

Patricia Piccoli

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

2,306
citations

361296

20
h-index

345118

36
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all docs

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docs citations

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times ranked

2715
citing authors

#	ARTICLE	IF	CITATIONS
1	Gibberellin production by bacteria and its involvement in plant growth promotion and yield increase. <i>Applied Microbiology and Biotechnology</i> , 2004, 65, 497-503.	1.7	415
2	Title is missing!. <i>Plant Growth Regulation</i> , 1998, 24, 7-11.	1.8	271
3	Bacteria isolated from roots and rhizosphere of <i>Vitis vinifera</i> retard water losses, induce abscisic acid accumulation and synthesis of defense-related terpenes in in vitro cultured grapevine. <i>Physiologia Plantarum</i> , 2014, 151, 359-374.	2.6	200
4	Abscisic acid is involved in the response of grape (<i>Vitis vinifera</i> L.) cv. Malbec leaf tissues to ultraviolet-B radiation by enhancing ultraviolet-absorbing compounds, antioxidant enzymes and membrane sterols. <i>Plant, Cell and Environment</i> , 2009, 33, 1-10.	2.8	168
5	Solar UV-B and ABA Are Involved in Phenol Metabolism of <i>Vitis vinifera</i> L. Increasing Biosynthesis of Berry Skin Polyphenols. <i>Journal of Agricultural and Food Chemistry</i> , 2011, 59, 4874-4884.	2.4	164
6	Metabolism of terpenes in the response of grape (<i>Vitis vinifera</i> L.) leaf tissues to UV-B radiation. <i>Phytochemistry</i> , 2012, 77, 89-98.	1.4	150
7	Characterization of polyphenols and evaluation of antioxidant capacity in grape pomace of the cv. Malbec. <i>Food Chemistry</i> , 2015, 178, 172-178.	4.2	116
8	<i>Azospirillum brasilense</i> and <i>Azospirillum lipoferum</i> Hydrolyze Conjugates of GA20 and Metabolize the Resultant Aglycones to GA1 in Seedlings of Rice Dwarf Mutants. <i>Plant Physiology</i> , 2001, 125, 2053-2058.	2.3	85
9	Characterization of the As(III) tolerance conferred by plant growth promoting rhizobacteria to in vitro-grown grapevine. <i>Applied Soil Ecology</i> , 2017, 109, 60-68.	2.1	74
10	An endophytic bacterium isolated from roots of the halophyte <i>Prosopis strombulifera</i> produces ABA, IAA, gibberellins A1 and A3 and jasmonic acid in chemically-defined culture medium. <i>Plant Growth Regulation</i> , 2011, 64, 207-210.	1.8	73
11	Volatile organic compounds characterized from grapevine (<i>Vitis vinifera</i> L. cv. Malbec) berries increase at pre-harvest and in response to UV-B radiation. <i>Phytochemistry</i> , 2013, 96, 148-157.	1.4	71
12	Title is missing!. <i>Plant Growth Regulation</i> , 1997, 23, 179-182.	1.8	49
13	<i>Allium sativum</i> produces terpenes with fungistatic properties in response to infection with <i>Sclerotium cepivorum</i> . <i>Phytochemistry</i> , 2015, 115, 152-160.	1.4	44
14	Malbec grape (<i>Vitis vinifera</i> L.) responses to the environment: Berry phenolics as influenced by solar UV-B, water deficit and sprayed abscisic acid. <i>Plant Physiology and Biochemistry</i> , 2016, 109, 84-90.	2.8	44
15	Rhizosphere associated bacteria trigger accumulation of terpenes in leaves of <i>Vitis vinifera</i> L. cv. Malbec that protect cells against reactive oxygen species. <i>Plant Physiology and Biochemistry</i> , 2016, 106, 295-304.	2.8	42
16	Acclimation mechanisms elicited by sprayed abscisic acid, solar UV-B and water deficit in leaf tissues of field-grown grapevines. <i>Plant Physiology and Biochemistry</i> , 2015, 91, 56-60.	2.8	38
17	Role of ABA and Gibberellin A3 on gene expression pattern of sugar transporters and invertases in <i>Vitis vinifera</i> cv. Malbec during berry ripening. <i>Plant Growth Regulation</i> , 2018, 84, 275-283.	1.8	35
18	Native bacteria isolated from roots and rhizosphere of <i>Solanum lycopersicum</i> L. increase tomato seedling growth under a reduced fertilization regime. <i>Scientific Reports</i> , 2020, 10, 15642.	1.6	31

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19	Bacteria and smoke-water extract improve growth and induce the synthesis of volatile defense mechanisms in <i>Vitis vinifera</i> L.. <i>Plant Physiology and Biochemistry</i> , 2017, 120, 1-9.	2.8	25
20	Arsenic and trace elements in soil, water, grapevine and onion in J�jchal, Argentina. <i>Science of the Total Environment</i> , 2018, 615, 1485-1498.	3.9	25
21	Abiotic Stress Tolerance Induced by Endophytic PGPR. <i>Soil Biology</i> , 2013, , 151-163.	0.6	19
22	<i>Pseudomonas fluorescens</i> and <i>Azospirillum brasilense</i> Increase Yield and Fruit Quality of Tomato Under Field Conditions. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1614-1624.	1.7	18
23	Ultraviolet-B radiation, water deficit and abscisic acid: a review of independent and interactive effects on grapevines. <i>Theoretical and Experimental Plant Physiology</i> , 2016, 28, 11-22.	1.1	15
24	Interactions between a plant growth-promoting rhizobacterium and smoke-derived compounds and their effect on okra growth. <i>Journal of Plant Nutrition and Soil Science</i> , 2015, 178, 741-747.	1.1	14
25	Use of Plant Growth-Promoting Rhizobacteria as Biocontrol Agents: Induced Systemic Resistance Against Biotic Stress in Plants. , 2017, , 133-152.		14
26	Solar UV-B radiation modifies the proportion of volatile organic compounds in flowers of field-grown grapevine (<i>Vitis vinifera</i> L.) cv. Malbec. <i>Plant Growth Regulation</i> , 2014, 74, 193-197.	1.8	13
27	Plant growth promoting rhizobacteria alleviate stress by AsIII in grapevine. <i>Agriculture, Ecosystems and Environment</i> , 2018, 267, 100-108.	2.5	13
28	Phenolic metabolites in plasma and tissues of rats fed with a grape pomace extract as assessed by liquid chromatography-tandem mass spectrometry. <i>Archives of Biochemistry and Biophysics</i> , 2018, 651, 28-33.	1.4	12
29	Non�structural carbohydrates and sugar export in grapevine leaves exposed to different light regimes. <i>Physiologia Plantarum</i> , 2021, 171, 728-738.	2.6	11
30	Role of Abscisic Acid Producing PGPR in Sustainable Agriculture. <i>Sustainable Development and Biodiversity</i> , 2015, , 259-282.	1.4	10
31	Grape pomace reduced reperfusion arrhythmias in rats with a high-fat-fructose diet. <i>Food and Function</i> , 2017, 8, 3501-3509.	2.1	8
32	In vitro plants of <i>Vitis vinifera</i> respond to infection with the fungus <i>Phaeoacremonium parasiticum</i> by synthesizing the phytoalexin nerolidol. <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 138, 459-466.	1.2	8
33	Abscisic Acid�s Role in the Modulation of Compounds that Contribute to Wine Quality. <i>Plants</i> , 2021, 10, 938.	1.6	8
34	Simultaneous determination of carotenoids with different polarities in tomato products using a C30 core-shell column based approach. <i>Microchemical Journal</i> , 2020, 159, 105390.	2.3	7
35	Carotenoid profile produced by <i>Bacillus licheniformis</i> Rt4M10 isolated from grapevines grown in high altitude and their antioxidant activity. <i>International Journal of Food Science and Technology</i> , 2018, 53, 2697-2705.	1.3	5
36	Wood hydrosystem of three cultivars of <i>Vitis vinifera</i> L. is modified in response to contrasting soils. <i>Plant and Soil</i> , 2021, 463, 573-588.	1.8	3

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37	Modeling vegetative vigour in grapevine: unraveling underlying mechanisms. Heliyon, 2020, 6, e05708.	1.4	2