

Laura Pistelli

List of Publications by Year in descending order

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docs citations

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2214
citing authors

#	ARTICLE	IF	CITATIONS
1	Biological and Agronomic Traits of the Main Halophytes Widespread in the Mediterranean Region as Potential New Vegetable Crops. <i>Horticulturae</i> , 2022, 8, 195.	2.8	34
2	Valorization of a Waste Product of Edible Flowers: Volatile Characterization of Leaves. <i>Molecules</i> , 2022, 27, 2172.	3.8	2
3	Halophyte <i>Artemisia caerulescens</i> L.: Metabolites from In Vitro Shoots and Wild Plants. <i>Plants</i> , 2022, 11, 1081.	3.5	5
4	Physiological and Biochemical Adaptive Traits in Leaves of Four Citrus Species Grown in an Italian Charterhouse. <i>Horticulturae</i> , 2022, 8, 324.	2.8	2
5	Phytochemical Characterization of Citrus-Based Products Supporting Their Antioxidant Effect and Sensory Quality. <i>Foods</i> , 2022, 11, 1550.	4.3	6
6	Postharvest Treatments on Sensorial and Biochemical Characteristics of <i>Begonia cucullata</i> Willd Edible Flowers. <i>Foods</i> , 2022, 11, 1481.	4.3	7
7	Small Functional Foods: Comparative Phytochemical and Nutritional Analyses of Five Microgreens of the Brassicaceae Family. <i>Foods</i> , 2021, 10, 427.	4.3	33
8	The Effects of Post-Harvest Treatments on the Quality of <i>Agastache aurantiaca</i> Edible Flowers. <i>Horticulturae</i> , 2021, 7, 83.	2.8	9
9	Plant Production and Leaf Anatomy of <i>Mertensia maritima</i> (L.) Gray: Comparison of In Vitro Culture Methods to Improve Acclimatization. <i>Horticulturae</i> , 2021, 7, 111.	2.8	5
10	<i>Ulva intestinalis</i> Extract Acts as Biostimulant and Modulates Metabolites and Hormone Balance in Basil (<i>Ocimum basilicum</i> L.) and Parsley (<i>Petroselinum crispum</i> L.). <i>Plants</i> , 2021, 10, 1391.	3.5	12
11	Combined effect of silicon and non-thermal plasma treatments on yield, mineral content, and nutraceutical proprieties of edible flowers of <i>Begonia cucullata</i> . <i>Plant Physiology and Biochemistry</i> , 2021, 166, 1014-1021.	5.8	5
12	<i>Hibiscus rosa-sinensis</i> as Flavoring Agent for Alcoholic Beverages. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9864.	2.5	8
13	Rosmarinic Acid and Ulvan from Terrestrial and Marine Sources in Anti-Microbial Bionanosystems and Biomaterials. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9249.	2.5	10
14	<i>Rhizobium rhizogenes</i> -Mediated Genetic Transformation of Antidiabetic Plants. , 2021, , 341-382.		0
15	Edible roses as novel food with healthy value. <i>Acta Horticulturae</i> , 2021, , 239-244.	0.2	2
16	Growing basil in the underwater biospheres of Nemo's Garden®: Phytochemical, physiological and micromorphological analyses. <i>Scientia Horticulturae</i> , 2020, 259, 108851.	3.6	6
17	Screening of trace metal elements for pollution tolerance of freshwater and marine microalgal strains: Overview and perspectives. <i>Algal Research</i> , 2020, 45, 101751.	4.6	21
18	Salinity-Induced Changes of Photosynthetic Performance, Lawsone, VOCs, and Antioxidant Metabolism in <i>Lawsonia inermis</i> L.. <i>Plants</i> , 2020, 9, 1797.	3.5	3

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19	Phytonutritional Content and Aroma Profile Changes During Postharvest Storage of Edible Flowers. <i>Frontiers in Plant Science</i> , 2020, 11, 590968.	3.6	9
20	Bioactive Compounds and Aroma Profile of Some Lamiaceae Edible Flowers. <i>Plants</i> , 2020, 9, 691.	3.5	35
21	Steviol glycosides profile in <i>Stevia rebaudiana</i> Bertoni hairy roots cultured under oxidative stress-inducing conditions. <i>Applied Microbiology and Biotechnology</i> , 2020, 104, 5929-5941.	3.6	12
22	The influence of ripeness stage and growth area on myrtle-leaved orange (chinotto) peel essential oil composition. <i>Biochemical Systematics and Ecology</i> , 2020, 91, 104071.	1.3	1
23	<i>Polianthes Tuberosa</i> as Edible Flower: In Vitro Propagation and Nutritional Properties. <i>International Journal of Electrical Energy</i> , 2020, , 57-62.	0.4	3
24	Salinity in Autumn-Winter Season and Fruit Quality of Tomato Landraces. <i>Frontiers in Plant Science</i> , 2019, 10, 1078.	3.6	29
25	Essential oils and volatile emission of eight South African species of <i>Helichrysum</i> grown in uniform environmental conditions. <i>South African Journal of Botany</i> , 2019, 124, 178-187.	2.5	11
26	Day-Length Is Involved in Flooding Tolerance Response in Wild Type and Variant Genotypes of Rootstock <i>Prunus cerasifera</i> L.. <i>Frontiers in Plant Science</i> , 2019, 10, 546.	3.6	5
27	Accumulation of rosmarinic acid and behaviour of ROS processing systems in <i>Melissa officinalis</i> L. under heat stress. <i>Industrial Crops and Products</i> , 2019, 138, 111469.	5.2	26
28	Essential Oil Composition and Biological Activity of "Pompia", a Sardinian Citrus Ecotype. <i>Molecules</i> , 2019, 24, 908.	3.8	15
29	Effect of Iodine treatments on <i>Ocimum basilicum</i> L.: Biofortification, phenolics production and essential oil composition. <i>PLoS ONE</i> , 2019, 14, e0226559.	2.5	34
30	Volatilomic Analysis of Four Edible Flowers from Agastache Genus. <i>Molecules</i> , 2019, 24, 4480.	3.8	26
31	Drought stress adaptation modulates plant secondary metabolite production in <i>Salvia dolomitica</i> Codd. <i>Industrial Crops and Products</i> , 2019, 129, 85-96.	5.2	86
32	Chemical composition of essential oil from plants of abandoned mining site of Elba island. <i>Natural Product Research</i> , 2019, 33, 143-147.	1.8	7
33	Growth, Yield and Chemical Composition of Essential Oil of <i>Mentha piperita</i> var. <i>multimentha</i> Grown Under Different Agro-ecological Locations in Egypt. <i>Journal of Essential Oil-bearing Plants: JEOP</i> , 2018, 21, 23-39.	1.9	8
34	Growth, development and steviol glycosides content in the relation to the photosynthetic activity of several <i>Stevia rebaudiana</i> Bertoni strains cultivated under temperate climate conditions. <i>Scientia Horticulturae</i> , 2018, 234, 10-18.	3.6	19
35	Ecophysiological and phytochemical responses of <i>Salvia sinoensis</i> Fern. to drought stress. <i>Plant Growth Regulation</i> , 2018, 84, 383-394.	3.4	56
36	Antioxidant Activity of Several Essential Oils from Different <i>Rosmarinus officinalis</i> Cultivars Grown in Sanremo (Italy). <i>Natural Product Communications</i> , 2018, 13, 1934578X1801300.	0.5	3

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37	Luteolin Prevents Cardiometabolic Alterations and Vascular Dysfunction in Mice With HFD-Induced Obesity. <i>Frontiers in Pharmacology</i> , 2018, 9, 1094.	3.5	46
38	Essential oil composition of six <i>Helichrysum</i> species grown in Italy. <i>Biochemical Systematics and Ecology</i> , 2018, 79, 15-20.	1.3	7
39	The flavonoid compound apigenin prevents colonic inflammation and motor dysfunctions associated with high fat diet-induced obesity. <i>PLoS ONE</i> , 2018, 13, e0195502.	2.5	47
40	Aroma profile and bitter acid characterization of hop cones (<i>Humulus lupulus</i> L.) of five healthy and infected Polish cultivars. <i>Industrial Crops and Products</i> , 2018, 124, 653-662.	5.2	16
41	The flavonoid compound luteolin prevents endothelial dysfunction in a mouse model of high fat diet-induced obesity. <i>Proceedings for Annual Meeting of the Japanese Pharmacological Society</i> , 2018, WCP2018, PO4-2-47.	0.0	0
42	Response of spontaneous plants from an ex-mining site of Elba island (Tuscany, Italy) to metal(loid) contamination. <i>Environmental Science and Pollution Research</i> , 2017, 24, 7809-7820.	5.3	27
43	Protective Role of Flavonoids Against Colonic Motor Dysfunctions Associated with High Fat Diet-Induced Obesity. <i>Gastroenterology</i> , 2017, 152, S828.	1.3	0
44	Establishment of in vitro plants selected from heavy metal contaminated soils for further phytoremediation use. <i>Acta Horticulturae</i> , 2017, , 599-606.	0.2	2
45	Arbuscular mycorrhizal fungi alter the content and composition of secondary metabolites in <i>Bituminaria bituminosa</i> L. <i>Plant Biology</i> , 2017, 19, 926-933.	3.8	30
46	Agronomic and phytochemical evaluation of lavandin and lavender cultivars cultivated in the Tyrrhenian area of Tuscany (Italy). <i>Industrial Crops and Products</i> , 2017, 109, 37-44.	5.2	52
47	Strategies for Optimization of the Production of Rosmarinic Acid in <i>Salvia officinalis</i> L. and <i>Salvia dolomitica</i> Codd Biomass with Several Biotechnological Approaches. , 2017, , 209-239.		4
48	Daidzein Production and HeLa Cytotoxicity of <i>Bituminaria bituminosa</i> Hairy Root Cultures. <i>Natural Product Communications</i> , 2017, 12, 1934578X1701201.	0.5	1
49	Establishment of Highly Efficient <i>Agrobacterium Rhizogenes</i> -mediated Transformation for <i>Stevia Rebaudiana</i> Bertoni Explants. <i>Acta Biologica Cracoviensia Series Botanica</i> , 2016, 58, 113-118.	0.5	8
50	Water deficit regimes trigger changes in valuable physiological and phytochemical parameters in <i>Helichrysum petiolare</i> Hilliard & B.L. Burt. <i>Industrial Crops and Products</i> , 2016, 83, 680-692.	5.2	43
51	Micropropagation of <i>Salvia wagneriana</i> Polak and hairy root cultures with rosmarinic acid production. <i>Natural Product Research</i> , 2016, 30, 2538-2544.	1.8	11
52	Preliminary results on basil grown in the Nemo's Garden®. <i>Planta Medica</i> , 2016, 81, S1-S381.	1.3	0
53	GAMMA IRRADIATION INDUCES NEO-ORGANOGENESIS IN A <i>ROSMARINUS OFFICINALIS</i> CALLUS LINE SELECTED FOR SECONDARY METABOLITES PRODUCTION. <i>Acta Horticulturae</i> , 2015, , 535-539.	0.2	1
54	Can Ozone Alter the Terpenoid Composition and Membrane Integrity of <i>in vitro</i> <i>Melissa officinalis</i> Shoots?. <i>Natural Product Communications</i> , 2015, 10, 1934578X1501000.	0.5	1

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55	Tissue culture and aromatic profile in <i>Salvia dolomitica</i> Codd. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 121, 83-95.	2.3	26
56	Ozone-elicited secondary metabolites in shoot cultures of <i>Melissa officinalis</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 617-629.	2.3	56
57	Can Ozone Alter the Terpenoid Composition and Membrane Integrity of in vitro <i>Melissa officinalis</i> Shoots?. <i>Natural Product Communications</i> , 2015, 10, 1055-8.	0.5	3
58	In vitro Cultures of <i>Bituminaria bituminosa</i> : Pterocarpan, Furanocoumarin and Isoflavone Production and Cytotoxic Activity Evaluation. <i>Natural Product Communications</i> , 2014, 9, 1934578X1400900.	0.5	6
59	HPLC-DAD-MS Analysis and Antiviral Activity of Different Extracts and Isolated Constituents from <i>Bituminaria bituminosa</i> . <i>Chemistry of Natural Compounds</i> , 2014, 50, 726-729.	0.8	3
60	Metal contamination in urban street sediment in Pisa (Italy) can affect the production of antioxidant metabolites in <i>Taraxacum officinale</i> Weber. <i>Environmental Science and Pollution Research</i> , 2014, 21, 2325-2333.	5.3	21
61	Antibacterial activity of essential oils, their blends and mixtures of their main constituents against some strains supporting livestock mastitis. <i>FÄ-toterapÄ-Äç</i> , 2014, 96, 1-7.	2.2	57
62	Molecular cloning of SoHPPR encoding a hydroxyphenylpyruvate reductase, and its expression in cell suspension cultures of <i>Salvia officinalis</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 114, 131-138.	2.3	18
63	Aroma characterisation and UV elicitation of purple basil from different plant tissue cultures. <i>Food Chemistry</i> , 2013, 141, 776-787.	8.2	35
64	Composition of volatile in micropropagated and field grown aromatic plants from Tuscany Islands.. <i>Acta Biochimica Polonica</i> , 2013, 60, .	0.5	22
65	Composition of volatile in micropropagated and field grown aromatic plants from Tuscany Islands. <i>Acta Biochimica Polonica</i> , 2013, 60, 43-50.	0.5	11
66	CONTAMINATION DURING MICROPROPAGATION: ANALYSIS OF THE BACTERIAL LINES AND TREATMENT WITH SAGE EXTRACT. <i>Acta Horticulturae</i> , 2012, , 81-88.	0.2	2
67	Novel <i>Prunus</i> rootstock somaclonal variants with divergent ability to tolerate waterlogging. <i>Tree Physiology</i> , 2012, 32, 355-368.	3.1	36
68	In vitro and in vivo antifungal activity of some essential oils against feline isolates of <i>Microsporum canis</i> . <i>Journal De Mycologie Medicale</i> , 2012, 22, 179-184.	1.5	32
69	Production of Curcuminoids in Different in vitro Organs of <i>Curcuma longa</i> . <i>Natural Product Communications</i> , 2012, 7, 1934578X1200700.	0.5	4
70	Molecular analysis of a sunflower gene encoding an homologous of the B subunit of a CAAT binding factor. <i>Molecular Biology Reports</i> , 2012, 39, 6449-6465.	2.3	11
71	Fructan metabolism in tall fescue calli under different environmental condition. <i>African Journal of Biotechnology</i> , 2012, 11, .	0.6	1
72	Production of Curcuminoids in different in vitro organs of <i>Curcuma longa</i> . <i>Natural Product Communications</i> , 2012, 7, 1037-42.	0.5	7

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73	Temporal dynamics in the evolution of the sunflower genome as revealed by sequencing and annotation of three large genomic regions. <i>Theoretical and Applied Genetics</i> , 2011, 123, 779-791.	3.6	30
74	Hairy Root Cultures for Secondary Metabolites Production. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 167-184.	1.6	82
75	Plant Cell Cultures: Bioreactors for Industrial Production. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 203-221.	1.6	63
76	Analytical Methods for the Extraction and Identification of Secondary Metabolite Production in <i>in Vitro</i> Plant Cell Cultures. <i>Advances in Experimental Medicine and Biology</i> , 2010, 698, 250-266.	1.6	17
77	HACRE1, a recently inserted copia-like retrotransposon of sunflower (<i>Helianthus annuus</i> L.). <i>Genome</i> , 2009, 52, 904-911.	2.0	15
78	PHYTOCHEMICAL CHARACTERISATION OF IN VITRO REGENERATED SHOOTS OF ECHINACEA ANGUSTIFOLIA DC.. <i>Acta Horticulturae</i> , 2009, , 257-264.	0.2	1
79	Anti-clastogenic activity of two structurally related pterocarpans purified from <i>Bituminaria bituminosa</i> in cultured human lymphocytes. <i>Mutation Research - Genetic Toxicology and Environmental Mutagenesis</i> , 2004, 561, 75-81.	1.7	34
80	Cloning and characterization of barley long chain acyl-CoA oxidase and its possible regulation by glucose. <i>Physiologia Plantarum</i> , 2003, 117, 22-32.	5.2	1
81	Characterization of two <i>Arabidopsis thaliana</i> fructokinases. <i>Plant Science</i> , 2001, 160, 1107-1114.	3.6	40
82	Glyoxylate cycle enzymes in seedlings and in mature plants of tomato (<i>Lycopersicon esculentum</i> Mill.). <i>Plant Science</i> , 1997, 129, 39-47.	3.6	15
83	$\hat{1}^2$ -Oxidation of fatty acids by the unspecialized peroxisomes from rice coleoptile. <i>Plant Science</i> , 1996, 118, 25-30.	3.6	5
84	Glycoxylate cycle enzyme activities are induced in senescent pumpkin fruits. <i>Plant Science</i> , 1996, 119, 23-29.	3.6	27
85	NADP ⁺ -isocitrate dehydrogenase in germinating cucumber cotyledons: Purification and characterization of a cytosolic isoenzyme. <i>Physiologia Plantarum</i> , 1996, 98, 13-19.	5.2	14
86	NADP ⁺ -isocitrate dehydrogenase in germinating cucumber cotyledons: Purification and characterization of a cytosolic isoenzyme. <i>Physiologia Plantarum</i> , 1996, 98, 13-19.	5.2	7
87	Evidences of glyoxylate cycle in peroxisomes of senescent cotyledons. <i>Plant Science</i> , 1995, 109, 13-21.	3.6	10
88	Effect of Leaf Senescence on Glyoxylate Cycle Enzyme Activities. <i>Functional Plant Biology</i> , 1992, 19, 723.	2.1	15
89	Peroxisomal enzyme activities in attached senescing leaves. <i>Planta</i> , 1991, 184, 151-153.	3.2	65
90	Localization of glyoxylate-cycle marker enzymes in peroxisomes of senescent leaves and green cotyledons. <i>Planta</i> , 1990, 180, 435-439.	3.2	91

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91	Localization of glyoxylate-cycle marker enzymes in peroxisomes of senescent leaves and green cotyledons. <i>Planta</i> , 1990, 180, 435-439.	3.2	31
92	Localisation of beta-oxidation enzymes in peroxisomes of rice coleoptiles. <i>Physiologia Plantarum</i> , 1989, 76, 144-148.	5.2	15
93	Peroxisomes in Rice Coleoptiles Grown in Air and in Anoxia. <i>Botanica Acta</i> , 1989, 102, 129-133.	1.6	5
94	Day-night changes in the levels of adenine nucleotides, phosphoenolpyruvate and inorganic pyrophosphate in leaves of plants having Crassulacean acid metabolism. <i>Planta</i> , 1987, 172, 479-486.	3.2	13
95	Gibberellin-like activity in suspensors of <i>Tropaeolum majus</i> L. and <i>Cytisus laburnum</i> L. <i>Planta</i> , 1984, 162, 566-568.	3.2	25
96	Yield and qualitative characterisation of seeds of <i>Amaranthus hypochondriacus</i> L. and <i>Amaranthus cruentus</i> L. grown in central Italy. <i>Italian Journal of Agronomy</i> , 0, , 63-73.	1.0	13