Michele Pisante

List of Publications by Year
in descending order

55 papers	2,789 citations	304602 22 h-index	206029 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, .	1.9	502
2	Climate change and food safety: An emerging issue with special focus on Europe. Food and Chemical Toxicology, 2009, 47, 1009-1021.	1.8	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.	2.6	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.	2.2	205
5	Plant growth-promoting rhizobacteria (PGPR) in Cannabis sativa â€˜Finolaâ€™ cultivation: An alternative fertilization strategy to improve plant growth and quality characteristics. Industrial Crops and Products, 2018, 123, 75-83.	2.5	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.	1.7	87
7	Phenolic compounds in grains, sprouts and wheatgrass of hulled and nonâ€hulled wheat species. Journal of the Science of Food and Agriculture, 2015, 95, 1795-1803.	1.7	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.	2.3	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.	1.7	69
10	Shading and nitrogen management affect quality, safety and yield of greenhouse-grown leaf lettuce. Scientia Horticulturae, 2015, 192, 70-79.	1.7	62
11	Effects of N fertilizers and rates on yield, safety and nutrients in processing spinach genotypes. Scientia Horticulturae, 2007, 114, 225-233.	1.7	56
12	Cadmium concentration in durum wheat grain (Triticum turgidum) as influenced by nitrogen rate, seeding date and soil type. Journal of the Science of Food and Agriculture, 2010, 90, 813-822.	1.7	50
13	Water stress effects on growth, yield and quality traits of red beet. Scientia Horticulturae, 2014, 165, 13-22.	1.7	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.	2.5	40
15	Durum wheat varieties in Nâ€deficient environments and organic farming: a comparison of yield, quality and stability performances. Plant Breeding, 2013, 132, 266-275.	1.0	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.	2.3	38
17	The critical period for weed competition in French bean (Phaseolus vulgaris L.) in Mediterranean areas. Crop Protection, 2011, 30, 179-184.	1.0	33
18	Effect of Soil Tillage and Crop Sequence on Grain Yield and Quality of Durum Wheat in Mediterranean Areas. Agronomy, 2019, 9, 488.	1.3	27

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19	Responses of radish (<scp>Raphanus sativus</scp>) to drought stress. Annals of Applied Biology, 2018, 172, 170-186.	1.3	26
20	Managing faba bean residues to enhance the fruit quality of the melon (Cucumis melo L.) crop. Scientia Horticulturae, 2010, 126, 317-323.	1.7	25
21	Long-term impact of farm management and crops on soil microorganisms assessed by combined DGGE and PLFA analyses. Frontiers in Microbiology, 2014, 5, 644.	1.5	24
22	Conservation Agriculture: A Different Approach for Crop Production Through Sustainable Soil and Water Management: A Review. Sustainable Agriculture Reviews, 2009, , 55-83.	0.6	24
23	Agronomic and kernel quality of ancient wheats grown in central and Southern Italy. Cereal Research Communications, 2008, 36, 313-326.	0.8	23
24	Application of photoâ€selective films to manipulate wavelength of transmitted radiation and photosynthate composition in red beet (Beta vulgaris var. conditiva Alef.). Journal of the Science of Food and Agriculture, 2014, 94, 713-720.	1.7	23
25	Nitrogen fertilisation of durum wheat: a case study in Mediterranean area during transition to conservation agriculture. Italian Journal of Agronomy, 2016, 11, 12-23.	0.4	23
26	Innovations in Sustainable Agriculture. , 2019, , .		22
27	Influence of phosphorus management on melon (Cucumis meloL.) fruit quality. Journal of the Science of Food and Agriculture, 2016, 96, 2715-2722.	1.7	21
28	Conservation Agriculture and Climate Change. , 2015, , 579-620.		20
29	Durum Wheat Quality, Yield and Sanitary Status under Conservation Agriculture. Agriculture (Switzerland), 2018, 8, 140.	1.4	20
30	Effects of sprouting and salt stress on polyphenol composition and antiradical activity of einkorn, emmer and durum wheat. Italian Journal of Agronomy, 2017, , .	0.4	19
31	A Multivariate Clustering Approach for Characterization of the Montepulciano dâ€™Abruzzo Colline Teramane Area. American Journal of Enology and Viticulture, 2011, 62, 239-244.	0.9	18
32	Criteria for Selecting Optimal Nitrogen Fertilizer Rates for Precision Agriculture. Italian Journal of Agronomy, 2009, 4, 147.	0.4	17
33	Proteomics of Durum Wheat Grain during Transition to Conservation Agriculture. PLoS ONE, 2016, 11, e0156007.	1.1	17
34	Agricultural innovations for sustainable crop production intensification. Italian Journal of Agronomy, 2012, 7, 40.	0.4	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. Agronomy, 2022, 12, 281.	1.3	14
36	Leaf traits as indicators of limiting growing conditions for lettuce (Lactuca sativa). Annals of Applied Biology, 2016, 169, 342-356.	1.3	12

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37	Slow release and conventional N fertilizers for nutrition of bell pepper. Plant, Soil and Environment, 2012, 58, 268-274.	1.0	11
38	Durum Wheat Yield and Grain Quality in Early Transition from Conventional to Conservation Tillage in Semi-Arid Mediterranean Conditions. Agriculture (Switzerland), 2021, 11, 711.	1.4	10
39	Influence of fluorinated surfactants on the efficacy of some post-emergence sulfonylurea herbicides. Journal of Pesticide Sciences, 2007, 32, 16-23.	0.8	10
40	Response of French Bean (Phaseolus vulgaris L.) Cultivars to Foliar Applications of Magnesium. Italian Journal of Agronomy, 2009, 4, 101.	0.4	9
41	Effect of Light and Water Supply on Morphological and Physiological Leaf Traits of Red Beet. Agronomy Journal, 2014, 106, 459-468.	0.9	9
42	The Challenge of Agricultural Sustainability for Asia and Europe. Transition Studies Review, 2010, 17, 662-667.	0.4	8
43	Factors Involved on Tiger-Stripe Foliar Symptom Expression of Esca of Grapevine. Plants, 2021, 10, 1041.	1.6	8
44	Sustainable Agriculture and Food Security. , 2019, , 3-24.		8
45	Estimating within-field variation using a nonparametric density algorithm. Environmetrics, 2006, 17, 465-481.	0.6	7
46	Yield, Quality and Physiological Traits of Red Beet Under Different Magnesium Nutrition and Light Intensity Levels. Agronomy, 2019, 9, 379.	1.3	6
47	Management of crop residues to improve quality traits of tomato (Solanum lycopersicum L.) fruits. Italian Journal of Agronomy, 2017, 12, .	0.4	5
48	Sustainable Soil Management. , 2019, , 105-131.		5
49	Design Study of a Novel Positron Emission Tomography System for Plant Imaging. Frontiers in Plant Science, 2021, 12, 736221.	1.7	5
50	Defoliation and S nutrition on radish: growth, polyphenols and antiradical activity. Horticultura Brasileira, 2018, 36, 313-319.	0.1	4
51	Effects of conservation agriculture practices on soil quality indicators: a case-study in a wheat-based cropping systems of Mediterranean areas. Soil Science and Plant Nutrition, 2020, 66, 624-635.	0.8	4
52	Agronomical aspects of officinal plant cultivation. Phytotherapy Research, 1998, 12, S131-S134.	2.8	3
53	Agronomy of Durum Wheat Production 1 1Cynthia Grant is an employee of Agriculture and Agri-Food Canada. Â©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. AIMS Agriculture and Food, 2017, 2, 40-42.	0.8	0

#	Article	IF	Citations
55	Soil management practices and benefits in Conservation Agriculture systems. Burleigh Dodds Series in Agricultural Science, 2020, , 75-104.	0.1	0