

Francesco Montemurro

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.

81
papers

2,453
citations

24
h-index

48
g-index

85
ext. papers

2,818
ext. citations

3.2
avg, IF

5.46
L-index

#	Paper	IF	Citations
81	Long-term effects of organic amendments on soil fertility. A review. <i>Agronomy for Sustainable Development</i> , 2010 , 30, 401-422	6.8	729
80	Precision nitrogen management of wheat. A review. <i>Agronomy for Sustainable Development</i> , 2013 , 33, 219-241	6.8	188
79	Effectiveness of compost use in salt-affected soil. <i>Journal of Hazardous Materials</i> , 2009 , 171, 29-37	12.8	158
78	Nitrogen indicators, uptake and utilization efficiency in a maize and barley rotation cropped at different levels and sources of N fertilization. <i>Field Crops Research</i> , 2006 , 99, 114-124	5.5	70
77	Effectiveness of Organic Wastes as Fertilizers and Amendments in Salt-Affected Soils. <i>Agriculture (Switzerland)</i> , 2015 , 5, 221-230	3	68
76	Application of municipal solid waste compost reduces the negative effects of saline water in <i>Hordeum maritimum</i> L. <i>Bioresource Technology</i> , 2008 , 99, 7160-7	11	64
75	Mill wastewater and olive pomace compost as amendments for rye-grass. <i>Agronomy for Sustainable Development</i> , 2004 , 24, 481-486		57
74	Recycling Agricultural Wastes and By-products in Organic Farming: Biofertilizer Production, Yield Performance and Carbon Footprint Analysis. <i>Sustainability</i> , 2019 , 11, 3824	3.6	56
73	Conservation tillage strategy based on the roller crimper technology for weed control in Mediterranean vegetable organic cropping systems. <i>European Journal of Agronomy</i> , 2013 , 50, 11-18	5	54
72	Compost Organic Amendments in Fodder Crops: Effects on Yield, Nitrogen Utilization and Soil Characteristics. <i>Compost Science and Utilization</i> , 2006 , 14, 114-123	1.2	52
71	Long-Term Effects of Organic Amendments on Soil Fertility 2011 , 761-786		49
70	Different Nitrogen Fertilization Sources, Soil Tillage, and Crop Rotations in Winter Wheat: Effect on Yield, Quality, and Nitrogen Utilization. <i>Journal of Plant Nutrition</i> , 2009 , 32, 1-18	2.3	49
69	A species-specific critical nitrogen dilution curve for sunflower (<i>Helianthus annuus</i> L.). <i>Field Crops Research</i> , 2012 , 136, 76-84	5.5	39
68	Organic Fertilization, Green Manure, and Vetch Mulch to Improve Organic Zucchini Yield and Quality. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , 2013 , 48, 1027-1033	2.4	36
67	Biodegradation of olive husk mixed with other agricultural wastes. <i>Bioresource Technology</i> , 2009 , 100, 2969-74	11	35
66	MSW Compost Application on Tomato Crops in Mediterranean Conditions: Effects on Agronomic Performance and Nitrogen Utilization. <i>Compost Science and Utilization</i> , 2005 , 13, 234-242	1.2	34
65	Organic No-Till with Roller Crimpers: Agro-ecosystem Services and Applications in Organic Mediterranean Vegetable Productions. <i>Sustainable Agriculture Research</i> , 2015 , 4, 70	1	33

64	Anaerobic Digestate and On-Farm Compost Application: Effects on Lettuce (<i>Lactuca sativa</i> L.) Crop Production and Soil Properties. <i>Compost Science and Utilization</i> , 2010 , 18, 184-193	1.2	32
63	Agro-Ecology for Potential Adaptation of Horticultural Systems to Climate Change: Agronomic and Energetic Performance Evaluation. <i>Agronomy</i> , 2017 , 7, 35	3.6	27
62	Suitability of different organic amendments from agro-industrial wastes in organic lettuce crops. <i>Nutrient Cycling in Agroecosystems</i> , 2015 , 102, 243-252	3.3	26
61	Legume cover crop management and organic amendments application: Effects on organic zucchini performance and weed competition. <i>Scientia Horticulturae</i> , 2015 , 185, 48-58	4.1	26
60	Organic amendment and minimum tillage in winter wheat grown in Mediterranean conditions: Effects on yield performance, soil fertility and environmental impact. <i>European Journal of Agronomy</i> , 2016 , 75, 149-157	5	25
59	Nitrogen Application in Winter Wheat Grown in Mediterranean Conditions: Effects on Nitrogen Uptake, Utilization Efficiency, and Soil Nitrogen Deficit. <i>Journal of Plant Nutrition</i> , 2007 , 30, 1681-1703	2.3	25
58	Combined agro-ecological strategies for adaptation of organic horticultural systems to climate change in Mediterranean environment. <i>Italian Journal of Agronomy</i> , 2016 , 11, 85	1.4	25
57	Quality and Nitrogen Use Efficiency of Sunflower Grown at Different Nitrogen Levels Under Mediterranean Conditions. <i>Journal of Plant Nutrition</i> , 2005 , 28, 335-350	2.3	23
56	Potential Use of Olive Mill Wastewater as Amendment: Crops Yield and Soil Properties Assessment. <i>Communications in Soil Science and Plant Analysis</i> , 2011 , 42, 2594-2603	1.5	20
55	Alternative sugar beet production using shallow tillage and municipal solid waste fertiliser. <i>Agronomy for Sustainable Development</i> , 2007 , 27, 129-137	6.8	20
54	Effects of urease and nitrification inhibitors application on urea fate in soil and nitrate accumulation in lettuce. <i>Journal of Plant Nutrition</i> , 1998 , 21, 245-252	2.3	19
53	Improvement of soil properties and nitrogen utilisation of sunflower by amending municipal solid waste compost. <i>Agronomy for Sustainable Development</i> , 2005 , 25, 369-375	6.8	18
52	Agronomic performance, energy analysis, and carbon balance comparing different fertilization strategies in horticulture under Mediterranean conditions. <i>Environmental Science and Pollution Research</i> , 2019 , 26, 19250-19260	5.1	17
51	Effect of roller-crimper technology on weed management in organic zucchini production in a Mediterranean climate zone. <i>Renewable Agriculture and Food Systems</i> , 2016 , 31, 111-121	1.8	16
50	Agronomic performance and sustainability indicators in organic tomato combining different agro-ecological practices. <i>Nutrient Cycling in Agroecosystems</i> , 2018 , 112, 101-117	3.3	16
49	ARE ORGANIC N FERTILIZING STRATEGIES ABLE TO IMPROVE LETTUCE YIELD, USE OF NITROGEN AND N STATUS?. <i>Journal of Plant Nutrition</i> , 2010 , 33, 1980-1997	2.3	16
48	Effect of Municipal Solid Waste Compost and Farmyard Manure Application on Heavy-Metal Uptake in Wheat. <i>Communications in Soil Science and Plant Analysis</i> , 2009 , 40, 3524-3538	1.5	16
47	Multi-Parental Advances Generation Inter-Cross Population, to Develop Organic Tomato Genotypes by Participatory Plant Breeding. <i>Agronomy</i> , 2019 , 9, 119	3.6	15

46	Alternative strategies for nitrogen fertilization of overwinter processing spinach (<i>Spinacia oleracea</i> L.) in Southern Italy. <i>European Journal of Agronomy</i> , 2014 , 54, 47-53	5	15
45	Energy flows in European organic vegetable systems: Effects of the introduction and management of agroecological service crops. <i>Energy</i> , 2019 , 188, 116096	7.9	14
44	Effects of irrigation regime and salinity on soil characteristics and yield of tomato. <i>Italian Journal of Agronomy</i> , 2012 , 7, 8	1.4	14
43	Nitrogen Utilization, Yield, Quality and Soil Properties In a Sugarbeet Crop Amended With Municipal Solid Waste Compost. <i>Compost Science and Utilization</i> , 2007 , 15, 84-92	1.2	13
42	Impacts of Agro-Ecological Practices on Soil Losses and Cash Crop Yield. <i>Agriculture (Switzerland)</i> , 2017 , 7, 103	3	12
41	YIELD AND SOIL RESPONSES OF MELON GROWN WITH DIFFERENT ORGANIC FERTILIZERS. <i>Journal of Plant Nutrition</i> , 2013 , 36, 415-428	2.3	11
40	FOUR-YEAR FIELD EXPERIMENT ON NITROGEN APPLICATION TO SUNFLOWER GENOTYPES GROWN IN SEMIARID CONDITIONS / EXPERIMENTO DE CUATRO AÑOS DE DURACIÓN SOBRE LA APLICACIÓN DE NITRÓGENO EN LOS GENOTIPOS DE GIRASOL EN UNA ZONA EN CONDICIONES SEMIARIDAS / QUATRE ANNÉES D'EXPERIMENTATION SUR L'APPLICATION D'AZOTE SUR DES	0.4	11
39	Agronomic performance for biodiesel production potential of <i>Brassica carinata</i> A. Braun in Mediterranean marginal areas. <i>Italian Journal of Agronomy</i> , 2015 , 10, 57	1.4	10
38	Effects of Irrigation Volume and Saline Water On Maize Yield and Soil in Southern Italy. <i>Irrigation and Drainage</i> , 2016 , 65, 243-253	1.1	10
37	Living mulch strategy for organic cauliflower (<i>Brassica oleracea</i> L.) production in central and southern Italy. <i>Italian Journal of Agronomy</i> , 2015 , 10, 90	1.4	9
36	Reduction of agronomic inputs in sunflower (<i>Helianthus annuus</i> L.). <i>Helia</i> , 2005 , 28, 133-146	0.4	9
35	Sustainability Assessment of Organic Vegetable Production Using a Qualitative Multi-Attribute Model. <i>Sustainability</i> , 2018 , 10, 3820	3.6	9
34	Assessment of agro-ecological service crop managements combined with organic fertilisation strategies in organic melon crop. <i>Italian Journal of Agronomy</i> , 2018 , 172-182	1.4	9
33	Effectiveness of living mulch strategies for winter organic cauliflower (<i>Brassica oleracea</i> L. var. botrytis) production in Central and Southern Italy. <i>Renewable Agriculture and Food Systems</i> , 2017 , 32, 263-272	1.8	8
32	Agronomic performance of experimental fertilizers on spinach (<i>Spinacia oleracea</i> L.) in organic farming. <i>Nutrient Cycling in Agroecosystems</i> , 2015 , 102, 227-241	3.3	8
31	Environmental Sustainability Assessment of Horticultural Systems: A Multi-Criteria Evaluation Approach Applied in a Case Study in Mediterranean Conditions. <i>Agronomy</i> , 2018 , 8, 98	3.6	7
30	PREVIOUS CROPS AND ORGANIC FERTILIZERS IN LETTUCE: EFFECTS ON YIELDS AND SOIL PROPERTIES. <i>Journal of Plant Nutrition</i> , 2013 , 36, 1945-1962	2.3	7
29	Compost Use in Agriculture: The Fate of Heavy Metals in Soil and Fodder Crop Plants. <i>Compost Science and Utilization</i> , 2010 , 18, 47-54	1.2	7

28	IS IT POSSIBLE TO REDUCE NITROGEN FERTILIZATION IN PROCESSING SPINACH?. <i>Journal of Plant Nutrition</i> , 2011 , 34, 534-546	2.3	7
27	Minimum tillage and organic fertilization for the sustainable management of Brassica carinata A. (Braun) in the Mediterranean environment. <i>Environmental Science and Pollution Research</i> , 2018 , 25, 33556-33565	5.1	7
26	Olive Pomace Compost in Organic Emmer Crop: Yield, Soil Properties, and Heavy Metals Fate in Plant and Soil. <i>Journal of Soil Science and Plant Nutrition</i> , 2019 , 19, 63-70	3.2	6
25	Cover Crops Affect Performance of Organic Scarlotta Seedless Table Grapes Under Plastic Film Covering in Southern Italy. <i>Agronomy</i> , 2020 , 10, 550	3.6	6
24	Bioassays and application of olive pomace compost on emmer: effects on yield and soil properties in organic farming. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2012 , 1-9	1.1	6
23	Sustainability of agro-ecological practices in organic horticulture: yield, energy-use and carbon footprint. <i>Agroecology and Sustainable Food Systems</i> , 2020 , 44, 726-746	2	6
22	Agroecological practices for organic lettuce: effects on yield, nitrogen status and nitrogen utilisation efficiency. <i>Biological Agriculture and Horticulture</i> , 2020 , 36, 84-95	1.6	6
21	Mapping an Agricultural Field Experiment by Electromagnetic Induction and Ground Penetrating Radar to Improve Soil Water Content Estimation. <i>Agronomy</i> , 2019 , 9, 638	3.6	6
20	Saline water and municipal solid waste compost application on tomato crop: Effects on plant and soil. <i>Journal of Plant Nutrition</i> , 2016 , 39, 491-501	2.3	5
19	Assessing solid waste compost application as a practical approach for salt-affected soil reclamation. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2011 , 61, 284-288	1.1	5
18	Influence of Cover Crop Termination on Ground Dwelling Arthropods in Organic Vegetable Systems. <i>Insects</i> , 2020 , 11,	2.8	5
17	Olive Mill By-Products Management 2012 ,		4
16	Yield and Performance and Soil Properties of Organically Fertilized Fodder Crops. <i>Journal of Plant Nutrition</i> , 2015 , 38, 1558-1572	2.3	3
15	Cover Crop as Living Mulch: Effects on Energy Flows in Mediterranean Organic Cropping Systems. <i>Agronomy</i> , 2020 , 10, 667	3.6	3
14	Effects of irrigation volumes and organic fertilizers on eggplant grown in Mediterranean environment. <i>Acta Agriculturae Scandinavica - Section B Soil and Plant Science</i> , 2014 , 64, 518-528	1.1	3
13	Enhancing multifunctional benefits of living mulch in organic vegetable cropping systems. <i>Renewable Agriculture and Food Systems</i> , 2017 , 32, 197-199	1.8	3
12	Agronomic Practices at Low Environmental Impact for Durum Wheat in Mediterranean Conditions. <i>Journal of Plant Nutrition</i> , 2015 , 38, 624-638	2.3	2
11	Repeated geophysical measurements in dry and wet soil conditions to describe soil water content variability. <i>Scientia Agricola</i> , 2020 , 77,	2.5	2

10	Agronomic and Environmental Performances of On-Farm Compost Production and Application in an Organic Vegetable Rotation. <i>Agronomy</i> , 2021 , 11, 2073	3.6	2
9	On-farm fertilizing materials in organic horticulture: agronomic performance, energy use and GHG emission evaluation. <i>Archives of Agronomy and Soil Science</i> , 2020 , 1-17	2	2
8	Intercropping and rotation with leguminous plants in organic vegetables: crop performance, soil properties and sustainability assessment. <i>Biological Agriculture and Horticulture</i> , 2021 , 37, 141-167	1.6	2
7	Organic Vegetable Crops Managed with Agro-Ecological Practices: Environmental Sustainability Assessment by DEXi-met Decision Support System. <i>Applied Sciences (Switzerland)</i> , 2019 , 9, 4148	2.6	1
6	Suitability of Untreated and Composted Olive Mill By-Products as Amendments in Organic Olive Orchards. <i>Compost Science and Utilization</i> , 2014 , 22, 216-229	1.2	1
5	Short-Term Agronomical Effects of Olive Oil Pomace Composts on <i>Pisum arvense</i> L. and <i>Trifolium subterraneum</i> L. and Impacts on Soil Properties. <i>Communications in Soil Science and Plant Analysis</i> , 2011 , 42, 2256-2264	1.5	1
4	Effects of compost organic amendments on chemical composition and in vitro digestibility of alfalfa (<i>Medicago sativa</i> L.). <i>Italian Journal of Animal Science</i> , 2009 , 8, 201-209	2.2	1
3	Organic Agroforestry Long-Term Field Experiment Designing Trough Actors Knowledge towards Food System Sustainability. <i>Sustainability</i> , 2021 , 13, 5532	3.6	1
2	EPIC model simulation to assess effective agro-ecological practices for climate change mitigation and adaptation in organic vegetable system. <i>Agronomy for Sustainable Development</i> , 2022 , 42, 1	6.8	0
1	Integrated Physical-Chemical Procedure for Soil Organic Carbon Fractionation and Characterization During Transition to Organic Farming 2013 , 73-77		