

MarÃ-a Dolores LÃ³pez

List of Publications by Year in descending order

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44
papers

1,208
citations

567281

15
h-index

377865

34
g-index

44
all docs

44
docs citations

44
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	Mode of inhibition of acetylcholinesterase by monoterpenoids and implications for pest control. <i>Industrial Crops and Products</i> , 2010, 31, 284-288.	5.2	292
2	Bioencapsulation of microbial inoculants for better soilâ€“plant fertilization. A review. <i>Agronomy for Sustainable Development</i> , 2013, 33, 751-765.	5.3	153
3	Toxic compounds in essential oils of coriander, caraway and basil active against stored rice pests. <i>Journal of Stored Products Research</i> , 2008, 44, 273-278.	2.6	150
4	Development of Formulations to Improve the Controlled-Release of Linalool to Be Applied As an Insecticide. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 1187-1192.	5.2	63
5	Are monoterpenoids and phenylpropanoids efficient inhibitors of acetylcholinesterase from stored product insect strains?. <i>Flavour and Fragrance Journal</i> , 2015, 30, 108-112.	2.6	49
6	Combined Effect of Microplastics and Cd Alters the Enzymatic Activity of Soil and the Productivity of Strawberry Plants. <i>Plants</i> , 2022, 11, 536.	3.5	48
7	Acetylcholinesterase activity of electric eel is increased or decreased by selected monoterpenoids and phenylpropanoids in a concentration-dependent manner. <i>Chemico-Biological Interactions</i> , 2015, 229, 36-43.	4.0	41
8	Promising antimicrobial activity against the honey bee parasite <i>Nosema ceranae</i> by methanolic extracts from Chilean native plants and propolis. <i>Journal of Apicultural Research</i> , 2018, 57, 522-535.	1.5	35
9	Volatile compounds other than CO ₂ emitted by different microorganisms promote distinct posttranscriptionally regulated responses in plants. <i>Plant, Cell and Environment</i> , 2019, 42, 1729-1746.	5.7	35
10	The Therapeutic Potential of Wogonin Observed in Preclinical Studies. <i>Evidence-based Complementary and Alternative Medicine</i> , 2021, 2021, 1-9.	1.2	30
11	Brassica sprouts exposed to microplastics: Effects on phytochemical constituents. <i>Science of the Total Environment</i> , 2022, 823, 153796.	8.0	25
12	<i>Stevia rebaudiana</i> Bertoni bioactive effects: From in vivo to clinical trials towards future therapeutic approaches. <i>Phytotherapy Research</i> , 2019, 33, 2904-2917.	5.8	22
13	Selection for tolerance to volatile monoterpenoids in <i>Sitophilus oryzae</i> (L.), <i>Rhyzopertha dominica</i> (F.) and <i>Cryptolestes pusillus</i> (SchÃ¶nherr). <i>Journal of Stored Products Research</i> , 2010, 46, 52-58.	2.6	21
14	New application of guayule resin in controlled release formulations. <i>Industrial Crops and Products</i> , 2013, 43, 44-49.	5.2	18
15	Sunburn control by nets differentially affects the antioxidant properties of fruit peel in â€“Galaâ€™ and â€“Fujiâ€™ apples. <i>Horticulture Environment and Biotechnology</i> , 2020, 61, 241-254.	2.1	17
16	Plant natural products with anti-thyroid cancer activity. <i>FÃ“totherapÃ“</i> , 2020, 146, 104640.	2.2	16
17	Combined application of microbial consortium and humic substances to improve the growth performance of blueberry seedlings. <i>Journal of Soil Science and Plant Nutrition</i> , 2016, , 0-0.	3.4	15
18	Native Species Facing Climate Changes: Response of Calafate Berries to Low Temperature and UV Radiation. <i>Foods</i> , 2021, 10, 196.	4.3	13

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19	Peganum spp.: A Comprehensive Review on Bioactivities and Health-Enhancing Effects and Their Potential for the Formulation of Functional Foods and Pharmaceutical Drugs. <i>Oxidative Medicine and Cellular Longevity</i> , 2021, 2021, 1-20.	4.0	13
20	The Use of Compost Increases Bioactive Compounds and Fruit Yield in Calafate Grown in the Central South of Chile. <i>Agriculture (Switzerland)</i> , 2022, 12, 98.	3.1	11
21	Changes in concentration of volatile compounds in response to defoliation of Muscat of Alexandria grapevines grown under a traditional farming system. <i>Chilean Journal of Agricultural Research</i> , 2017, 77, 373-381.	1.1	10
22	Fumigant Toxicity in <i>Myzus persicae</i> Sulzer (Hemiptera: Aphididae): Controlled Release of (E)-anethole from Microspheres. <i>Plants</i> , 2020, 9, 124.	3.5	10
23	Seasonal changes in white strawberry: Effect on aroma, phenolic compounds and its biological activity. <i>Journal of Berry Research</i> , 2021, 11, 103-118.	1.4	10
24	Spray-Dried Formulations Rich in Malvidin from Tintorera Grape Wastes: Characterization, Stability, and Storage. <i>Processes</i> , 2021, 9, 518.	2.8	9
25	Accumulation of delphinidin derivatives and other bioactive compound in wild maqui under different environmental conditions and fruit ripening stages. <i>Industrial Crops and Products</i> , 2022, 184, 115064.	5.2	9
26	Phenolic Compounds in Calafate Berries Encapsulated by Spray Drying: Neuroprotection Potential into the Ingredient. <i>Antioxidants</i> , 2021, 10, 1830.	5.1	8
27	New Insights Into Biopesticides: Solid and Liquid Formulations of Essential Oils and Derivatives. <i>Frontiers in Agronomy</i> , 2021, 3, .	3.3	8
28	Encapsulated Essential Oils as an Alternative to Insecticides in Funnel Traps. <i>Journal of Economic Entomology</i> , 2015, 108, 2117-2120.	1.8	7
29	Characterization of Bioactive Compounds in Blueberry and Their Impact on Soil Properties in Response to Plant Biostimulants. <i>Communications in Soil Science and Plant Analysis</i> , 2019, 50, 2482-2494.	1.4	7
30	Ethnopharmacology, Phytochemistry and Biological Activities of Native Chilean Plants. <i>Current Pharmaceutical Design</i> , 2021, 27, 953-970.	1.9	7
31	NUEVAS FUENTES DE ANTIOXIDANTES NATURALES: CARACTERIZACIÓN DE COMPUESTOS BIOACTIVOS EN CINCO FRUTOS NATIVOS DE CHILE. <i>Perfiles</i> , 2020, 2, 34-41.	0.1	7
32	Strategies of Elicitation to Enhance Bioactive Compound Content in Edible Plant Sprouts: A Bibliometric Study. <i>Plants</i> , 2021, 10, 2759.	3.5	7
33	Antibiotic-resistant <i>Staphylococcus aureus</i> strains of swine origin: molecular typing and susceptibility to oregano (<i>Origanum vulgare</i> L.) essential oil and maqui (<i>Aristotelia chilensis</i> (Molina) Stuntz) extract. <i>Journal of Applied Microbiology</i> , 2019, 127, 1048-1056.	3.1	6
34	Endophytic Yeasts for the Biocontrol of <i>Phlyctema vagabunda</i> in Apples. <i>Horticulturae</i> , 2022, 8, 535.	2.8	6
35	Underutilized Native Bioactive Berries: Opportunities for Foods and Trade. <i>Natural Product Communications</i> , 2018, 13, 1934578X1801301.	0.5	5
36	Critical period of weed interference on total polyphenol content in quinoa. <i>Chilean Journal of Agricultural Research</i> , 2019, 79, 405-414.	1.1	5

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37	Influence of Nitrate Fertilizer on Macronutrient Contents of Celery Plants on Soil-Less Culture. <i>Journal of Plant Nutrition</i> , 2007, 31, 55-67.	1.9	4
38	(E)-Anethole microspheres as an alternative insecticide in funnel traps. <i>Journal of Stored Products Research</i> , 2021, 93, 101862.	2.6	4
39	Influence of different water deficit levels during grain filling on yield and total polyphenols content in spring wheat cultivars. <i>Chilean Journal of Agricultural Research</i> , 2020, 80, 433-443.	1.1	4
40	Leaf lipids from <i>Euphorbia lagascae</i> Spreng. and <i>Euphorbia lathyris</i> L.. <i>Industrial Crops and Products</i> , 2010, 32, 560-565.	5.2	3
41	Next Generation Ingredients Based on Winemaking By-Products and an Approaching to Antiviral Properties. <i>Foods</i> , 2022, 11, 1604.	4.3	2
42	Investigation of diacylglycerol acyltransferase (DGAT) activity of microsomes from the seeds of three euphorbs. <i>Industrial Crops and Products</i> , 2009, 29, 530-535.	5.2	1
43	EFFECTO DE DIFERENTES INTENSIDADES DE PODA SOBRE EL RENDIMIENTO Y CALIDAD DE FRUTA EN ARÁNDANO (<i>Vaccinium corymbosum</i> L.) cv. BRIGITTA. <i>Chilean Journal of Agricultural and Animal Sciences</i> , 2017, , 0-0.	0.2	1
44	Effect of post-emergence herbicides on stress indicators in quinoa. <i>Chilean Journal of Agricultural Research</i> , 2020, 80, 21-29.	1.1	1