

MarÃ-a Pilar LÃ³pez Gresa

List of Publications by Year in descending order

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60
papers

2,614
citations

159585

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197818

49
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62
all docs

62
docs citations

62
times ranked

3783
citing authors

#	ARTICLE	IF	CITATIONS
1	Signaling in the Tomato Immunity against <i>Fusarium oxysporum</i> . <i>Molecules</i> , 2021, 26, 1818.	3.8	18
2	Tomato trichomes are deadly hurdles limiting the establishment of <i>Amblyseius swirskii</i> Athias-Henriot (Acari: Phytoseiidae). <i>Biological Control</i> , 2021, 157, 104572.	3.0	21
3	Symptom Severity, Infection Progression and Plant Responses in <i>Solanum</i> Plants Caused by Three Pospiviroids Vary with the Inoculation Procedure. <i>International Journal of Molecular Sciences</i> , 2021, 22, 6189.	4.1	9
4	Untargeted Metabolomics of Rind Essential Oils Allowed to Differentiate Two Closely Related Clementine Varieties. <i>Plants</i> , 2021, 10, 1789.	3.5	1
5	(Z)-3-Hexenyl Butyrate Induces Stomata Closure and Ripening in <i>Vitis vinifera</i> . <i>Agronomy</i> , 2020, 10, 1122.	3.0	4
6	Ethylene is Involved in Symptom Development and Ribosomal Stress of Tomato Plants upon Citrus Exocortis Viroid Infection. <i>Plants</i> , 2020, 9, 582.	3.5	10
7	Tomato glycosyltransferase <i>Tw1</i> plays a role in flavonoid glycosylation and defence against virus. <i>BMC Plant Biology</i> , 2019, 19, 450.	3.6	27
8	Conservation of Thermospermine Synthase Activity in Vascular and Non-vascular Plants. <i>Frontiers in Plant Science</i> , 2019, 10, 663.	3.6	16
9	Effect of Benzothiadiazole on the Metabolome of Tomato Plants Infected by Citrus Exocortis Viroid. <i>Viruses</i> , 2019, 11, 437.	3.3	11
10	Volatile Compounds in Citrus Essential Oils: A Comprehensive Review. <i>Frontiers in Plant Science</i> , 2019, 10, 12.	3.6	216
11	Qualitative and Quantitative Differences in Osmolytes Accumulation and Antioxidant Activities in Response to Water Deficit in Four Mediterranean <i>Limonium</i> Species. <i>Plants</i> , 2019, 8, 506.	3.5	17
12	Insights on Salt Tolerance of Two Endemic <i>Limonium</i> Species from Spain. <i>Metabolites</i> , 2019, 9, 294.	2.9	19
13	Wild edible fool's watercress, a potential crop with high nutraceutical properties. <i>PeerJ</i> , 2019, 7, e6296.	2.0	8
14	Fruit flesh volatile and carotenoid profile analysis within the <i>Cucumis melo</i> L. species reveals unexploited variability for future genetic breeding. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 3915-3925.	3.5	50
15	A New Role For Green Leaf Volatile Esters in Tomato Stomatal Defense Against <i>Pseudomonas syringae</i> pv. <i>tomato</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1855.	3.6	43
16	Distinctive physiological and molecular responses to cold stress among cold-tolerant and cold-sensitive <i>Pinus halepensis</i> seed sources. <i>BMC Plant Biology</i> , 2018, 18, 236.	3.6	43
17	Tetrahydroisoquinolines functionalized with carbamates as selective ligands of D2 dopamine receptor. <i>Journal of Molecular Modeling</i> , 2017, 23, 273.	1.8	9
18	<i>Arabidopsis</i> m ⁶ A demethylase activity modulates viral infection of a plant virus and the m ⁶ A abundance in its genomic RNAs. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 10755-10760.	7.1	214

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19	A Non-targeted Metabolomics Approach Unravels the VOCs Associated with the Tomato Immune Response against <i>Pseudomonas syringae</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 1188.	3.6	35
20	Drought Tolerance in <i>Pinus halepensis</i> Seed Sources As Identified by Distinctive Physiological and Molecular Markers. <i>Frontiers in Plant Science</i> , 2017, 8, 1202.	3.6	38
21	Unraveling Salt Tolerance Mechanisms in Halophytes: A Comparative Study on Four Mediterranean <i>Limonium</i> Species with Different Geographic Distribution Patterns. <i>Frontiers in Plant Science</i> , 2017, 8, 1438.	3.6	65
22	Metabolic engineering to simultaneously activate anthocyanin and proanthocyanidin biosynthetic pathways in <i>Nicotiana</i> spp.. <i>PLoS ONE</i> , 2017, 12, e0184839.	2.5	18
23	Salinity-Induced Variation in Biochemical Markers Provides Insight into the Mechanisms of Salt Tolerance in Common (<i>Phaseolus vulgaris</i>) and Runner (<i>P. coccineus</i>) Beans. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1582.	4.1	44
24	Native-Invasive Plants vs. Halophytes in Mediterranean Salt Marshes: Stress Tolerance Mechanisms in Two Related Species. <i>Frontiers in Plant Science</i> , 2016, 7, 473.	3.6	45
25	<i>Bacillus subtilis</i> IAB/BS03 as a potential biological control agent. <i>European Journal of Plant Pathology</i> , 2016, 146, 597-608.	1.7	37
26	Stress tolerance mechanisms in <i>Juncus</i> : responses to salinity and drought in three <i>Juncus</i> species adapted to different natural environments. <i>Functional Plant Biology</i> , 2016, 43, 949.	2.1	34
27	Effects of Salt Stress on Three Ecologically Distinct Plantago Species. <i>PLoS ONE</i> , 2016, 11, e0160236.	2.5	60
28	Salicylic Acid Is Involved in the Basal Resistance of Tomato Plants to Citrus Exocortis Viroid and Tomato Spotted Wilt Virus. <i>PLoS ONE</i> , 2016, 11, e0166938.	2.5	50
29	CRITICAL THINKING OUTCOME ASSESSMENT IN A FIRST YEAR DEGREE COURSE. <i>INTED Proceedings</i> , 2016, , .	0.0	0
30	BOTANY TEACHING RESOURCES IN UNIVERSITY. <i>INTED Proceedings</i> , 2016, , .	0.0	0
31	EVALUATION OF THE OUTCOME APPLICATION AND PRACTICAL THINKING IN LIFE SCIENCES. <i>EDULEARN Proceedings</i> , 2016, , .	0.0	0
32	Metabolomic Profiling of Plant Tissues. <i>Methods in Molecular Biology</i> , 2015, 1284, 221-235.	0.9	16
33	Transgenic Tomato Plants Overexpressing Tyramine <i>N</i> -Hydroxycinnamoyltransferase Exhibit Elevated Hydroxycinnamic Acid Amide Levels and Enhanced Resistance to <i>Pseudomonas syringae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2014, 27, 1159-1169.	2.6	82
34	Salicylic acid and gentisic acid induce RNA silencing-related genes and plant resistance to RNA pathogens. <i>Plant Physiology and Biochemistry</i> , 2014, 77, 35-43.	5.8	96
35	A noncoding plant pathogen provokes both transcriptional and posttranscriptional alterations in tomato. <i>Proteomics</i> , 2013, 13, 833-844.	2.2	30
36	Diversity and Relationships in Key Traits for Functional and Apparent Quality in a Collection of Eggplant: Fruit Phenolics Content, Antioxidant Activity, Polyphenol Oxidase Activity, and Browning. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 8871-8879.	5.2	77

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37	Two copper complexes from two novel naphthalene-sulfonyl-triazole ligands: Different nuclearity and different DNA binding and cleavage capabilities. <i>Journal of Inorganic Biochemistry</i> , 2013, 125, 50-63.	3.5	16
38	The characterization of transgenic tomato overexpressing gibberellin 20-oxidase reveals induction of parthenocarpic fruit growth, higher yield, and alteration of the gibberellin biosynthetic pathway. <i>Journal of Experimental Botany</i> , 2012, 63, 5803-5813.	4.8	124
39	Metabolic fingerprinting of Tomato Mosaic Virus infected <i>Solanum lycopersicum</i> . <i>Journal of Plant Physiology</i> , 2012, 169, 1586-1596.	3.5	64
40	Metabolic Characterization of <i>Withania somnifera</i> from Different Regions of India Using NMR Spectroscopy. <i>Planta Medica</i> , 2011, 77, 1958-1964.	1.3	22
41	Identification of defence metabolites in tomato plants infected by the bacterial pathogen <i>Pseudomonas syringae</i> . <i>Environmental and Experimental Botany</i> , 2011, 74, 216-228.	4.2	92
42	Metabolic response of tomato leaves upon different plant-pathogen interactions. <i>Phytochemical Analysis</i> , 2010, 21, 89-94.	2.4	108
43	Molecular cloning and characterization of a novel tomato xylosyltransferase specific for gentisic acid. <i>Journal of Experimental Botany</i> , 2010, 61, 4325-4338.	4.8	13
44	Terretonins E and F, Inhibitors of the Mitochondrial Respiratory Chain from the Marine-Derived Fungus <i>Aspergillus insuetus</i> . <i>Journal of Natural Products</i> , 2009, 72, 1348-1351.	3.0	51
45	Bioprospecting for antagonistic <i>Penicillium</i> strains as a resource of new antitumor compounds. <i>World Journal of Microbiology and Biotechnology</i> , 2008, 24, 189-195.	3.6	19
46	Cytosporin-related compounds from the marine-derived fungus <i>Eutypella scoparia</i> . <i>Tetrahedron</i> , 2008, 64, 5365-5369.	1.9	53
47	Induction of cinnamate 4-hydroxylase and phenylpropanoids in virus-infected cucumber and melon plants. <i>Plant Science</i> , 2008, 174, 524-533.	3.6	49
48	Induction of <i>p</i> -Coumaroyldopamine and Feruloyldopamine, Two Novel Metabolites, in Tomato by the Bacterial Pathogen <i>Pseudomonas syringae</i> . <i>Molecular Plant-Microbe Interactions</i> , 2007, 20, 1439-1448.	2.6	74
49	Isolation and Structural Elucidation of Eight New Related Analogues of the Mycotoxin ($\hat{\alpha}$)-Botryodiplodin from <i>Penicillium coalescens</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2007, 55, 6977-6983.	5.2	9
50	Studies on puupehenone-metabolites of a <i>Dysidea</i> sp.: structure and biological activity. <i>Tetrahedron</i> , 2007, 63, 1380-1384.	1.9	33
51	New bioactive hydrogenated linderazulene-derivatives from the gorgonian <i>Echinogorgia</i> complexa. <i>Tetrahedron Letters</i> , 2007, 48, 2569-2571.	1.4	22
52	Production and fungitoxic activity of Sch 642305, a secondary metabolite of <i>Penicillium canescens</i> . <i>Mycopathologia</i> , 2007, 163, 295-301.	3.1	51
53	Insecticidal Activity of Paraherquamides, Including Paraherquamide H and Paraherquamide I, Two New Alkaloids Isolated from <i>Penicillium cluniae</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 2921-2925.	5.2	37
54	New Caulerpenyne-derived Metabolites of an <i>Elysia</i> Sacoglossan from the South Indian Coast. <i>Molecules</i> , 2006, 11, 808-816.	3.8	13

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55	Induction of gentisic acid 5-O-β-D-xylopyranoside in tomato and cucumber plants infected by different pathogens. <i>Phytochemistry</i> , 2006, 67, 142-148.	2.9	46
56	Circumdatin H, a New Inhibitor of Mitochondrial NADH Oxidase, from <i>Aspergillus ochraceus</i> . <i>Journal of Antibiotics</i> , 2005, 58, 416-419.	2.0	47
57	Novel Inhibitors of the Mitochondrial Respiratory Chain: Oximes and Pyrrolines Isolated from <i>Penicillium brevicompactum</i> and Synthetic Analogues. <i>Journal of Agricultural and Food Chemistry</i> , 2005, 53, 8296-8301.	5.2	6
58	New C21 ¹³ C ₂₀ pregnanes, inhibitors of mitochondrial respiratory chain, from Indopacific octocoral <i>Carijoa</i> sp.. <i>Tetrahedron Letters</i> , 2004, 45, 7745-7748.	1.4	24
59	Nitric oxide promotes strong cytotoxicity of phenolic compounds against <i>Escherichia coli</i> : the influence of antioxidant defenses. <i>Free Radical Biology and Medicine</i> , 2003, 35, 1373-1381.	2.9	24
60	Interactions of metal ions with two quinolone antimicrobial agents (cinoxacin and ciprofloxacin). <i>Journal of Inorganic Biochemistry</i> , 2002, 92, 65-74.	3.5	152