

Michele Pisante

List of Publications by Citations

Source: <https://exaly.com/author-pdf/407393/michele-pisante-publications-by-citations.pdf>

Version: 2024-04-27

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
53	Multiple benefits of legumes for agriculture sustainability: an overview. <i>Chemical and Biological Technologies in Agriculture</i> , 2017 , 4,	4.4	292
52	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
51	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
50	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
49	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
48	Plant growth-promoting rhizobacteria (PGPR) in <i>Cannabis sativa</i> 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
47	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
46	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
45	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
44	Water stress effects on growth, yield and quality traits of red beet. <i>Scientia Horticulturae</i> , 2014 , 165, 13-22	4.1	41
43	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
42	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
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	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
39	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
38	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

37	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
36	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
35	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
34	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
33	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
32	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
31	Agricultural innovations for sustainable crop production intensification. <i>Italian Journal of Agronomy</i> , 2012 , 7, 40	1.4	16
30	Proteomics of Durum Wheat Grain during Transition to Conservation Agriculture. <i>PLoS ONE</i> , 2016 , 11, e0156007	3.7	16
29	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
28	Drought stress effects on crop quality 2016 , 375-392		15
27	Durum Wheat Quality, Yield and Sanitary Status under Conservation Agriculture. <i>Agriculture (Switzerland)</i> , 2018 , 8, 140	3	15
26	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
25	Criteria for Selecting Optimal Nitrogen Fertilizer Rates for Precision Agriculture. <i>Italian Journal of Agronomy</i> , 2009 , 4, 147	1.4	13
24	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
23	Responses of radish (<i>Raphanus sativus</i>) to drought stress. <i>Annals of Applied Biology</i> , 2018 , 172, 170-186	2.6	11
22	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
21	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
20	 Slow release and conventional N fertilizers for nutrition of bell pepper. <i>Plant, Soil and Environment</i> , 2012 , 58, 268-274	2.2	9

19	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
18	The Challenge of Agricultural Sustainability for Asia and Europe. <i>Transition Studies Review</i> , 2010 , 17, 662-667		7
17	Estimating within-field variation using a nonparametric density algorithm. <i>Environmetrics</i> , 2006 , 17, 465-481		7
16	Conservation Agriculture and Climate Change 2015 , 579-620		6
15	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
14	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
13	Innovations in Sustainable Agriculture 2019 ,		4
12	Sustainable Agriculture and Food Security 2019 , 3-24		4
11	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
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	Factors Involved on Tiger-Stripe Foliar Symptom Expression of Esca of Grapevine. <i>Plants</i> , 2021 , 10,	4.5	3
8	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
7	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
6	Defoliation and S nutrition on radish: growth, polyphenols and antiradical activity. <i>Horticultura Brasileira</i> , 2018 , 36, 313-319	0.9	2
5	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
4	Sustainable Soil Management 2019 , 105-131		1
3	Agronomy of Durum Wheat Production 2012 , 37-55		1
2	Agronomical aspects of officinal plant cultivation. <i>Phytotherapy Research</i> , 1998 , 12, S131-S134	6.7	1

- 1 Design Study of a Novel Positron Emission Tomography System for Plant Imaging.. *Frontiers in Plant Science*, **2021**, 12, 736221 6.2 o