Catalina Egea-Gilabert

List of Publications by Year
in descending order

56 papers	1,140 citations	361413 20 h-index	454955 30 g-index
56 all docs	56 docs citations	56 times ranked	1136 citing authors

#	Article	IF	Citations
1	Biological Control of Phytophthora Root Rot of Pepper Using Trichoderma harzianum and Streptomyces rochei in Combination. Journal of Phytopathology, 2007, 155, 342-349.	1.0	106
2	Grafting is an efficient alternative to shading screens to alleviate thermal stress in greenhouse-grown sweet pepper. Scientia Horticulturae, 2013, 149, 39-46.	3.6	64
3	Evaluation of Trichoderma harzianum for controlling root rot caused by Phytophthora capsici in pepper plants. Plant Pathology, 1999, 48, 58-65.	2.4	63
4	Selecting vegetative/generative/dwarfing rootstocks for improving fruit yield and quality in water stressed sweet peppers. Scientia Horticulturae, 2017, 214, 9-17.	3.6	51
5	Soluble phenolic acids in Capsicum annuum stems infected with Phytophthora capsici. Plant Pathology, 1995, 44, 116-123.	2.4	48
6	Elicitation of peroxidase activity and lignin biosynthesis in pepper suspension cells by Phytophthora capsici. Journal of Plant Physiology, 2001, 158, 151-158.	3.5	37
7	Characterization of purslane (Portulaca oleracea L.) accessions: Suitability as ready-to-eat product. Scientia Horticulturae, 2014, 172, 73-81.	3.6	35
8	Genetic variability in wild vs. cultivated Eruca vesicaria populations as assessed by morphological, agronomical and molecular analyses. Scientia Horticulturae, 2009, 121, 260-266.	3.6	34
9	Effect of aeration of the nutrient solution on the growth and quality of purslane (<i>Portulaca) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.9	34
10	Identification of F1 hybrids of artichoke by ISSR markers and morphological analysis. Molecular Breeding, 2011, 27, 157-170.	2.1	32
11	EFFECT OF SHADE ON YIELD, QUALITY AND PHOTOSYNTHESIS-RELATED PARAMETERS OF SWEET PEPPER PLANTS. Acta Horticulturae, 2012, , 545-552.	0.2	29
12	Peroxidase isoenzymes in the defense response of Capsicum annuum to Phytophthora capsici. Physiologia Plantarum, 1995, 94, 736-742.	5.2	28
13	Promising Composts as Growing Media for the Production of Baby Leaf Lettuce in a Floating System. Agronomy, 2020, 10, 1540.	3.0	27
14	The Importance of Ion Homeostasis and Nutrient Status in Seed Development and Germination. Agronomy, 2020, 10, 504.	3.0	27
15	Combined Effect of Salinity and LED Lights on the Yield and Quality of Purslane (Portulaca oleracea L.) Microgreens. Horticulturae, 2021, 7, 180.	2.8	27
16	An agroindustrial compost as alternative to peat for production of baby leaf red lettuce in a floating system. Scientia Horticulturae, 2019, 246, 907-915.	3.6	26
17	Genetic diversity and accession structure in European Cynara cardunculus collections. PLoS ONE, 2017, 12, e0178770.	2.5	26
18	Bacterial and fungal community dynamics during different stages of agro-industrial waste composting and its relationship with compost suppressiveness. Science of the Total Environment, 2022, 805, 150330.	8.0	25

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19	Î²-1,3-Glucanase isoenzymes and genes in resistant and susceptible pepper (Capsicum annuum) cultivars infected withPhytophthora capsici. Physiologia Plantarum, 1999, 107, 312-318.	5.2	23
20	Using molecular markers, nutritional traits and field performance data to characterize cultivated cardoon germplasm resources. Scientia Horticulturae, 2011, 127, 188-197.	3.6	21
21	Capsidiol accumulation in Capsicum annuum stems during the hypersensitive reaction to Phytophthora capsici. Journal of Plant Physiology, 1996, 149, 762-764.	3.5	20
22	Spectral composition from led lighting during storage affects nutraceuticals and safety attributes of fresh-cut red chard (Beta vulgaris) and rocket (Diplotaxis tenuifolia) leaves. Postharvest Biology and Technology, 2021, 175, 111500.	6.0	20
23	Selecting Bacterial Strains for Use in the Biocontrol of Diseases Caused by Phytophthora capsici and Alternaria alternata in Sweet Pepper Plants. Biologia Plantarum, 2003, 46, 569-574.	1.9	19
24	Genotype by environment interactions in cowpea (Vigna unguiculata L. Walp.) grown in the Iberian Peninsula. Crop and Pasture Science, 2017, 68, 924.	1.5	18
25	Effect of Exogenously Applied Methyl Jasmonate on Yield and Quality of Salt-Stressed Hydroponically Grown Sea Fennel (Crithmum maritimum L.). Agronomy, 2021, 11, 1083.	3.0	18
26	The Value of Legume Foods as a Dietary Source of Phytoprostanes and Phytofurans Is Dependent on Species, Variety, and Growing Conditions. European Journal of Lipid Science and Technology, 2019, 121, 1800484.	1.5	17
27	Spraying Agro-Industrial Compost Tea on Baby Spinach Crops: Evaluation of Yield, Plant Quality and Soil Health in Field Experiments. Agronomy, 2020, 10, 440.	3.0	17
28	Defence response of pepper (Capsicum annuum) suspension cells to Phytophthora capsici. Physiologia Plantarum, 1998, 103, 527-533.	5.2	16
29	Agronomical use as baby leaf salad of Silene vulgaris based on morphological, biochemical and molecular traits. Scientia Horticulturae, 2013, 152, 35-43.	3.6	16
30	NITROGEN AND AERATION LEVELS OF THE NUTRIENT SOLUTION IN SOILLESS CULTIVATION SYSTEMS AS IMPORTANT GROWING CONDITIONS AFFECTING INHERENT QUALITY OF BABY LEAF VEGETABLES: A REVIEW. Acta Horticulturae, 2015, , 167-177.	0.2	15
31	Root adaptation and ion selectivity affects the nutritional value of salt-stressed hydroponically grown baby-leaf Nasturtium officinale and Lactuca sativa. Agricultural and Food Science, 2016, 25, 230-239.	0.9	15
32	European cowpea landraces for a more sustainable agriculture system and novel foods. Journal of the Science of Food and Agriculture, 2017, 97, 4399-4407.	3.5	14
33	Changes in Pigments, Chlorophyllase Activity, and Chloroplast Ultrastructure in Ripening Pepper for Paprika. Journal of Agricultural and Food Chemistry, 1996, 44, 1704-1711.	5.2	13
34	Nitric oxide generation during the interaction with Phytophthora capsici of two Capsicum annuum varieties showing different degrees of sensitivity. Physiologia Plantarum, 2005, 124, 50-60.	5.2	13
35	Application of Directly Brewed Compost Extract Improves Yield and Quality in Baby Leaf Lettuce Grown Hydroponically. Agronomy, 2020, 10, 370.	3.0	13
36	Î²-1,3-glucanase and chitinase as pathogenesis-related proteins in the defense reaction of twoCapsicum annuum cultivars infected with cucumber mosaic virus. Biologia Plantarum, 1996, 38, 437.	1.9	11

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37	Isolation of Resistance Gene Analogs in Pepper Using Modified AFLPs. Biologia Plantarum, 2003, 46, 27-32.	1.9	10
38	Pepper morphological traits related with resistance to Phytophthora capsici. Biologia Plantarum, 2008, 52, 105-109.	1.9	10
39	The influence of feedstocks and additives in 23 added-value composts as a growing media component on Pythium irregulare suppressivity. Waste Management, 2021, 120, 351-363.	7.4	10
40	EFFECT OF PGPR APPLICATION AND NITROGEN DOSES ON BABY LEAF LETTUCE GROWN IN A FLOATING SYSTEM. Acta Horticulturae, 2012, , 679-687.	0.2	9
41	Capsidiol: Its role in the resistance of Capsicum annuum to Phytophthora capsici. Physiologia Plantarum, 1996, 98, 737-742.	5.2	9
42	Nutrient solution aeration and growing cycles affect quality and yield of fresh-cut baby leaf red lettuce. Agricultural and Food Science, 2015, 24, .	0.9	9
43	Effect of Compost Extract Addition to Different Types of Fertilizers on Quality at Harvest and Shelf Life of Spinach. Agronomy, 2021, 11, 632.	3.0	8
44	Genotype Ã— Environment Interactions in Crop Breeding. Agronomy, 2021, 11, 1644.	3.0	8
45	ASSESSMENT OF GENETIC VARIATION IN AN ARTICHOKE EUROPEAN COLLECTION BY MEANS OF MOLECULAR MARKERS. Acta Horticulturae, 2012, , 81-88.	0.2	8
46	Combined Effects of Growth Cycle and Different Levels of Aeration in Nutrient Solution on Productivity, Quality, and Shelf Life of Watercress (Nasturtium officinale R. Br.) Plants. Hortscience: A Publication of the American Society for Hortcultural Science, 2014, 49, 567-573.	1.0	8
47	Effect of Saline-Nutrient Solution on Yield, Quality, and Shelf-Life of Sea Fennel (Crithmum maritimum) Tj ETQq1 1 0.784314 rgBT /Ov	2.8	8
48	Approaches for the discrimination of suppressive soils for Pythium irregulare disease. Applied Soil Ecology, 2020, 147, 103439.	4.3	6
49	Inherent Quality and Safety of Watercress Grown in a Floating System Using <i>Bacillus subtilis</i>. Horticulture Journal, 2016, 85, 148-153.	0.8	5
50	CHARACTERIZATION OF THE CYNARA EUROPEAN GENETIC RESOURCES. Acta Horticulturae, 2012, , 89-93.	0.2	4
51	Host-pathogen interaction of root-knot nematode Meloidogyne incognita on pepper in the southeast of Spain. European Journal of Plant Pathology, 2011, 131, 511-518.	1.7	3
52	Inoculation with Different Nitrogen-Fixing Bacteria and Arbuscular Mycorrhiza Affects Grain Protein Content and Nodule Bacterial Communities of a Fava Bean Crop. Agronomy, 2020, 10, 768.	3.0	3
53	GENETIC VARIABILITY IN TEN SPANISH CARDOON POPULATIONS AS ASSESSED BY MORPHOLOGICAL, AGRONOMICAL AND MOLECULAR ANALYSES. Acta Horticulturae, 2012, , 115-122.	0.2	2
54	AGRONOMIC BEHAVIOUR OF ARTICHOKE CULTIVARS IN SE SPAIN. Acta Horticulturae, 2012, , 239-246.	0.2	1

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55	Understanding the Postharvest Phytochemical Composition Fates of Packaged Watercress (Nasturtium officinale R. Br.) Grown in a Floating System and Treated with Bacillus subtilis as PGPR. Plants, 2022, 11, 589.	3.5	1
56	Effect of Climate Change on Growth, Development and Pathogenicity of Phytopathogenic Telluric Fungi. Advances in Intelligent Systems and Computing, 2019, , 14-21.	0.6	0