

Ana A Feregrino-PÃ©rez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1437830/publications.pdf>

Version: 2024-02-01

50
papers

1,072
citations

516710

16
h-index

434195

31
g-index

50
all docs

50
docs citations

50
times ranked

1363
citing authors

#	ARTICLE	IF	CITATIONS
1	Nanoparticles in Agroindustry: Applications, Toxicity, Challenges, and Trends. <i>Nanomaterials</i> , 2020, 10, 1654.	4.1	147
2	Functional properties and quality characteristics of bioactive compounds in berries: Biochemistry, biotechnology, and genomics. <i>Food Research International</i> , 2013, 54, 1195-1207.	6.2	122
3	A general overview of the benefits and possible negative effects of the nanotechnology in horticulture. <i>Scientia Horticulturae</i> , 2018, 238, 126-137.	3.6	107
4	Composition and Chemopreventive Effect of Polysaccharides from Common Beans (<i>Phaseolus vulgaris</i>) Tj ETQqO 0.0 rgBT /Overlock 10 8737-8744.	5.2	90
5	Current Approaches for Enhanced Expression of Secondary Metabolites as Bioactive Compounds in Plants for Agronomic and Human Health Purposes. <i>Polish Journal of Food and Nutrition Sciences</i> , 2013, 63, 67-78.	1.7	63
6	Non-digestible fraction of cooked bean (<i>Phaseolus vulgaris</i> L.) cultivar Bayo Madero suppresses colonic aberrant crypt foci in azoxymethane-induced rats. <i>Food and Function</i> , 2010, 1, 294.	4.6	41
7	Challenges and advantages of electrospun nanofibers in agriculture: a review. <i>Materials Research Express</i> , 2021, 8, 042001.	1.6	38
8	Exogenous fragmented DNA acts as a damage-associated molecular pattern (DAMP) inducing changes in CpG DNA methylation and defence-related responses in <i>Lactuca sativa</i> . <i>Functional Plant Biology</i> , 2018, 45, 1065.	2.1	33
9	Antimicrobial activities of cascalote (<i>Caesalpinia cacalaco</i>) phenolics-containing extract against fungus <i>Colletotrichum lindemuthianum</i> . <i>Industrial Crops and Products</i> , 2010, 31, 134-138.	5.2	31
10	Controlled elicitation increases steviol glycosides (SGs) content and gene expression-associated to biosynthesis of SGs in <i>Stevia rebaudiana</i> B. cv. Morita II. <i>Industrial Crops and Products</i> , 2019, 139, 111479.	5.2	30
11	Role of Stress and Defense in Plant Secondary Metabolites Production. <i>Advanced Structured Materials</i> , 2021, , 151-195.	0.5	29
12	Hydrogen peroxide protects pepper (<i>Capsicum annuum</i> L.) against pepper golden mosaic geminivirus (PepGMV) infections. <i>Physiological and Molecular Plant Pathology</i> , 2019, 106, 23-29.	2.5	25
13	Integrating Plant Nutrients and Elicitors for Production of Secondary Metabolites, Sustainable Crop Production and Human Health: A Review. <i>International Journal of Agriculture and Biology</i> , 2017, 19, 391-402.	0.4	23
14	A Non-digestible Fraction of the Common Bean (<i>Phaseolus vulgaris</i> L.) Induces Cell Cycle Arrest and Apoptosis During Early Carcinogenesis. <i>Plant Foods for Human Nutrition</i> , 2014, 69, 248-254.	3.2	21
15	Influence of Elicitors and Eustressors on the Production of Plant Secondary Metabolites. , 2019, , 333-388.		21
16	Calcium-dependent smooth muscle excitatory effect elicited by the venom of the hydrocoral <i>Millepora complanata</i> . <i>Toxicon</i> , 2002, 40, 777-785.	1.6	19
17	Effect of foliar salicylic acid and methyl jasmonate applications on protection against pill-bugs in lettuce plants (<i>Lactuca sativa</i>). <i>Phytoparasitica</i> , 2011, 39, 137-144.	1.2	19
18	Effect of foliar application of salicylic acid, hydrogen peroxide and a xyloglucan oligosaccharide on capsiate content and gene expression associated with capsinoids synthesis in <i>Capsicum annuum</i> L.. <i>Journal of Biosciences</i> , 2017, 42, 245-250.	1.1	17

#	ARTICLE	IF	CITATIONS
19	MicroRNA regulation during the tomato fruit development and ripening: A review. <i>Scientia Horticulturae</i> , 2020, 270, 109435.	3.6	17
20	Novel Semiautomated Method for Assessing in Vitro Cellular Antioxidant Activity Using the Light-Scattering Properties of Human Erythrocytes. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 1455-1461.	5.2	16
21	Elicitor Mixtures Significantly Increase Bioactive Compounds, Antioxidant Activity, and Quality Parameters in Sweet Bell Pepper. <i>Journal of Chemistry</i> , 2015, 2015, 1-8.	1.9	16
22	Extracellular DNA: A Relevant Plant Damage-Associated Molecular Pattern (DAMP) for Crop Protection Against Pests—A Review. <i>Journal of Plant Growth Regulation</i> , 2021, 40, 451-463.	5.1	14
23	Changes in the Content of Phenolic Compounds and Biological Activity in Traditional Mexican Herbal Infusions with Different Drying Methods. <i>Molecules</i> , 2020, 25, 1601.	3.8	12
24	Jacaranda flower (<i>Jacaranda mimosifolia</i>) as an alternative for antioxidant and antimicrobial use. <i>Heliyon</i> , 2020, 6, e05802.	3.2	12
25	Influence of hydrogen peroxide foliar applications on <i>in vitro</i> antimicrobial activity in <i>Capsicum chinense</i> Jacq.. <i>Plant Biosystems</i> , 2017, 151, 269-275.	1.6	11
26	Nanostructured mesoporous silica materials induce hormesis on chili pepper (<i>Capsicum annum</i> L.) under greenhouse conditions. <i>Heliyon</i> , 2022, 8, e09049.	3.2	11
27	Extracellular self-DNA plays a role as a damage-associated molecular pattern (DAMP) delaying zoospore germination rate and inducing stress-related responses in <i>Phytophthora capsici</i> . <i>Plant Pathology</i> , 2022, 71, 1066-1075.	2.4	8
28	Bioactivity and gene expression studies of an arbustive Mexican specie <i>Acaciella angustissima</i> (Timbe). <i>Industrial Crops and Products</i> , 2014, 52, 649-655.	5.2	7
29	Timbe (<i>Acaciella angustissima</i>) Pods Extracts Reduce the Levels of Glucose, Insulin and Improved Physiological Parameters, Hypolipidemic Effect, Oxidative Stress and Renal Damage in Streptozotocin-Induced Diabetic Rats. <i>Molecules</i> , 2018, 23, 2812.	3.8	7
30	Phytochemical and Pharmacological Properties of Secondary Metabolites in Berries. , 2018, , 397-427.		7
31	Effect on plant growth parameters and secondary metabolite content of lettuce (<i>Lactuca sativa</i> L.), coriander (<i>Coriandrum sativum</i>), and chili pepper (<i>Capsicum annum</i> L.) watered with disinfected water by Ag-TiO ₂ nanoparticles. <i>Environmental Science and Pollution Research</i> , 2021, 28, 37130-37141.	5.3	7
32	Green Synthesis via <i>Eucalyptus globulus</i> L. Extract of Ag-TiO ₂ Catalyst: Antimicrobial Activity Evaluation toward Water Disinfection Process. <i>Nanomaterials</i> , 2022, 12, 1944.	4.1	7
33	Polyphenol Content and Antioxidant Activity of Stevia and Peppermint as a Result of Organic and Conventional Fertilization. <i>Journal of Food Quality</i> , 2021, 2021, 1-6.	2.6	6
34	Potential Use of Industrial Cocoa Waste in Biofuel Production. <i>Journal of Chemistry</i> , 2021, 2021, 1-11.	1.9	6
35	Effect of Elicitors as Stimulating Substances on Sensory Quality Traits in Color Sweet Bell Pepper (<i>Capsicum annum</i> L. cv. Fascinato and Orangel) Grown under Greenhouse Conditions. <i>Polish Journal of Food and Nutrition Sciences</i> , 2018, 68, 359-365.	1.7	5
36	Phenolic compounds and antioxidant activity of methanolic extracts from leaves and flowers of chilcuague (<i>Heliopsis longipes</i> , Asteraceae). <i>Botanical Sciences</i> , 2021, 99, 149-160.	0.8	5

#	ARTICLE	IF	CITATIONS
37	Eustress application through-controlled elicitation strategies as an effective agrobiotechnology tool for capsaicinoids increase: a review. <i>Phytochemistry Reviews</i> , 0, , 1.	6.5	4
38	Strategies for Sustainable Plant Food Production: Facing the Current Agricultural Challenges” <i>Agriculture for Today and Tomorrow</i> . , 2014, , 1-50.		3
39	Strategies that Influence the Production of Secondary Metabolites in Plants. <i>Concepts and Strategies in Plant Sciences</i> , 2019, , 231-270.	0.5	3
40	Potential antioxidant activity of multienzymatically hydrolyzed corncob. <i>Biologia (Poland)</i> , 2022, 77, 803-813.	1.5	3
41	Effect of Two Levels of Temperature and Natural and Artificial Photoperiod on Growth and Metamorphosis of Bullfrog Tadpoles in an Intensive Rearing System. <i>North American Journal of Aquaculture</i> , 2018, 80, 388-396.	1.4	2
42	Production of fuel pellets from bean crop residues (<i>Phaseolus vulgaris</i>). <i>IET Renewable Power Generation</i> , 0, , .	3.1	2
43	Production of glucosinolates in different organs of white mustard plant (<i>Sinapis alba</i> L.) as a result of the application of hydrogen peroxide. , 2017, , .		1
44	Methylation profile and phenotypical changes in <i>Capsicum annum</i> L. under water deficit and H ₂ O ₂ application. , 2017, , .		1
45	Effect of the application of elicitors on the amount of steviol glycosides in <i>Stevia rebaudiana</i> Bertoni. , 2018, , .		1
46	Effect of Salicylic Acid in the Yield of Ricinine in <i>Ricinus communis</i> under Greenhouse Condition. <i>Plants</i> , 2021, 10, 1902.	3.5	1
47	Estudio comparativo de modelos matemáticos para predecir el poder calorífico de residuos agrícolas mexicanos. <i>Tecnológicas</i> , 2022, 25, e2142.	0.3	1
48	”Molecular characterization of primary and secondary lactoseric proteins of whey coming from different cheeses” <i>Introduction</i> . , 2017, , .		0
49	Role of Biotechnology in the Agrofood Industry. , 2018, , 1-26.		0
50	Evaluación proximal y contenido de antioxidantes de una pasta tipo espagueti a partir de orujo de uva y amaranto. <i>Investigación Y Ciencia De La Universidad Autónoma De Aguascalientes</i> , 2021, , 15-23.	0.1	0