strains. *Journal of Proteomics*, **2014**, 97, 195-221	3.9	59
107	Acibenzolar- S -methyl-induced resistance to sunflower rust (Puccinia helianthi) is associated with an enhancement of coumarins on foliar surface. *Physiological and Molecular Plant Pathology*, **2002**, 60, 155-162	2.6	58
106	Sunflower sesquiterpene lactone models induce Orobanche cumana seed germination. *Phytochemistry*, **2000**, 53, 45-50	4	58
105	Proteomic analysis of the development and germination of date palm (Phoenix dactylifera L.) zygotic embryos. *Proteomics*, **2009**, 9, 2543-54	4.8	57
104	Proteomics: a promising approach to study biotic interaction in legumes. A review. *Euphytica*, **2006**, 147, 37-47	2.1	54
103	Combined proteomic and transcriptomic analysis identifies differentially expressed pathways associated to Pinus radiata needle maturation. *Journal of Proteome Research*, **2010**, 9, 3954-79	5.6	50
102	Understanding Orobanche and Phelipanche host plant interactions and developing resistance. *Weed Research*, **2009**, 49, 8-22	1.9	50
101	Improving the quality of protein identification in non-model species. Characterization of Quercus ilex seed and Pinus radiata needle proteomes by using SEQUEST and custom databases. *Journal of Proteomics*, **2014**, 105, 85-91	3.9	45
100	Proteomic analysis of Pinus radiata needles: 2-DE map and protein identification by LC/MS/MS and substitution-tolerant database searching. *Journal of Proteome Research*, **2008**, 7, 2616-31	5.6	45
99	Physiological and proteomic analyses of drought stress response in Holm oak provenances. *Journal of Proteome Research*, **2013**, 12, 5110-23	5.6	43

98	Studies of variability in Holm oak (Quercus ilex subsp. ballota [Desf.] Samp.) through acorn protein profile analysis. *Journal of Proteomics*, **2011**, 74, 1244-55	3.9	39
97	Extracellular sunflower proteins: evidence on non-classical secretion of a jacalin-related lectin. *Protein and Peptide Letters*, **2012**, 19, 270-6	1.9	39
96	Abscisic acid and sucrose increase the protein content in date palm somatic embryos, causing changes in 2-DE profile. *Phytochemistry*, **2010**, 71, 1223-36	4	39
95	Population variability based on the morphometry and chemical composition of the acorn in Holm oak (Quercus ilex subsp. ballota [Desf.] Samp.). *European Journal of Forest Research*, **2012**, 131, 893-904	2.7	38
94	Release of phytoalexins and related isoflavonoids from intact chickpea seedlings elicited with reduced glutathione at root level. *Plant Physiology and Biochemistry*, **2001**, 39, 785-795	5.4	38
93	Differential expression proteomics to investigate responses and resistance to Orobanche crenata in Medicago truncatula. *BMC Genomics*, **2009**, 10, 294	4.5	37
92	Fungitoxic effect of scopolin and related coumarins on Sclerotinia sclerotiorum. A way to overcome sunflower head rot. *Euphytica*, **2006**, 147, 451-460	2.1	36
91	Coumarins in helianthus tuberosus : characterization, induced accumulation and biosynthesis. *Phytochemistry*, **1998**, 49, 1029-1036	4	35
90	Physiological and proteomics analyses of Holm oak (Quercus ilex subsp. ballota [Desf.] Samp.) responses to Phytophthora cinnamomi. *Plant Physiology and Biochemistry*, **2013**, 71, 191-202	5.4	34
89	Crenate broomrape control in pea by foliar application of benzothiadiazole (BTH). *Phytoparasitica*, **2004**, 32, 21-29	1.5	34
88	2-DE proteomics analysis of drought treated seedlings of Quercus ilex supports a root active strategy for metabolic adaptation in response to water shortage. *Frontiers in Plant Science*, **2015**, 6, 627	6.2	33
87	Two-dimensional electrophoresis based proteomic analysis of the pea (Pisum sativum) in response to Mycosphaerella pinodes. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 12822-32	5.7	33
86	Unraveling the in vitro secretome of the phytopathogen Botrytis cinerea to understand the interaction with its hosts. *Frontiers in Plant Science*, **2015**, 6, 839	6.2	32
85	Proteomic analysis of Arabidopsis protein S-nitrosylation in response to inoculation with Pseudomonas syringae. *Acta Physiologiae Plantarum*, **2011**, 33, 1493-1514	2.6	31
84	The production of coumarin phytoalexins in different plant organs of sunflower (Helianthus annuus L.). *Journal of Plant Physiology*, **1996**, 149, 261-266	3.6	31
83	Proteomics for exploiting diversity of lupin seed storage proteins and their use as nutraceuticals for health and welfare. *Journal of Proteomics*, **2016**, 143, 57-68	3.9	30
82	Gel electrophoresis-based plant proteomics: Past, present, and future. Happy 10th anniversary Journal of Proteomics!. *Journal of Proteomics*, **2019**, 198, 1-10	3.9	28
81	Constitutive Coumarin Accumulation on Sunflower Leaf Surface Prevents Rust Germ Tube Growth and Appressorium Differentiation. *Crop Science*, **2007**, 47, 1119-1124	2.4	27

80	SAR studies of sesquiterpene lactones as Orobanche cumana seed germination stimulants. *Journal of Agricultural and Food Chemistry*, **2002**, 50, 1911-7	5.7	27
79	A multi-omics analysis of the grapevine pathogen Lasiodiplodia theobromae reveals that temperature affects the expression of virulence- and pathogenicity-related genes. *Scientific Reports*, **2019**, 9, 13144	4.9	26
78	Application of label-free shotgun nUPLC-MS(E) and 2-DE approaches in the study of Botrytis cinerea mycelium. *Journal of Proteome Research*, **2013**, 12, 3042-56	5.6	26
77	Accumulation of soluble phenolic compounds in sunflower capitula correlates with resistance to Sclerotinia sclerotiorum. *Euphytica*, **2003**, 132, 321-329	2.1	26
76	Plant proteomics methods and protocols. *Methods in Molecular Biology*, **2014**, 1072, 3-13	1.4	26
75	Root-shoot signalling in sunflower plants with confined root systems. *Plant and Soil*, **1994**, 166, 31-36	4.2	25
74	Production of toxic metabolites by two strains of Lasiodiplodia theobromae, isolated from a coconut tree and a human patient. *Mycologia*, **2018**, 110, 642-653	2.4	22
73	Proteomic analysis of Holm oak (Quercus ilex subsp. ballota [Desf.] Samp.) pollen. *Journal of Proteomics*, **2012**, 75, 2736-44	3.9	22
72	Holm Oak () Transcriptome. Sequencing and Assembly Analysis. *Frontiers in Molecular Biosciences*, **2017**, 4, 70	5.6	20
71	A Multi-Omics Analysis Pipeline for the Metabolic Pathway Reconstruction in the Orphan Species. *Frontiers in Plant Science*, **2018**, 9, 935	6.2	19
70	Application of proteomics to the assessment of the response to ionising radiation in Arabidopsis thaliana. *Journal of Proteomics*, **2011**, 74, 1364-77	3.9	19
69	Two-dimensional gel electrophoresis-based proteomic analysis of the Medicago truncatula□ust (Uromyces striatus) interaction. *Annals of Applied Biology*, **2010**, 157, 243-257	2.6	18
68	Antifungal activity of a new phenolic compound from capitulum of a head rot-resistant sunflower genotype. *Journal of Chemical Ecology*, **2007**, 33, 2245-53	2.7	18
67	Chitinase and □1,3-glucanase activities in chickpea (Cicer arietinum). Induction of different isoenzymes in response to wounding and ethephon. *Physiologia Plantarum*, **1994**, 92, 654-660	4.6	18
66	Stress responses in alfalfa (Medicago sativa L.) VII. Induction of defence related mRNAs in elicitor-treated cell suspension cultures. *Physiological and Molecular Plant Pathology*, **1990**, 37, 293-307	2.6	18
65	Ion Torrent and lllumina, two complementary RNA-seq platforms for constructing the holm oak (Quercus ilex) transcriptome. *PLoS ONE*, **2019**, 14, e0210356	3.7	17
64	Characterization and inducibility of a scopoletin-degrading enzyme from sunflower. *Phytochemistry* , **1997**, 45, 1109-1114	4	17
63	Induction of different chitinase and□1,3-glucanase isoenzymes in sunflower (Helianthus annuus L.) seedlings in response to infection byPlasmopara halstedii. *European Journal of Plant Pathology*, **1996**, 102, 401-405	2.1	17

62	Effect of ABA, arginine and sucrose on protein content of date palm somatic embryos. *Scientia Horticulturae*, **2009**, 120, 379-385	4.1	16
61	Metabolite and proteome changes during the ripening of Syrah and Cabernet Sauvignon grape varieties cultured in a nontraditional wine region in Brazil. *Journal of Proteomics*, **2015**, 113, 206-25	3.9	15
60	Purification and properties of phenylalanine ammonia-lyase from sunflower (Helianthus annuus L.) hypocotyls. *Biochimica Et Biophysica Acta - General Subjects*, **1988**, 964, 73-82	4	15
59	Standardization of data processing and statistical analysis in comparative plant proteomics experiment. *Methods in Molecular Biology*, **2014**, 1072, 51-60	1.4	14
58	Protein profile of cotyledon, tegument, and embryonic axis of mature acorns from a non-orthodox plant species: Quercus ilex. *Planta*, **2016**, 243, 369-96	4.7	13
57	Differences in the triticale (X Triticosecale Wittmack) flag leaf 2-DE protein profile between varieties and nitrogen fertilization levels. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 5698-707	5.7	13
56	2-DE based proteomic analysis of Saccharomyces cerevisiae wild and K+ transport-affected mutant (trk1,2) strains at the growth exponential and stationary phases. *Journal of Proteomics*, **2010**, 73, 2316-35	3.9	12
55	Induction of phenylalanine ammonia-lyase in hypocotyls of sunflower seedlings by light, excision and sucrose. *Physiologia Plantarum*, **1984**, 60, 159-165	4.6	12
54	Proteomic Analysis and Functional Validation of a Endochitinase Involved in Resistance to. *Frontiers in Plant Science*, **2019**, 10, 414	6.2	11
53	Quercus ilex pollen allergen, Que i 1, responsible for pollen food allergy syndrome caused by fruits in Spanish allergic patients. *Clinical and Experimental Allergy*, **2020**, 50, 815-823	4.1	11
52	Plant responses to tomato chlorotic mottle virus: Proteomic view of the resistance mechanisms to a bipartite begomovirus in tomato. *Journal of Proteomics*, **2017**, 151, 284-292	3.9	11
51	Toward characterizing germination and early growth in the non-orthodox forest tree species Quercus ilex through complementary gel and gel-free proteomic analysis of embryo and seedlings. *Journal of Proteomics*, **2019**, 197, 60-70	3.9	11
50	Proteomics, Holm Oak () and Other Recalcitrant and Orphan Forest Tree Species: How do They See Each Other?. *International Journal of Molecular Sciences*, **2019**, 20,	6.3	10
49	Population Genetic Diversity of Quercus ilex subsp. ballota (Desf.) Samp. Reveals Divergence in Recent and Evolutionary Migration Rates in the Spanish Dehesas. *Forests*, **2018**, 9, 337	2.8	10
48	Holm oak proteomic response to water limitation at seedling establishment stage reveals specific changes in different plant parts as well as interaction between roots and cotyledons. *Plant Science*, **2018**, 276, 1-13	5.3	10
47	Back to Osborne. Sequential protein extraction and LC-MS analysis for the characterization of the Holm oak seed proteome. *Methods in Molecular Biology*, **2014**, 1072, 379-89	1.4	10
46	Proteomics analysis of date palm leaves affected at three characteristic stages of brittle leaf disease. *Planta*, **2012**, 236, 1599-613	4.7	10
45	Towards a global analysis of porcine alveolar macrophages proteins through two-dimensional electrophoresis and mass spectrometry. *Developmental and Comparative Immunology*, **2007**, 31, 1220-32	3.2	10

44	Phytochemical composition and variability in Quercus ilex acorn morphotypes as determined by NIRS and MS-based approaches. *Food Chemistry*, **2021**, 338, 127803	8.5	10
43	Translational proteomics special issue. *Journal of Proteomics*, **2013**, 93, 1-4	3.9	9
42	Characterization of the orthodox Pinus occidentalis seed and pollen proteomes by using complementary gel-based and gel-free approaches. *Journal of Proteomics*, **2016**, 143, 382-389	3.9	9
41	Germination and Early Seedling Development in Recalcitrant and Non-dormant Seeds: Targeted Transcriptional, Hormonal, and Sugar Analysis. *Frontiers in Plant Science*, **2018**, 9, 1508	6.2	9
40	Substantial equivalence analysis in fruits from three Theobroma species through chemical composition and protein profiling. *Food Chemistry*, **2018**, 240, 496-504	8.5	8
39	Simple, rapid and reliable methods to obtain high quality RNA and genomic DNA from Quercus ilex L. leaves suitable for molecular biology studies. *Acta Physiologiae Plantarum*, **2012**, 34, 793-805	2.6	8
38	A proteomic approach analysing the Arabidopsis thaliana response to virulent and avirulent Pseudomonas syringae strains. *Acta Physiologiae Plantarum*, **2012**, 34, 905-922	2.6	8
37	Facing challenges in Proteomics today and in the coming decade: Report of Roundtable Discussions at the 4th EuPA Scientific Meeting, Portugal, Estoril 2010. *Journal of Proteomics*, **2011**, 75, 4-17	3.9	8
36	Responses and Differences in Tolerance to Water Shortage under Climatic Dryness Conditions in Seedlings from Quercus spp. and Andalusian Q. ilex Populations. *Forests*, **2020**, 11, 707	2.8	8
35	A year (2014-2015) of plants in Proteomics journal. Progress in wet and dry methodologies, moving from protein catalogs, and the view of classic plant biochemists. *Proteomics*, **2016**, 16, 866-76	4.8	8
34	What proteomic analysis of the apoplast tells us about plant–pathogen interactions. *Plant Pathology*, **2018**, 67, 1647-1668	2.8	7
33	Scientific standards and MIAPEs in plant proteomics research and publications. *Frontiers in Plant Science*, **2015**, 6, 473	6.2	7
32	Multiplex staining of 2-DE gels for an initial phosphoproteome analysis of germinating seeds and early grown seedlings from a non-orthodox specie: Quercus ilex L. subsp. ballota [Desf.] Samp. *Frontiers in Plant Science*, **2015**, 6, 620	6.2	7
31	Adaptation to potassium starvation of wild-type and K(+)-transport mutant (trk1,2) of Saccharomyces cerevisiae: 2-dimensional gel electrophoresis-based proteomic approach. *MicrobiologyOpen*, **2012**, 1, 182-93	3.4	7
30	Proteomic Protocols for the Study of Filamentous Fungi **2013**, 299-308		6
29	L-Phenylalanine Ammonia-Lyase from Sunflower Hypocotyls: Modulation by Cinnamic Acids. *Journal of Plant Physiology*, **1990**, 136, 415-420	3.6	6
28	GeLC-Orbitrap/MS and 2-DE-MALDI-TOF/TOF comparative proteomics analysis of seed cotyledons from the non-orthodox Quercus ilex tree species. *Journal of Proteomics*, **2021**, 233, 104087	3.9	6
27	What Is New in (Plant) Proteomics Methods and Protocols: The 2015-2019 Quinquennium. *Methods in Molecular Biology*, **2020**, 2139, 1-10	1.4	6

26	Recent Advances in MS-Based Plant Proteomics: Proteomics Data Validation Through Integration with Other Classic and -Omics Approaches. *Progress in Botany Fortschritte Der Botanik*, **2019**, 77-101	0.6	5
25	A physiological, biochemical and proteomic characterization of Saccharomyces cerevisiae trk1,2 transport mutants grown under limiting potassium conditions. *Microbiology (United Kingdom)*, **2015**, 161, 1260-70	2.9	5
24	Dissecting the Seed Maturation and Germination Processes in the Non-Orthodox Species Based on Protein Signatures as Revealed by 2-DE Coupled to MALDI-TOF/TOF Proteomics Strategy. *International Journal of Molecular Sciences*, **2020**, 21,	6.3	5
23	AGRONOMIC ASPECTS OF THE SUNFLOWER 7-HYDROXYLATED SIMPLE COUMARINS / ASPECTOS AGRONÓMICOS DE LAS CUMARINAS SIMPLES 7- HIDROXILADAS EN GIRASOL / ASPECTS AGRONOMIQUES DE 7 COUMARINES HYDROXYLES SIMPLES CHEZ LE TOURNESOL. *Helia*, **2000**, 23, 105-112	0.4	5
22	Proteomics Data Analysis for the Identification of Proteins and Derived Proteotypic Peptides of Potential Use as Putative Drought Tolerance Markers for. *International Journal of Molecular Sciences*, **2021**, 22,	6.3	5
21	Molecular Research on Stress Responses in Quercus spp.: From Classical Biochemistry to Systems Biology through Omics Analysis. *Forests*, **2021**, 12, 364	2.8	5
20	Combining P and Zn fertilization to enhance yield and grain quality in maize grown on Mediterranean soils. *Scientific Reports*, **2021**, 11, 7427	4.9	4
19	Protein Carbonylation As a Biomarker of Heavy Metal, Cd and Pb, Damage in Willd. ex Fl□gg□ *Plants*, **2019**, 8,	4.5	4
18	Variability studies of allochthonous stone pine (Pinus pinea L.) plantations in Chile through nut protein profiling. *Journal of Proteomics*, **2018**, 175, 95-104	3.9	3
17	Phosphorylated 11S globulins in sunflower seeds. *Seed Science Research*, **2013**, 23, 199-204	1.3	3
16	EuPA achieves visibility - an activity report on the first three years. *Journal of Proteomics*, **2008**, 71, 11-8	3.9	3
15	Sunflower Coumarin Phytoalexins Inhibit the Growth of the Virulent Pathogen Sclerotinia sclerotiorum. *Journal of Phytopathology*, **1999**, 147, 441-443	1.8	3
14	Proteotyping of Holm oak (Quercus ilex subsp. ballota) provenances through proteomic analysis of acorn flour. *Methods in Molecular Biology*, **2014**, 1072, 709-23	1.4	3
13	Application and optimization of label-free shotgun approaches in the study of Quercus ilex. *Journal of Proteomics*, **2021**, 233, 104082	3.9	3
12	Purification and partial characterization of soluble □-mannosidase isoforms from sunflower (Helianthus annuus L.) hypocotyls. *Plant Science*, **1989**, 62, 11-19	5.3	2
11	Making a protein extract from plant pathogenic fungi for gel- and LC-based proteomics. *Methods in Molecular Biology*, **2014**, 1072, 93-109	1.4	2
10	Why Consumers Prefer Green Friariello Pepper: Changes in the Protein and Metabolite Profiles Along the Ripening. *Frontiers in Plant Science*, **2021**, 12, 668562	6.2	2
9	Effect and Response of subsp. [Desf.] Samp. Seedlings From Three Contrasting Andalusian Populations to Individual and Combined and Drought Stresses. *Frontiers in Plant Science*, **2021**, 12, 722802	6.2	2

8	Proteomics Analysis of Plant Tissues Based on Two-Dimensional Gel Electrophoresis **2018**, 309-322		1
7	Electrophoresis-Based Proteomics to Study Development and Germination of Date Palm Zygotic Embryos. *Methods in Molecular Biology*, **2017**, 1638, 365-380	1.4	1
6	Effects of actinomycin D, cordycepin and cycloheximide on phenylalanine ammonia-lyase turnover in sunflower hypocotyls. *Journal of Plant Physiology*, **1990**, 137, 252-255	3.6	1
5	Proteomic Insights of Date Palm Embryogenesis and Responses to Environmental Stress. *Compendium of Plant Genomes*, **2021**, 85-99	0.8	1
4	Proteomics and plant biology: contributions to date and a look towards the next decade. *Expert Review of Proteomics*, **2021**, 18, 93-103	4.2	1
3	Untargeted MS-Based Metabolomics Analysis of the Responses to Drought Stress in Quercus ilex L. Leaf Seedlings and the Identification of Putative Compounds Related to Tolerance. *Forests*, **2022**, 13, 551	2.8	1
2	A Pipeline for Metabolic Pathway Reconstruction in Plant Orphan Species. *Methods in Molecular Biology*, **2020**, 2139, 367-380	1.4	
1	Population genetic structure and dispersal of Pinus occidentalis in the Dominican Republic by chloroplastic SSR, with implications for its conservation, management, and reforestation. *Canadian Journal of Forest Research*, **2022**, 52, 553-560	1.9	