

Jesus V Jorrin Novo

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Untargeted MS-Based Metabolomics Analysis of the Responses to Drought Stress in <i>Quercus ilex</i> L. Leaf Seedlings and the Identification of Putative Compounds Related to Tolerance. <i>Forests</i> , 2022 , 13, 551	2.8	1
132	Population genetic structure and dispersal of <i>Pinus occidentalis</i> in the Dominican Republic by chloroplastic SSR, with implications for its conservation, management, and reforestation. <i>Canadian Journal of Forest Research</i> , 2022 , 52, 553-560	1.9	
131	Proteomics Data Analysis for the Identification of Proteins and Derived Proteotypic Peptides of Potential Use as Putative Drought Tolerance Markers for. <i>International Journal of Molecular Sciences</i> , 2021 , 22,	6.3	5
130	Molecular Research on Stress Responses in <i>Quercus</i> spp.: From Classical Biochemistry to Systems Biology through Omics Analysis. <i>Forests</i> , 2021 , 12, 364	2.8	5
129	Combining P and Zn fertilization to enhance yield and grain quality in maize grown on Mediterranean soils. <i>Scientific Reports</i> , 2021 , 11, 7427	4.9	4
128	Why Consumers Prefer Green Friariello Pepper: Changes in the Protein and Metabolite Profiles Along the Ripening. <i>Frontiers in Plant Science</i> , 2021 , 12, 668562	6.2	2
127	Phytochemical composition and variability in <i>Quercus ilex</i> acorn morphotypes as determined by NIRS and MS-based approaches. <i>Food Chemistry</i> , 2021 , 338, 127803	8.5	10
126	Proteomic Insights of Date Palm Embryogenesis and Responses to Environmental Stress. <i>Compendium of Plant Genomes</i> , 2021 , 85-99	0.8	1
125	Proteomics and plant biology: contributions to date and a look towards the next decade. <i>Expert Review of Proteomics</i> , 2021 , 18, 93-103	4.2	1
124	GeLC-Orbitrap/MS and 2-DE-MALDI-TOF/TOF comparative proteomics analysis of seed cotyledons from the non-orthodox <i>Quercus ilex</i> tree species. <i>Journal of Proteomics</i> , 2021 , 233, 104087	3.9	6
123	Application and optimization of label-free shotgun approaches in the study of <i>Quercus ilex</i> . <i>Journal of Proteomics</i> , 2021 , 233, 104082	3.9	3
122	Effect and Response of subsp. [Desf.] Samp. Seedlings From Three Contrasting Andalusian Populations to Individual and Combined and Drought Stresses. <i>Frontiers in Plant Science</i> , 2021 , 12, 722802	6.2	2
121	<i>Quercus ilex</i> pollen allergen, Que i 1, responsible for pollen food allergy syndrome caused by fruits in Spanish allergic patients. <i>Clinical and Experimental Allergy</i> , 2020 , 50, 815-823	4.1	11
120	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. <i>International Journal of Molecular Sciences</i> , 2020 , 21,	6.3	5
119	A Pipeline for Metabolic Pathway Reconstruction in Plant Orphan Species. <i>Methods in Molecular Biology</i> , 2020 , 2139, 367-380	1.4	
118	Responses and Differences in Tolerance to Water Shortage under Climatic Dryness Conditions in Seedlings from <i>Quercus</i> spp. and Andalusian <i>Q. ilex</i> Populations. <i>Forests</i> , 2020 , 11, 707	2.8	8
117	What Is New in (Plant) Proteomics Methods and Protocols: The 2015-2019 Quinquennium. <i>Methods in Molecular Biology</i> , 2020 , 2139, 1-10	1.4	6

116	A multi-omics analysis of the grapevine pathogen <i>Lasiodiplodia theobromae</i> reveals that temperature affects the expression of virulence- and pathogenicity-related genes. <i>Scientific Reports</i> , 2019 , 9, 13144	4.9	26
115	Ion Torrent and Illumina, two complementary RNA-seq platforms for constructing the holm oak (<i>Quercus ilex</i>) transcriptome. <i>PLoS ONE</i> , 2019 , 14, e0210356	3.7	17
114	Recent Advances in MS-Based Plant Proteomics: Proteomics Data Validation Through Integration with Other Classic and -Omics Approaches. <i>Progress in Botany Fortschritte Der Botanik</i> , 2019 , 77-101	0.6	5
113	Proteomic Analysis and Functional Validation of a Endochitinase Involved in Resistance to. <i>Frontiers in Plant Science</i> , 2019 , 10, 414	6.2	11
112	Proteomics, Holm Oak () and Other Recalcitrant and Orphan Forest Tree Species: How do They See Each Other?. <i>International Journal of Molecular Sciences</i> , 2019 , 20,	6.3	10
111	Protein Carbonylation As a Biomarker of Heavy Metal, Cd and Pb, Damage in Willd. ex Flügge <i>Plants</i> , 2019 , 8,	4.5	4
110	Gel electrophoresis-based plant proteomics: Past, present, and future. Happy 10th anniversary Journal of Proteomics!. <i>Journal of Proteomics</i> , 2019 , 198, 1-10	3.9	28
109	Toward characterizing germination and early growth in the non-orthodox forest tree species <i>Quercus ilex</i> through complementary gel and gel-free proteomic analysis of embryo and seedlings. <i>Journal of Proteomics</i> , 2019 , 197, 60-70	3.9	11
108	Variability studies of allochthonous stone pine (<i>Pinus pinea</i> L.) plantations in Chile through nut protein profiling. <i>Journal of Proteomics</i> , 2018 , 175, 95-104	3.9	3
107	Substantial equivalence analysis in fruits from three <i>Theobroma</i> species through chemical composition and protein profiling. <i>Food Chemistry</i> , 2018 , 240, 496-504	8.5	8
106	A Multi-Omics Analysis Pipeline for the Metabolic Pathway Reconstruction in the Orphan Species. <i>Frontiers in Plant Science</i> , 2018 , 9, 935	6.2	19
105	Production of toxic metabolites by two strains of <i>Lasiodiplodia theobromae</i> , isolated from a coconut tree and a human patient. <i>Mycologia</i> , 2018 , 110, 642-653	2.4	22
104	Population Genetic Diversity of <i>Quercus ilex</i> subsp. <i>ballota</i> (Desf.) Samp. Reveals Divergence in Recent and Evolutionary Migration Rates in the Spanish Dehesas. <i>Forests</i> , 2018 , 9, 337	2.8	10
103	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. <i>Plant Science</i> , 2018 , 276, 1-13	5.3	10
102	Proteomics Analysis of Plant Tissues Based on Two-Dimensional Gel Electrophoresis 2018 , 309-322		1
101	What proteomic analysis of the apoplast tells us about plant-pathogen interactions. <i>Plant Pathology</i> , 2018 , 67, 1647-1668	2.8	7
100	Germination and Early Seedling Development in Recalcitrant and Non-dormant Seeds: Targeted Transcriptional, Hormonal, and Sugar Analysis. <i>Frontiers in Plant Science</i> , 2018 , 9, 1508	6.2	9
99	Electrophoresis-Based Proteomics to Study Development and Germination of Date Palm Zygotic Embryos. <i>Methods in Molecular Biology</i> , 2017 , 1638, 365-380	1.4	1

98	Plant responses to tomato chlorotic mottle virus: Proteomic view of the resistance mechanisms to a bipartite begomovirus in tomato. <i>Journal of Proteomics</i> , 2017 , 151, 284-292	3.9	11
97	Holm Oak () Transcriptome. Sequencing and Assembly Analysis. <i>Frontiers in Molecular Biosciences</i> , 2017 , 4, 70	5.6	20
96	Protein profile of cotyledon, tegument, and embryonic axis of mature acorns from a non-orthodox plant species: <i>Quercus ilex</i> . <i>Planta</i> , 2016 , 243, 369-96	4.7	13
95	Proteomics for exploiting diversity of lupin seed storage proteins and their use as nutraceuticals for health and welfare. <i>Journal of Proteomics</i> , 2016 , 143, 57-68	3.9	30
94	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. <i>Proteomics</i> , 2016 , 16, 866-76	4.8	8
93	Characterization of the orthodox <i>Pinus occidentalis</i> seed and pollen proteomes by using complementary gel-based and gel-free approaches. <i>Journal of Proteomics</i> , 2016 , 143, 382-389	3.9	9
92	A physiological, biochemical and proteomic characterization of <i>Saccharomyces cerevisiae</i> trk1,2 transport mutants grown under limiting potassium conditions. <i>Microbiology (United Kingdom)</i> , 2015 , 161, 1260-70	2.9	5
91	Fourteen years of plant proteomics reflected in Proteomics: moving from model species and 2DE-based approaches to orphan species and gel-free platforms. <i>Proteomics</i> , 2015 , 15, 1089-112	4.8	83
90	Metabolite and proteome changes during the ripening of Syrah and Cabernet Sauvignon grape varieties cultured in a nontraditional wine region in Brazil. <i>Journal of Proteomics</i> , 2015 , 113, 206-25	3.9	15
89	2-DE proteomics analysis of drought treated seedlings of <i>Quercus ilex</i> supports a root active strategy for metabolic adaptation in response to water shortage. <i>Frontiers in Plant Science</i> , 2015 , 6, 627	6.2	33
88	Scientific standards and MIAPes in plant proteomics research and publications. <i>Frontiers in Plant Science</i> , 2015 , 6, 473	6.2	7
87	Multiplex staining of 2-DE gels for an initial phosphoproteome analysis of germinating seeds and early grown seedlings from a non-orthodox specie: <i>Quercus ilex</i> L. subsp. <i>ballota</i> [Desf.] Samp. <i>Frontiers in Plant Science</i> , 2015 , 6, 620	6.2	7
86	Unraveling the in vitro secretome of the phytopathogen <i>Botrytis cinerea</i> to understand the interaction with its hosts. <i>Frontiers in Plant Science</i> , 2015 , 6, 839	6.2	32
85	Proteomic analysis of mycelium and secretome of different <i>Botrytis cinerea</i> wild-type strains. <i>Journal of Proteomics</i> , 2014 , 97, 195-221	3.9	59
84	Back to Osborne. Sequential protein extraction and LC-MS analysis for the characterization of the Holm oak seed proteome. <i>Methods in Molecular Biology</i> , 2014 , 1072, 379-89	1.4	10
83	Improving the quality of protein identification in non-model species. Characterization of <i>Quercus ilex</i> seed and <i>Pinus radiata</i> needle proteomes by using SEQUEST and custom databases. <i>Journal of Proteomics</i> , 2014 , 105, 85-91	3.9	45
82	Plant proteomics methods and protocols. <i>Methods in Molecular Biology</i> , 2014 , 1072, 3-13	1.4	26
81	Proteotyping of Holm oak (<i>Quercus ilex</i> subsp. <i>ballota</i>) provenances through proteomic analysis of acorn flour. <i>Methods in Molecular Biology</i> , 2014 , 1072, 709-23	1.4	3

80	Standardization of data processing and statistical analysis in comparative plant proteomics experiment. <i>Methods in Molecular Biology</i> , 2014 , 1072, 51-60	1.4	14
79	Making a protein extract from plant pathogenic fungi for gel- and LC-based proteomics. <i>Methods in Molecular Biology</i> , 2014 , 1072, 93-109	1.4	2
78	Physiological and proteomics analyses of Holm oak (<i>Quercus ilex</i> subsp. <i>ballota</i> [Desf.] Samp.) responses to <i>Phytophthora cinnamomi</i> . <i>Plant Physiology and Biochemistry</i> , 2013 , 71, 191-202	5.4	34
77	Proteomic Protocols for the Study of Filamentous Fungi 2013 , 299-308		6
76	Proteomics study reveals the molecular mechanisms underlying water stress tolerance induced by <i>Piriformospora indica</i> in barley. <i>Journal of Proteomics</i> , 2013 , 94, 289-301	3.9	109
75	Translational proteomics special issue. <i>Journal of Proteomics</i> , 2013 , 93, 1-4	3.9	9
74	Physiological and proteomic analyses of drought stress response in Holm oak provenances. <i>Journal of Proteome Research</i> , 2013 , 12, 5110-23	5.6	43
73	Application of label-free shotgun nUPLC-MS(E) and 2-DE approaches in the study of <i>Botrytis cinerea</i> mycelium. <i>Journal of Proteome Research</i> , 2013 , 12, 3042-56	5.6	26
72	Phosphorylated 11S globulins in sunflower seeds. <i>Seed Science Research</i> , 2013 , 23, 199-204	1.3	3
71	Proteomic analysis of Holm oak (<i>Quercus ilex</i> subsp. <i>ballota</i> [Desf.] Samp.) pollen. <i>Journal of Proteomics</i> , 2012 , 75, 2736-44	3.9	22
70	Simple, rapid and reliable methods to obtain high quality RNA and genomic DNA from <i>Quercus ilex</i> L. leaves suitable for molecular biology studies. <i>Acta Physiologiae Plantarum</i> , 2012 , 34, 793-805	2.6	8
69	Proteomics analysis of date palm leaves affected at three characteristic stages of brittle leaf disease. <i>Planta</i> , 2012 , 236, 1599-613	4.7	10
68	Contribution of proteomics to the study of plant pathogenic fungi. <i>Journal of Proteome Research</i> , 2012 , 11, 3-16	5.6	83
67	Adaptation to potassium starvation of wild-type and K(+)-transport mutant (<i>trk1,2</i>) of <i>Saccharomyces cerevisiae</i> : 2-dimensional gel electrophoresis-based proteomic approach. <i>MicrobiologyOpen</i> , 2012 , 1, 182-93	3.4	7
66	A proteomic approach analysing the <i>Arabidopsis thaliana</i> response to virulent and avirulent <i>Pseudomonas syringae</i> strains. <i>Acta Physiologiae Plantarum</i> , 2012 , 34, 905-922	2.6	8
65	Population variability based on the morphometry and chemical composition of the acorn in Holm oak (<i>Quercus ilex</i> subsp. <i>ballota</i> [Desf.] Samp.). <i>European Journal of Forest Research</i> , 2012 , 131, 893-904	2.7	38
64	Extracellular sunflower proteins: evidence on non-classical secretion of a jacalin-related lectin. <i>Protein and Peptide Letters</i> , 2012 , 19, 270-6	1.9	39
63	Facing challenges in Proteomics today and in the coming decade: Report of Roundtable Discussions at the 4th EuPA Scientific Meeting, Portugal, Estoril 2010. <i>Journal of Proteomics</i> , 2011 , 75, 4-17	3.9	8

62	Proteomic analysis of Arabidopsis protein S-nitrosylation in response to inoculation with <i>Pseudomonas syringae</i> . <i>Acta Physiologiae Plantarum</i> , 2011 , 33, 1493-1514	2.6	31
61	Back to the basics: Maximizing the information obtained by quantitative two dimensional gel electrophoresis analyses by an appropriate experimental design and statistical analyses. <i>Journal of Proteomics</i> , 2011 , 74, 1-18	3.9	140
60	Application of proteomics to the assessment of the response to ionising radiation in <i>Arabidopsis thaliana</i> . <i>Journal of Proteomics</i> , 2011 , 74, 1364-77	3.9	19
59	Studies of variability in Holm oak (<i>Quercus ilex</i> subsp. <i>ballota</i> [Desf.] Samp.) through acorn protein profile analysis. <i>Journal of Proteomics</i> , 2011 , 74, 1244-55	3.9	39
58	Proteomics research on forest trees, the most recalcitrant and orphan plant species. <i>Phytochemistry</i> , 2011 , 72, 1219-42	4	80
57	Two-dimensional gel electrophoresis-based proteomic analysis of the <i>Medicago truncatula</i> host (Uromyces striatus) interaction. <i>Annals of Applied Biology</i> , 2010 , 157, 243-257	2.6	18
56	Proteomics of plant pathogenic fungi. <i>Journal of Biomedicine and Biotechnology</i> , 2010 , 2010, 932527		96
55	Differences in the triticale (X <i>Triticosecale</i> Wittmack) flag leaf 2-DE protein profile between varieties and nitrogen fertilization levels. <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 5698-707	5.7	13
54	Combined proteomic and transcriptomic analysis identifies differentially expressed pathways associated to <i>Pinus radiata</i> needle maturation. <i>Journal of Proteome Research</i> , 2010 , 9, 3954-79	5.6	50
53	Two-dimensional electrophoresis based proteomic analysis of the pea (<i>Pisum sativum</i>) in response to <i>Mycosphaerella pinodes</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2010 , 58, 12822-32	5.7	33
52	Absciscic acid and sucrose increase the protein content in date palm somatic embryos, causing changes in 2-DE profile. <i>Phytochemistry</i> , 2010 , 71, 1223-36	4	39
51	2-DE based proteomic analysis of <i>Saccharomyces cerevisiae</i> wild and K ⁺ transport-affected mutant (trk1,2) strains at the growth exponential and stationary phases. <i>Journal of Proteomics</i> , 2010 , 73, 2316-33	3.9	12
50	Differential expression proteomics to investigate responses and resistance to <i>Orobanche crenata</i> in <i>Medicago truncatula</i> . <i>BMC Genomics</i> , 2009 , 10, 294	4.5	37
49	Vesicular fractions of sunflower apoplastic fluids are associated with potential exosome marker proteins. <i>FEBS Letters</i> , 2009 , 583, 3363-6	3.8	105
48	Proteomic analysis of the development and germination of date palm (<i>Phoenix dactylifera</i> L.) zygotic embryos. <i>Proteomics</i> , 2009 , 9, 2543-54	4.8	57
47	Understanding <i>Orobanche</i> and <i>Phelipanche</i> host plant interactions and developing resistance. <i>Weed Research</i> , 2009 , 49, 8-22	1.9	50
46	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. <i>Journal of Proteomics</i> , 2009 , 72, 285-314	3.9	174
45	Comparative 2-DE proteomic analysis of date palm (<i>Phoenix dactylifera</i> L.) somatic and zygotic embryos. <i>Journal of Proteomics</i> , 2009 , 73, 161-77	3.9	66

44	Effect of ABA, arginine and sucrose on protein content of date palm somatic embryos. <i>Scientia Horticulturae</i> , 2009 , 120, 379-385	4.1	16
43	Changes in the protein profile of <i>Quercus ilex</i> leaves in response to drought stress and recovery. <i>Journal of Plant Physiology</i> , 2009 , 166, 233-45	3.6	70
42	Proteomic analysis of <i>Pinus radiata</i> needles: 2-DE map and protein identification by LC/MS/MS and substitution-tolerant database searching. <i>Journal of Proteome Research</i> , 2008 , 7, 2616-31	5.6	45
41	EuPA achieves visibility - an activity report on the first three years. <i>Journal of Proteomics</i> , 2008 , 71, 11-8	3.9	3
40	Evaluation of three different protocols of protein extraction for <i>Arabidopsis thaliana</i> leaf proteome analysis by two-dimensional electrophoresis. <i>Journal of Proteomics</i> , 2008 , 71, 461-72	3.9	73
39	Constitutive Coumarin Accumulation on Sunflower Leaf Surface Prevents Rust Germ Tube Growth and Appressorium Differentiation. <i>Crop Science</i> , 2007 , 47, 1119-1124	2.4	27
38	Plant resistance to parasitic plants: molecular approaches to an old foe. <i>New Phytologist</i> , 2007 , 173, 703-712	5.82	85
37	Proteomic analysis of phytopathogenic fungus <i>Botrytis cinerea</i> as a potential tool for identifying pathogenicity factors, therapeutic targets and for basic research. <i>Archives of Microbiology</i> , 2007 , 187, 207-15	3	62
36	Antifungal activity of a new phenolic compound from capitulum of a head rot-resistant sunflower genotype. <i>Journal of Chemical Ecology</i> , 2007 , 33, 2245-53	2.7	18
35	Towards a global analysis of porcine alveolar macrophages proteins through two-dimensional electrophoresis and mass spectrometry. <i>Developmental and Comparative Immunology</i> , 2007 , 31, 1220-32	3.2	10
34	Pre-haustorial resistance to broomrape (<i>Orobancha cumana</i>) in sunflower (<i>Helianthus annuus</i>): cytochemical studies. <i>Journal of Experimental Botany</i> , 2006 , 57, 4189-200	7	68
33	Variation in the holm oak leaf proteome at different plant developmental stages, between provenances and in response to drought stress. <i>Proteomics</i> , 2006 , 6 Suppl 1, S207-14	4.8	85
32	A proteomic approach to study pea (<i>Pisum sativum</i>) responses to powdery mildew (<i>Erysiphe pisi</i>). <i>Proteomics</i> , 2006 , 6 Suppl 1, S163-74	4.8	74
31	Two-dimensional electrophoresis protein profile of the phytopathogenic fungus <i>Botrytis cinerea</i> . <i>Proteomics</i> , 2006 , 6 Suppl 1, S88-96	4.8	61
30	Plant proteome analysis: a 2004-2006 update. <i>Proteomics</i> , 2006 , 6, 5529-48	4.8	144
29	Fungitoxic effect of scopolin and related coumarins on <i>Sclerotinia sclerotiorum</i> . A way to overcome sunflower head rot. <i>Euphytica</i> , 2006 , 147, 451-460	2.1	36
28	Proteomics: a promising approach to study biotic interaction in legumes. A review. <i>Euphytica</i> , 2006 , 147, 37-47	2.1	54
27	<i>Orobancha crenata</i> resistance and avoidance in pea (<i>Pisum</i> spp.) operate at different developmental stages of the parasite. <i>Weed Research</i> , 2005 , 45, 379-387	1.9	92

26	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. <i>Proteomics</i> , 2005 , 5, 222-34	4.8	92
25	Crenate broomrape control in pea by foliar application of benzothiadiazole (BTH). <i>Phytoparasitica</i> , 2004 , 32, 21-29	1.5	34
24	Plant proteome analysis. <i>Proteomics</i> , 2004 , 4, 285-98	4.8	235
23	A proteomic approach to studying plant response to crenate broomrape (<i>Orobanche crenata</i>) in pea (<i>Pisum sativum</i>). <i>Phytochemistry</i> , 2004 , 65, 1817-28	4	75
22	Accumulation of soluble phenolic compounds in sunflower capitula correlates with resistance to <i>Sclerotinia sclerotiorum</i> . <i>Euphytica</i> , 2003 , 132, 321-329	2.1	26
21	SAR studies of sesquiterpene lactones as <i>Orobanche cumana</i> seed germination stimulants. <i>Journal of Agricultural and Food Chemistry</i> , 2002 , 50, 1911-7	5.7	27
20	Acibenzolar-S-methyl-induced resistance to sunflower rust (<i>Puccinia helianthi</i>) is associated with an enhancement of coumarins on foliar surface. <i>Physiological and Molecular Plant Pathology</i> , 2002 , 60, 155-162	2.6	58
19	Release of phytoalexins and related isoflavonoids from intact chickpea seedlings elicited with reduced glutathione at root level. <i>Plant Physiology and Biochemistry</i> , 2001 , 39, 785-795	5.4	38
18	Sunflower (<i>Helianthus annuus</i> L.) response to broomrape (<i>Orobanche cernua</i> Loebl.) parasitism: induced synthesis and excretion of 7-hydroxylated simple coumarins. <i>Journal of Experimental Botany</i> , 2001 , 52, 2227-34	7	123
17	Sunflower sesquiterpene lactone models induce <i>Orobanche cumana</i> seed germination. <i>Phytochemistry</i> , 2000 , 53, 45-50	4	58
16	AGRONOMIC ASPECTS OF THE SUNFLOWER 7-HYDROXYLATED SIMPLE COUMARINS / ASPECTOS AGRONOMICOS DE LAS CUMARINAS SIMPLES 7- HIDROXILADAS EN GIRASOL / ASPECTS AGRONOMIQUES DE 7 COUMARINES HYDROXYLES SIMPLES CHEZ LE TOURNESOL. <i>Helia</i> , 2000 , 23, 105-112	0.4	5
15	Sunflower Coumarin Phytoalexins Inhibit the Growth of the Virulent Pathogen <i>Sclerotinia sclerotiorum</i> . <i>Journal of Phytopathology</i> , 1999 , 147, 441-443	1.8	3
14	Coumarins in <i>helianthus tuberosus</i> : characterization, induced accumulation and biosynthesis. <i>Phytochemistry</i> , 1998 , 49, 1029-1036	4	35
13	Characterization and inducibility of a scopoletin-degrading enzyme from sunflower. <i>Phytochemistry</i> , 1997 , 45, 1109-1114	4	17
12	The production of coumarin phytoalexins in different plant organs of sunflower (<i>Helianthus annuus</i> L.). <i>Journal of Plant Physiology</i> , 1996 , 149, 261-266	3.6	31
11	Induction of different chitinase and β -1,3-glucanase isoenzymes in sunflower (<i>Helianthus annuus</i> L.) seedlings in response to infection by <i>Plasmopara halstedii</i> . <i>European Journal of Plant Pathology</i> , 1996 , 102, 401-405	2.1	17
10	Abiotic elicitation of coumarin phytoalexins in sunflower. <i>Phytochemistry</i> , 1995 , 38, 1185-1191	4	63
9	Root-shoot signalling in sunflower plants with confined root systems. <i>Plant and Soil</i> , 1994 , 166, 31-36	4.2	25

8	Chitinase and β 1,3-glucanase activities in chickpea (<i>Cicer arietinum</i>). Induction of different isoenzymes in response to wounding and ethephon. <i>Physiologia Plantarum</i> , 1994 , 92, 654-660	4.6	18
7	Stress Responses in Alfalfa (<i>Medicago sativa</i> L.): II. Purification, Characterization, and Induction of Phenylalanine Ammonia-Lyase Isoforms from Elicitor-Treated Cell Suspension Cultures. <i>Plant Physiology</i> , 1990 , 92, 447-55	6.6	80
6	Stress responses in alfalfa (<i>Medicago sativa</i> L.) VII. Induction of defence related mRNAs in elicitor-treated cell suspension cultures. <i>Physiological and Molecular Plant Pathology</i> , 1990 , 37, 293-307	2.6	18
5	L-Phenylalanine Ammonia-Lyase from Sunflower Hypocotyls: Modulation by Cinnamic Acids. <i>Journal of Plant Physiology</i> , 1990 , 136, 415-420	3.6	6
4	Effects of actinomycin D, cordycepin and cycloheximide on phenylalanine ammonia-lyase turnover in sunflower hypocotyls. <i>Journal of Plant Physiology</i> , 1990 , 137, 252-255	3.6	1
3	Purification and partial characterization of soluble β mannosidase isoforms from sunflower (<i>Helianthus annuus</i> L.) hypocotyls. <i>Plant Science</i> , 1989 , 62, 11-19	5.3	2
2	Purification and properties of phenylalanine ammonia-lyase from sunflower (<i>Helianthus annuus</i> L.) hypocotyls. <i>Biochimica Et Biophysica Acta - General Subjects</i> , 1988 , 964, 73-82	4	15
1	Induction of phenylalanine ammonia-lyase in hypocotyls of sunflower seedlings by light, excision and sucrose. <i>Physiologia Plantarum</i> , 1984 , 60, 159-165	4.6	12