

Michele Pisante

List of Publications by Year in descending order

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Version: 2024-02-01

55
papers

2,789
citations

304743
22
h-index

206112
48
g-index

57
all docs

57
docs citations

57
times ranked

3742
citing authors

#	ARTICLE	IF	CITATIONS
1	Multiple benefits of legumes for agriculture sustainability: an overview. Chemical and Biological Technologies in Agriculture, 2017, 4, .	4.6	502
2	Climate change and food safety: An emerging issue with special focus on Europe. Food and Chemical Toxicology, 2009, 47, 1009-1021.	3.6	437
3	No-tillage and conventional tillage effects on durum wheat yield, grain quality and soil moisture content in southern Italy. Soil and Tillage Research, 2007, 92, 69-78.	5.6	329
4	Evaluating environmental sensitivity at the basin scale through the use of geographic information systems and remotely sensed data: an example covering the Agri basin (Southern Italy). Catena, 2000, 40, 19-35.	5.0	205
5	Plant growth-promoting rhizobacteria (PGPR) in Cannabis sativa "Finola"™ cultivation: An alternative fertilization strategy to improve plant growth and quality characteristics. Industrial Crops and Products, 2018, 123, 75-83.	5.2	106
6	Effects of nutrient deficiency and abiotic environmental stresses on yield, phenolic compounds and antiradical activity in lettuce (Lactuca sativa L.). Scientia Horticulturae, 2015, 187, 93-101.	3.6	87
7	Phenolic compounds in grains, sprouts and wheatgrass of hulled and non-hulled wheat species. Journal of the Science of Food and Agriculture, 2015, 95, 1795-1803.	3.5	85
8	Effects of straw mulch on growth and yield of durum wheat during transition to Conservation Agriculture in Mediterranean environment. Field Crops Research, 2014, 167, 51-63.	5.1	70
9	Past and Future of Plant Stress Detection: An Overview From Remote Sensing to Positron Emission Tomography. Frontiers in Plant Science, 2020, 11, 609155.	3.6	69
10	Shading and nitrogen management affect quality, safety and yield of greenhouse-grown leaf lettuce. Scientia Horticulturae, 2015, 192, 70-79.	3.6	62
11	Effects of N fertilizers and rates on yield, safety and nutrients in processing spinach genotypes. Scientia Horticulturae, 2007, 114, 225-233.	3.6	56
12	Cadmium concentration in durum wheat grain (<i>Triticum turgidum</i>) as influenced by nitrogen rate, seeding date and soil type. Journal of the Science of Food and Agriculture, 2010, 90, 813-822.	3.5	50
13	Water stress effects on growth, yield and quality traits of red beet. Scientia Horticulturae, 2014, 165, 13-22.	3.6	46
14	Light quantity and quality supplies sharply affect growth, morphological, physiological and quality traits of basil. Industrial Crops and Products, 2018, 122, 277-289.	5.2	40
15	Durum wheat varieties in N-deficient environments and organic farming: a comparison of yield, quality and stability performances. Plant Breeding, 2013, 132, 266-275.	1.9	38
16	Open field inoculation with PGPR as a strategy to manage fertilization of ancient Triticum genotypes. Biology and Fertility of Soils, 2020, 56, 111-124.	4.3	38
17	The critical period for weed competition in French bean (Phaseolus vulgaris L.) in Mediterranean areas. Crop Protection, 2011, 30, 179-184.	2.1	33
18	Effect of Soil Tillage and Crop Sequence on Grain Yield and Quality of Durum Wheat in Mediterranean Areas. Agronomy, 2019, 9, 488.	3.0	27

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19	Responses of radish (<sc><i>Raphanus sativus</i></sc>) to drought stress. <i>Annals of Applied Biology</i> , 2018, 172, 170-186.	2.5	26
20	Managing faba bean residues to enhance the fruit quality of the melon (<i>Cucumis melo</i> L.) crop. <i>Scientia Horticulturae</i> , 2010, 126, 317-323.	3.6	25
21	Long-term impact of farm management and crops on soil microorganisms assessed by combined DGGE and PLFA analyses. <i>Frontiers in Microbiology</i> , 2014, 5, 644.	3.5	24
22	Conservation Agriculture: A Different Approach for Crop Production Through Sustainable Soil and Water Management: A Review. <i>Sustainable Agriculture Reviews</i> , 2009, , 55-83.	1.1	24
23	Agronomic and kernel quality of ancient wheats grown in central and Southern Italy. <i>Cereal Research Communications</i> , 2008, 36, 313-326.	1.6	23
24	Application of photo-selective films to manipulate wavelength of transmitted radiation and photosynthate composition in red beet (<i>Beta vulgaris</i> var. <i>conditiva</i> Alef.). <i>Journal of the Science of Food and Agriculture</i> , 2014, 94, 713-720.	3.5	23
25	Nitrogen fertilisation of durum wheat: a case study in Mediterranean area during transition to conservation agriculture. <i>Italian Journal of Agronomy</i> , 2016, 11, 12-23.	1.0	23
26	Innovations in Sustainable Agriculture. , 2019, , .		22
27	Influence of phosphorus management on melon (<i>Cucumis melo</i>L.) fruit quality. <i>Journal of the Science of Food and Agriculture</i> , 2016, 96, 2715-2722.	3.5	21
28	Conservation Agriculture and Climate Change. , 2015, , 579-620.		20
29	Durum Wheat Quality, Yield and Sanitary Status under Conservation Agriculture. <i>Agriculture (Switzerland)</i> , 2018, 8, 140.	3.1	20
30	Effects of sprouting and salt stress on polyphenol composition and antiradical activity of einkorn, emmer and durum wheat. <i>Italian Journal of Agronomy</i> , 2017, , .	1.0	19
31	A Multivariate Clustering Approach for Characterization of the Montepulciano d'Abruzzo Colline Teramane Area. <i>American Journal of Enology and Viticulture</i> , 2011, 62, 239-244.	1.7	18
32	Criteria for Selecting Optimal Nitrogen Fertilizer Rates for Precision Agriculture. <i>Italian Journal of Agronomy</i> , 2009, 4, 147.	1.0	17
33	Proteomics of Durum Wheat Grain during Transition to Conservation Agriculture. <i>PLoS ONE</i> , 2016, 11, e0156007.	2.5	17
34	Agricultural innovations for sustainable crop production intensification. <i>Italian Journal of Agronomy</i> , 2012, 7, 40.	1.0	16
35	Impact of Conservation Agriculture on Soil Erosion in the Annual Cropland of the Apulia Region (Southern Italy) Based on the RUSLE-GIS-GEE Framework. <i>Agronomy</i> , 2022, 12, 281.	3.0	14
36	Leaf traits as indicators of limiting growing conditions for lettuce (<i>Lactuca sativa</i>). <i>Annals of Applied Biology</i> , 2016, 169, 342-356.	2.5	12

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37	Slow release and conventional N fertilizers for nutrition of bell pepper. <i>Plant, Soil and Environment</i> , 2012, 58, 268-274.	2.2	11
38	Durum Wheat Yield and Grain Quality in Early Transition from Conventional to Conservation Tillage in Semi-Arid Mediterranean Conditions. <i>Agriculture (Switzerland)</i> , 2021, 11, 711.	3.1	10
39	Influence of fluorinated surfactants on the efficacy of some post-emergence sulfonylurea herbicides. <i>Journal of Pesticide Sciences</i> , 2007, 32, 16-23.	1.4	10
40	Response of French Bean (<i>Phaseolus vulgaris</i> L.) Cultivars to Foliar Applications of Magnesium. <i>Italian Journal of Agronomy</i> , 2009, 4, 101.	1.0	9
41	Effect of Light and Water Supply on Morphological and Physiological Leaf Traits of Red Beet. <i>Agronomy Journal</i> , 2014, 106, 459-468.	1.8	9
42	The Challenge of Agricultural Sustainability for Asia and Europe. <i>Transition Studies Review</i> , 2010, 17, 662-667.	0.4	8
43	Factors Involved on Tiger-Stripe Foliar Symptom Expression of Esca of Grapevine. <i>Plants</i> , 2021, 10, 1041.	3.5	8
44	Sustainable Agriculture and Food Security. , 2019, , 3-24.		8
45	Estimating within-field variation using a nonparametric density algorithm. <i>Environmetrics</i> , 2006, 17, 465-481.	1.4	7
46	Yield, Quality and Physiological Traits of Red Beet Under Different Magnesium Nutrition and Light Intensity Levels. <i>Agronomy</i> , 2019, 9, 379.	3.0	6
47	Management of crop residues to improve quality traits of tomato (<i>Solanum lycopersicum</i> L.) fruits. <i>Italian Journal of Agronomy</i> , 2017, 12, .	1.0	5
48	Sustainable Soil Management. , 2019, , 105-131.		5
49	Design Study of a Novel Positron Emission Tomography System for Plant Imaging. <i>Frontiers in Plant Science</i> , 2021, 12, 736221.	3.6	5
50	Defoliation and S nutrition on radish: growth, polyphenols and antiradical activity. <i>Horticultura Brasileira</i> , 2018, 36, 313-319.	0.5	4
51	Effects of conservation agriculture practices on soil quality indicators: a case-study in a wheat-based cropping systems of Mediterranean areas. <i>Soil Science and Plant Nutrition</i> , 2020, 66, 624-635.	1.9	4
52	Agronomical aspects of officinal plant cultivation. <i>Phytotherapy Research</i> , 1998, 12, S131-S134.	5.8	3
53	Agronomy of Durum Wheat Production 1 1Cynthia Grant is an employee of Agriculture and Agri-Food Canada. A©Her Majesty the Queen in Right of Canada, as represented by the Minister of Agriculture and Agri-Food Canada.. , 2012, , 37-55.		3
54	Sustainable Crop Production Intensification. <i>AIMS Agriculture and Food</i> , 2017, 2, 40-42.	1.6	0

#	ARTICLE	IF	CITATIONS
55	Soil management practices and benefits in Conservation Agriculture systems. Burleigh Dodds Series in Agricultural Science, 2020, , 75-104.	0.2	0