

Antonio Troccoli

List of Publications by Citations

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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.

29
papers

1,080
citations

15
h-index

30
g-index

30
ext. papers

1,193
ext. citations

3.3
avg. IF

3.74
L-index

#	Paper	IF	Citations
29	Mini Review: Durum Wheat Quality: A Multidisciplinary Concept. <i>Journal of Cereal Science</i> , 2000 , 32, 99-113	3.3	181
28	Durum Wheat Lipoxygenase Activity and Other Quality Parameters that Affect Pasta Color. <i>Cereal Chemistry</i> , 1999 , 76, 335-340	2.4	113
27	Water and salt stress-induced alterations in proline metabolism of Triticum durum seedlings. <i>Physiologia Plantarum</i> , 1997 , 101, 787-792	4.6	98
26	Long-term wheat response to nitrogen in a rainfed Mediterranean environment: Field data and simulation analysis. <i>European Journal of Agronomy</i> , 2010 , 33, 132-138	5	82
25	Detection of grain protein content QTLs across environments in tetraploid wheats. <i>Plant Molecular Biology</i> , 2002 , 48, 615-23	4.6	79
24	Effects of genotype, location and baking on the phenolic content and some antioxidant properties of cereal species. <i>International Journal of Food Science and Technology</i> , 2009 , 45, 7-16	3.8	74
23	A comparison of different algorithms for the delineation of management zones. <i>Precision Agriculture</i> , 2010 , 11, 600-620	5.6	68
22	Distribution along durum wheat kernel of the components involved in semolina colour. <i>Journal of Cereal Science</i> , 2008 , 48, 494-502	3.8	62
21	Spatial and temporal variability of wheat grain yield and quality in a Mediterranean environment: A multivariate geostatistical approach. <i>Field Crops Research</i> , 2012 , 131, 49-62	5.5	54
20	Appropriate seeding rate for einkorn, emmer, and spelt grown under rainfed condition in southern Italy. <i>European Journal of Agronomy</i> , 2005 , 22, 293-300	5	52
19	Genetic mapping of sedimentation volume across environments using recombinant inbred lines of durum wheat. <i>Plant Breeding</i> , 1998 , 117, 413-417	2.4	37
18	Geographical origin of durum wheat studied by 1H-NMR profiling. <i>Magnetic Resonance in Chemistry</i> , 2011 , 49, 1-5	2.1	36
17	Relationship Between Kernel Size Features and Test Weight in Triticum durum. <i>Cereal Chemistry</i> , 1999 , 76, 45-49	2.4	27
16	Selecting optimal hyperspectral bands to discriminate nitrogen status in durum wheat: a comparison of statistical approaches. <i>Environmental Monitoring and Assessment</i> , 2016 , 188, 199	3.1	23
15	Is it appropriate to support the farmers for adopting conservation agriculture? Economic and environmental impact assessment. <i>Italian Journal of Agronomy</i> , 2015 , 10, 169	1.4	19
14	Combined approach based on principal component analysis and canonical discriminant analysis for investigating hyperspectral plant response. <i>Italian Journal of Agronomy</i> , 2012 , 7, 34	1.4	14
13	Anthocyanin profile and antioxidant capacity in coloured barley. <i>International Journal of Food Science and Technology</i> , 2019 , 54, 2478-2486	3.8	12

12	An approach for assessing the effects of site-specific fertilization on crop growth and yield of durum wheat in organic agriculture. <i>Precision Agriculture</i> , 2014 , 15, 479-498	5.6	12
11	Agronomical Performance Among Farro Species and Durum Wheat in a Drought-Flat Land Environment of Southern Italy. <i>Journal of Agronomy and Crop Science</i> , 1997 , 178, 211-217	3.9	8
10	Performance of Selected Strains of Barro (Triticum monococcum L., Triticum dicoccon Schöbler, Triticum Spelta L.) and Durum Wheat (Triticum Durum Desf. cv. Trinakria) in the Difficult Flat Environment of Southern Italy. <i>Journal of Agronomy and Crop Science</i> , 1996 , 176, 15-21	3.9	7
9	Carotenoids and tocopherols content in genotypes of colored barley. <i>Journal of Cereal Science</i> , 2020 , 96, 1031-1038	3.8	6
8	Future climate change in the Mediterranean area: implications for water use and weed management. <i>Italian Journal of Agronomy</i> , 2012 , 7, 7	1.4	5
7	Detection of Quantitative Trait Loci for Grain Yield and Yield Components Across Environments in Durum Wheat. <i>Cereal Research Communications</i> , 2001 , 29, 237-244	1.1	5
6	Do Crop Rotations Improve the Adaptation of Agricultural Systems to Climate Change? A Modeling Approach to Predict the Effect of Durum Wheat-Based Rotations on Soil Organic Carbon and Nitrogen 2018 , 221-236		2
5	Similarity Patterns and Stability of Environmental Response in Sunflower Hybrids. <i>International Journal of Agronomy</i> , 2010 , 2010, 1-9	1.9	2
4	Effectiveness of the GAEC standard of cross compliance Crop rotations in maintaining organic matter levels in soils. <i>Italian Journal of Agronomy</i> , 2011 , 6, 8	1.4	1
3	Zero-Tillage Effects on Durum Wheat Productivity and Soil-Related Variables in Future Climate Scenarios: A Modeling Analysis. <i>Agronomy</i> , 2022 , 12, 331	3.6	0
2	Water Stress on Proline Content and Enzyme Activities in Triticum Durum Desf. Seedlings. <i>Giornale Botanico Italiano (Florence, Italy: 1962)</i> , 1995 , 129, 1120-1121		
1	High Performance Index as a tool to identify the best combination of pearled fractions and durum wheat genotypes for semolina and pasta colour improvement. <i>International Journal of Food Science and Technology</i> , 2021 , 56, 4799-4806	3.8	