

Michele Pisante

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

54
papers

1,923
citations

19
h-index

43
g-index

57
ext. papers

2,301
ext. citations

3.3
avg, IF

4.82
L-index

#	Paper	IF	Citations
54	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	3.6	2
53	Design Study of a Novel Positron Emission Tomography System for Plant Imaging.. <i>Frontiers in Plant Science</i> , 2021 , 12, 736221	6.2	0
52	Factors Involved on Tiger-Stripe Foliar Symptom Expression of Esca of Grapevine. <i>Plants</i> , 2021 , 10,	4.5	3
51	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	6
50	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 ^{1,6}	1.6	1
49	Open field inoculation with PGPR as a strategy to manage fertilization of ancient Triticum genotypes. <i>Biology and Fertility of Soils</i> , 2020 , 56, 111-124	6.1	19
48	Past and Future of Plant Stress Detection: An Overview From Remote Sensing to Positron Emission Tomography. <i>Frontiers in Plant Science</i> , 2020 , 11, 609155	6.2	14
47	Yield, Quality and Physiological Traits of Red Beet Under Different Magnesium Nutrition and Light Intensity Levels. <i>Agronomy</i> , 2019 , 9, 379	3.6	2
46	Sustainable Soil Management 2019 , 105-131		1
45	Innovations in Sustainable Agriculture 2019 ,		4
44	Effect of Soil Tillage and Crop Sequence on Grain Yield and Quality of Durum Wheat in Mediterranean Areas. <i>Agronomy</i> , 2019 , 9, 488	3.6	20
43	Sustainable Agriculture and Food Security 2019 , 3-24		4
42	Responses of radish (<i>Raphanus sativus</i>) to drought stress. <i>Annals of Applied Biology</i> , 2018 , 172, 170-186	2.6	11
41	Light quantity and quality supplies sharply affect growth, morphological, physiological and quality traits of basil. <i>Industrial Crops and Products</i> , 2018 , 122, 277-289	5.9	23
40	Plant growth-promoting rhizobacteria (PGPR) in Cannabis sativa Binola cultivation: An alternative fertilization strategy to improve plant growth and quality characteristics. <i>Industrial Crops and Products</i> , 2018 , 123, 75-83	5.9	62
39	Defoliation and S nutrition on radish: growth, polyphenols and antiradical activity. <i>Horticultura Brasileira</i> , 2018 , 36, 313-319	0.9	2
38	Durum Wheat Quality, Yield and Sanitary Status under Conservation Agriculture. <i>Agriculture (Switzerland)</i> , 2018 , 8, 140	3	15

37	Multiple benefits of legumes for agriculture sustainability: an overview. <i>Chemical and Biological Technologies in Agriculture</i> , 2017 , 4,	4.4	292
36	Management of crop residues to improve quality traits of tomato (<i>Solanum lycopersicum</i> L.) fruits. <i>Italian Journal of Agronomy</i> , 2017 , 12,	1.4	3
35	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 ,	1.4	15
34	Leaf traits as indicators of limiting growing conditions for lettuce (<i>Lactuca sativa</i>). <i>Annals of Applied Biology</i> , 2016 , 169, 342-356	2.6	9
33	Proteomics of Durum Wheat Grain during Transition to Conservation Agriculture. <i>PLoS ONE</i> , 2016 , 11, e0156007	3.7	16
32	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, 2715-22	4.3	11
31	Drought stress effects on crop quality 2016 , 375-392		15
30	Effects of nutrient deficiency and abiotic environmental stresses on yield, phenolic compounds and antiradical activity in lettuce (<i>Lactuca sativa</i> L.). <i>Scientia Horticulturae</i> , 2015 , 187, 93-101	4.1	65
29	Conservation Agriculture and Climate Change 2015 , 579-620		6
28	Phenolic compounds in grains, sprouts and wheatgrass of hulled and non-hulled wheat species. <i>Journal of the Science of Food and Agriculture</i> , 2015 , 95, 1795-803	4.3	69
27	Nitrogen fertilisation of durum wheat: a case study in Mediterranean area during transition to conservation agriculture. <i>Italian Journal of Agronomy</i> , 2015 , 10, 12	1.4	18
26	Shading and nitrogen management affect quality, safety and yield of greenhouse-grown leaf lettuce. <i>Scientia Horticulturae</i> , 2015 , 192, 70-79	4.1	47
25	Effects of straw mulch on growth and yield of durum wheat during transition to Conservation Agriculture in Mediterranean environment. <i>Field Crops Research</i> , 2014 , 167, 51-63	5.5	56
24	Water stress effects on growth, yield and quality traits of red beet. <i>Scientia Horticulturae</i> , 2014 , 165, 13-22	4.1	41
23	Effect of Light and Water Supply on Morphological and Physiological Leaf Traits of Red Beet. <i>Agronomy Journal</i> , 2014 , 106, 459-468	2.2	8
22	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	5.7	22
21	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, 713-20	4.3	20
20	Durum wheat varieties in N-deficient environments and organic farming: a comparison of yield, quality and stability performances. <i>Plant Breeding</i> , 2013 , 132, 266-275	2.4	28

19	 Slow release and conventional N fertilizers for nutrition of bell pepper. <i>Plant, Soil and Environment</i> , 2012 , 58, 268-274	2.2	9
18	Agronomy of Durum Wheat Production 2012 , 37-55		1
17	Agricultural innovations for sustainable crop production intensification. <i>Italian Journal of Agronomy</i> , 2012 , 7, 40	1.4	16
16	The critical period for weed competition in French bean (<i>Phaseolus vulgaris</i> L.) in Mediterranean areas. <i>Crop Protection</i> , 2011 , 30, 179-184	2.7	19
15	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	2.2	17
14	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	4.1	18
13	The Challenge of Agricultural Sustainability for Asia and Europe. <i>Transition Studies Review</i> , 2010 , 17, 662-667		7
12	Cadmium concentration in durum wheat grain (<i>Triticum turgidum</i>) as influenced by nitrogen rate, seeding date and soil type. <i>Journal of the Science of Food and Agriculture</i> , 2010 , 90, 813-22	4.3	45
11	Climate change and food safety: an emerging issue with special focus on Europe. <i>Food and Chemical Toxicology</i> , 2009 , 47, 1009-21	4.7	348
10	Response of French Bean (<i>Phaseolus vulgaris</i> L.) Cultivars to Foliar Applications of Magnesium. <i>Italian Journal of Agronomy</i> , 2009 , 4, 101	1.4	3
9	Criteria for Selecting Optimal Nitrogen Fertilizer Rates for Precision Agriculture. <i>Italian Journal of Agronomy</i> , 2009 , 4, 147	1.4	13
8	Conservation Agriculture: A Different Approach for Crop Production Through Sustainable Soil and Water Management: A Review. <i>Sustainable Agriculture Reviews</i> , 2009 , 55-83	1.3	13
7	Agronomic and kernel quality of ancient wheats grown in central and Southern Italy. <i>Cereal Research Communications</i> , 2008 , 36, 313-326	1.1	17
6	No-tillage and conventional tillage effects on durum wheat yield, grain quality and soil moisture content in southern Italy. <i>Soil and Tillage Research</i> , 2007 , 92, 69-78	6.5	242
5	Effects of N fertilizers and rates on yield, safety and nutrients in processing spinach genotypes. <i>Scientia Horticulturae</i> , 2007 , 114, 225-233	4.1	41
4	Influence of fluorinated surfactants on the efficacy of some post-emergence sulfonylurea herbicides. <i>Journal of Pesticide Sciences</i> , 2007 , 32, 16-23	2.7	6
3	Estimating within-field variation using a nonparametric density algorithm. <i>Environmetrics</i> , 2006 , 17, 465-481		7
2	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). <i>Catena</i> , 2000 , 40, 19-35	5.8	168

1 Agronomical aspects of officinal plant cultivation. *Phytotherapy Research*, **1998**, 12, S131-S134

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