

Dario Giambalvo

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

988
citations

430874

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h-index

454955

30
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30
all docs

30
docs citations

30
times ranked

1293
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil inoculation with symbiotic microorganisms promotes plant growth and nutrient transporter genes expression in durum wheat. <i>Frontiers in Plant Science</i> , 2015, 6, 815.	3.6	118
2	Impacts of arbuscular mycorrhizal fungi on nutrient uptake, N ₂ fixation, N transfer, and growth in a wheat/faba bean intercropping system. <i>PLoS ONE</i> , 2019, 14, e0213672.	2.5	74
3	Influence of Arbuscular Mycorrhizae on Biomass Production and Nitrogen Fixation of Berseem Clover Plants Subjected to Water Stress. <i>PLoS ONE</i> , 2014, 9, e90738.	2.5	65
4	Arbuscular mycorrhizal symbiosis mitigates the negative effects of salinity on durum wheat. <i>PLoS ONE</i> , 2017, 12, e0184158.	2.5	62
5	Nitrogen Use Efficiency and Nitrogen Fertilizer Recovery of Durum Wheat Genotypes as Affected by Interspecific Competition. <i>Agronomy Journal</i> , 2010, 102, 707-715.	1.8	58
6	Long-Term Tillage and Crop Sequence Effects on Wheat Grain Yield and Quality. <i>Agronomy Journal</i> , 2013, 105, 1317-1327.	1.8	57
7	Long-term effects of no tillage treatment on soil N availability, N uptake, and 15 N-fertilizer recovery of durum wheat differ in relation to crop sequence. <i>Field Crops Research</i> , 2016, 189, 51-58.	5.1	51
8	Long-term no-tillage application increases soil organic carbon, nitrous oxide emissions and faba bean (<i>Vicia faba</i> L.) yields under rain-fed Mediterranean conditions. <i>Science of the Total Environment</i> , 2018, 639, 350-359.	8.0	47
9	Conservation tillage in a semiarid Mediterranean environment: results of 20 years of research. <i>Italian Journal of Agronomy</i> , 2014, 9, 1.	1.0	42
10	Nitrogen uptake and nitrogen fertilizer recovery in old and modern wheat genotypes grown in the presence or absence of interspecific competition. <i>Frontiers in Plant Science</i> , 2015, 6, 185.	3.6	42
11	Faba bean grain yield, N ₂ fixation, and weed infestation in a long-term tillage experiment under rainfed Mediterranean conditions. <i>Plant and Soil</i> , 2012, 360, 215-227.	3.7	41
12	Tillage Effects on Yield and Nitrogen Fixation of Legumes in Mediterranean Conditions. <i>Agronomy Journal</i> , 2012, 104, 1459-1466.	1.8	35
13	Long-term effects of contrasting tillage on soil organic carbon, nitrous oxide and ammonia emissions in a Mediterranean Vertisol under different crop sequences. <i>Science of the Total Environment</i> , 2018, 619-620, 18-27.	8.0	32
14	Influence of grain quality, semolinas and baker's yeast on bread made from old landraces and modern genotypes of Sicilian durum wheat. <i>Food Research International</i> , 2021, 140, 110029.	6.2	30
15	Forage production, N uptake, N ₂ fixation, and N recovery of berseem clover grown in pure stand and in mixture with annual ryegrass under different managements. <i>Plant and Soil</i> , 2011, 342, 379-391.	3.7	28
16	The Critical Period of Weed Control in Faba Bean and Chickpea in Mediterranean Areas. <i>Weed Science</i> , 2013, 61, 452-459.	1.5	26
17	Effect of legume grains as a source of dietary protein on the quality of organic lamb meat. <i>Journal of the Science of Food and Agriculture</i> , 2012, 92, 2870-2875.	3.5	25
18	Mediterranean forage legumes grown alone or in mixture with annual ryegrass: biomass production, N ₂ fixation, and indices of intercrop efficiency. <i>Plant and Soil</i> , 2016, 402, 395-407.	3.7	25

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19	Nitrogen Type and Availability Drive Mycorrhizal Effects on Wheat Performance, Nitrogen Uptake and Recovery, and Production Sustainability. <i>Frontiers in Plant Science</i> , 2020, 11, 760.	3.6	23
20	Switching from conventional tillage to no-tillage: Soil N availability, N uptake, 15N fertilizer recovery, and grain yield of durum wheat. <i>Field Crops Research</i> , 2018, 218, 171-181.	5.1	17
21	Effects of Stubble Height and Cutting Frequency on Regrowth of Berseem Clover in a Mediterranean Semiarid Environment. <i>Crop Science</i> , 2011, 51, 1808-1814.	1.8	15
22	Agro-ecological benefits of faba bean for rainfed Mediterranean cropping systems. <i>Italian Journal of Agronomy</i> , 2017, 12, .	1.0	15
23	Effects of continuous and rotational grazing of different forage species on ewe milk production. <i>Small Ruminant Research</i> , 2012, 106, S29-S36.	1.2	12
24	Long-term effects of contrasting tillage systems on soil C and N pools and on main microbial groups differ by crop sequence. <i>Soil and Tillage Research</i> , 2021, 211, 104995.	5.6	11
25	Sulla (<i>Hedysarum coronarium</i> L.) as Potential Feedstock for Biofuel and Protein. <i>Bioenergy Research</i> , 2016, 9, 711-719.	3.9	10
26	Morphological and Physiological Root Traits and Their Relationship with Nitrogen Uptake in Wheat Varieties Released from 1915 to 2013. <i>Agronomy</i> , 2021, 11, 1149.	3.0	10
27	Mycorrhizae differentially influence the transfer of nitrogen among associated plants and their competitive relationships. <i>Applied Soil Ecology</i> , 2021, 168, 104127.	4.3	8
28	Addition of high C:N crop residues to a P-limited substrate constrains the benefits of arbuscular mycorrhizal symbiosis for wheat P and N nutrition. <i>Mycorrhiza</i> , 2021, 31, 441-454.	2.8	4
29	Early sowing can boost grain production by reducing weed infestation in organic no-till wheat. <i>Journal of the Science of Food and Agriculture</i> , 2022, 102, 6246-6254.	3.5	3
30	Cut and Post-Cut Herbage Management Affects Berseem Clover Seed Yield. <i>Agronomy Journal</i> , 2013, 105, 1222-1230.	1.8	2