Mariangela Diacono

List of Publications by Year
in descending order

56	2,351	489802 18	252626 46
papers	citations	h-index	g-index

56	56	56	3442
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	EPIC model simulation to assess effective agro-ecological practices for climate change mitigation and adaptation in organic vegetable system. Agronomy for Sustainable Development, 2022, 42, 1.	2.2	8
2	The concurrent assessment of agronomic, ecological and environmental variables enables better choice of agroecological service crop termination management. Journal of Applied Ecology, 2022, 59, 1026-1037.	1.9	5
3	Short- and Medium-Term Effects of On-Farm Compost Addition on the Physical and Hydraulic Properties of a Clay Soil. Agronomy, 2022, 12, 1446.	1.3	3
4	On-farm fertilizing materials in organic horticulture: agronomic performance, energy use and GHG emission evaluation. Archives of Agronomy and Soil Science, 2021, 67, 1944-1960.	1.3	6
5	An Overview on Agroecology and Organic Agriculture Strategies for Sustainable Crop Production. Agronomy, 2021, 11, 223.	1.3	11
6	Intercropping and rotation with leguminous plants in organic vegetables: crop performance, soil properties and sustainability assessment. Biological Agriculture and Horticulture, 2021, 37, 141-167.	0.5	8
7	Organic Agroforestry Long-Term Field Experiment Designing Trough Actorsâ€™ Knowledge towards Food System Sustainability. Sustainability, 2021, 13, 5532.	1.6	7
8	Sustainable Agriculture and Soil Conservation. Applied Sciences (Switzerland), 2021, 11, 4146.	1.3	3
9	Assessment of Soil Quality under Different Soil Management Strategies: Combined Use of Statistical Approaches to Select the Most Informative Soil Physico-Chemical Indicators. Applied Sciences (Switzerland), 2021, 11, 5099.	1.3	12
10	Agronomic and Environmental Performances of On-Farm Compost Production and Application in an Organic Vegetable Rotation. Agronomy, 2021, 11, 2073.	1.3	5
11	Sustainability of agro-ecological practices in organic horticulture: yield, energy-use and carbon footprint. Agroecology and Sustainable Food Systems, 2020, 44, 726-746.	1.0	15
12	Agroecological practices for organic lettuce: effects on yield, nitrogen status and nitrogen utilisation efficiency. Biological Agriculture and Horticulture, 2020, 36, 84-95.	0.5	9
13	Levers and Obstacles of Effective Research and Innovation for Organic Food and Farming in Italy. Agronomy, 2020, 10, 1181.	1.3	4
14	Cover Crop as Living Mulch: Effects on Energy Flows in Mediterranean Organic Cropping Systems. Agronomy, 2020, 10, 667.	1.3	10
15	Repeated geophysical measurements in dry and wet soil conditions to describe soil water content variability. Scientia Agricola, 2020, 77, .	0.6	2
16	Recycling Agricultural Wastes and By-products in Organic Farming: Biofertilizer Production, Yield Performance and Carbon Footprint Analysis. Sustainability, 2019, 11, 3824.	1.6	99
17	Organic Vegetable Crops Managed with Agro-Ecological Practices: Environmental Sustainability Assessment by DEXi-met Decision Support System. Applied Sciences (Switzerland), 2019, 9, 4148.	1.3	3
18	Energy flows in European organic vegetable systems: Effects of the introduction and management of agroecological service crops. Energy, 2019, 188, 116096.	4.5	19

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19	Agronomic performance, energy analysis, and carbon balance comparing different fertilization strategies in horticulture under Mediterranean conditions. Environmental Science and Pollution Research, 2019, 26, 19250-19260.	2.7	27
20	Olive Pomace Compost in Organic Emmer Crop: Yield, Soil Properties, and Heavy Metalsâ€™ Fate in Plant and Soil. Journal of Soil Science and Plant Nutrition, 2019, 19, 63-70.	1.7	14
21	Nitrogen Utilization in a Cereal-Legume Rotation Managed with Sustainable Agricultural Practices. Agronomy, 2019, 9, 113.	1.3	9
22	Mapping an Agricultural Field Experiment by Electromagnetic Induction and Ground Penetrating Radar to Improve Soil Water Content Estimation. Agronomy, 2019, 9, 638.	1.3	10
23	Sustainability Assessment of Organic Vegetable Production Using a Qualitative Multi-Attribute Model. Sustainability, 2018, 10, 3820.	1.6	13
24	Assessment of agro-ecological service crop managements combined with organic fertilisation strategies in organic melon crop. Italian Journal of Agronomy, 2018, , 172-182.	0.4	9
25	Environmental Sustainability Assessment of Horticultural Systems: A Multi-Criteria Evaluation Approach Applied in a Case Study in Mediterranean Conditions. Agronomy, 2018, 8, 98.	1.3	11
26	Agronomic performance and sustainability indicators in organic tomato combining different agro-ecological practices. Nutrient Cycling in Agroecosystems, 2018, 112, 101-117.	1.1	19
27	Effectiveness of living mulch strategies for winter organic cauliflower (Brassica oleracea L.) Tj ETQq1 1 0.784314 rgBT /Overloc Systems, 2017, 32, 263-272.	0.8	9
28	Agro-Ecology for Potential Adaptation of Horticultural Systems to Climate Change: Agronomic and Energetic Performance Evaluation. Agronomy, 2017, 7, 35.	1.3	30
29	Impacts of Agro-Ecological Practices on Soil Losses and Cash Crop Yield. Agriculture (Switzerland), 2017, 7, 103.	1.4	15
30	Agronomic performance for biodiesel production potential of Brassica carinata A. Braun in Mediterranean marginal areas. Italian Journal of Agronomy, 2016, 11, 57-64.	0.4	12
31	Combined agro-ecological strategies for adaptation of organic horticultural systems to climate change in Mediterranean environment. Italian Journal of Agronomy, 2016, 11, 85-91.	0.4	27
32	Towards a Better Understanding of Agronomic Efficiency of Nitrogen: Assessment and Improvement Strategies. Agronomy, 2016, 6, 31.	1.3	25
33	Living mulch strategy for organic cauliflower (Brassica oleracea L.) production in central and southern Italy. Italian Journal of Agronomy, 2015, 10, 90-96.	0.4	12
34	Organic No-Till with Roller Crimpers: Agro-ecosystem Services and Applications in Organic Mediterranean Vegetable Productions. Sustainable Agriculture Research, 2015, 4, 70.	0.2	40
35	Environmental effectiveness of GAEC cross-compliance Standard 3.1 â€˜Ploughing in good soil moisture conditionsâ€™ and economic evaluation of the competitiveness gap for farmers. Italian Journal of Agronomy, 2015, 10, .	0.4	1
36	Effectiveness of Organic Wastes as Fertilizers and Amendments in Salt-Affected Soils. Agriculture (Switzerland), 2015, 5, 221-230.	1.4	99

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37	Suitability of different organic amendments from agro-industrial wastes in organic lettuce crops. Nutrient Cycling in Agroecosystems, 2015, 102, 243-252.	1.1	31
38	Legume cover crop management and organic amendments application: Effects on organic zucchini performance and weed competition. Scientia Horticulturae, 2015, 185, 48-58.	1.7	32
39	Agronomic performance of experimental fertilizers on spinach (Spinacia oleracea L.) in organic farming. Nutrient Cycling in Agroecosystems, 2015, 102, 227-241.	1.1	10
40	Yield and Performance and Soil Properties of Organically Fertilized Fodder Crops. Journal of Plant Nutrition, 2015, 38, 1558-1572.	0.9	6
41	Siteâ€specific effects of variable water supply and nitrogen fertilisation on winter wheat. Journal of Plant Nutrition and Soil Science, 2014, 177, 509-523.	1.1	21
42	Suitability of Untreated and Composted Olive Mill By-Products as Amendments in Organic Olive Orchards. Compost Science and Utilization, 2014, 22, 216-229.	1.2	2
43	An approach for assessing the effects of site-specific fertilization on crop growth and yield of durum wheat in organic agriculture. Precision Agriculture, 2014, 15, 479-498.	3.1	18
44	Alternative strategies for nitrogen fertilization of overwinter processing spinach (Spinacia oleracea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	19
45	Precision nitrogen management of wheat. A review. Agronomy for Sustainable Development, 2013, 33, 219-241.	2.2	266
46	Field partition by proximal and remote sensing data fusion. Biosystems Engineering, 2013, 114, 372-383.	1.9	43
47	An approach for delineating homogeneous zones by using multi-sensor data. Geoderma, 2013, 199, 117-127.	2.3	61
48	A combined approach of geostatistics and geographical clustering for delineating homogeneous zones in a durum wheat field in organic farming. Njas - Wageningen Journal of Life Sciences, 2013, 64-65, 47-57.	7.9	8
49	Combined approach based on principal component analysis and canonical discriminant analysis for investigating hyperspectral plant response. Italian Journal of Agronomy, 2012, 7, 34.	0.4	17
50	Spatial and temporal variability of wheat grain yield and quality in a Mediterranean environment: A multivariate geostatistical approach. Field Crops Research, 2012, 131, 49-62.	2.3	70
51	Potential Use of Olive Mill Wastewater as Amendment: Crops Yield and Soil Properties Assessment. Communications in Soil Science and Plant Analysis, 2011, 42, 2594-2603.	0.6	21
52	Long-Term Effects of Organic Amendments on Soil Fertility. , 2011, , 761-786.		112
53	Short-Term Agronomical Effects of Olive Oil Pomace Composts onPisum arvenseL. andTrifolium subterraneumL. and Impacts on Soil Properties. Communications in Soil Science and Plant Analysis, 2011, 42, 2256-2264.	0.6	1
54	Long-term effects of organic amendments on soil fertility. A review. Agronomy for Sustainable Development, 2010, 30, 401-422.	2.2	957

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55	Biodegradation of olive husk mixed with other agricultural wastes. Bioresource Technology, 2009, 100, 2969-2974.	4.8	38
56	Bioassays and application of olive pomace compost on emmer: effects on yield and soil properties in organic farming. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 0, , 1-9.	0.3	7