

# Daniele Antichi

## List of Publications by Year in descending order

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Version: 2024-02-01

40  
papers

1,434  
citations

394421

19  
h-index

330143

37  
g-index

41  
all docs

41  
docs citations

41  
times ranked

2020  
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term effect of tillage, nitrogen fertilization and cover crops on soil organic carbon and total nitrogen content. <i>Soil and Tillage Research</i> , 2011, 114, 165-174.	5.6	256
2	Pests, pesticide use and alternative options in European maize production: current status and future prospects. <i>Journal of Applied Entomology</i> , 2010, 134, 357-375.	1.8	216
3	Fifteen years of no till increase soil organic matter, microbial biomass and arthropod diversity in cover crop-based arable cropping systems. <i>Agronomy for Sustainable Development</i> , 2012, 32, 853-863.	5.3	98
4	Comparison of organic and conventional stockless arable systems: A multidisciplinary approach to soil quality evaluation. <i>Applied Soil Ecology</i> , 2010, 44, 124-132.	4.3	85
5	Soil carbon and nitrogen changes after 28 years of no-tillage management under Mediterranean conditions. <i>European Journal of Agronomy</i> , 2016, 77, 156-165.	4.1	72
6	Organically vs conventionally grown winter wheat: Effects on grain yield, technological quality, and on phenolic composition and antioxidant properties of bran and refined flour. <i>Food Chemistry</i> , 2015, 175, 445-451.	8.2	65
7	Organic farmers's motivations and challenges for adopting conservation agriculture in Europe. <i>Organic Agriculture</i> , 2016, 6, 281-295.	2.4	58
8	How organic farmers practice conservation agriculture in Europe. <i>Renewable Agriculture and Food Systems</i> , 2016, 31, 72-85.	1.8	58
9	Rainfed Wheat and Soybean Productivity in a Long-Term Tillage Experiment in Central Italy. <i>Agronomy Journal</i> , 2008, 100, 1418-1429.	1.8	48
10	Hydrothermal Carbonization of Municipal Woody and Herbaceous Prunings: Hydrochar Valorisation as Soil Amendment and Growth Medium for Horticulture. <i>Sustainability</i> , 2018, 10, 846.	3.2	46
11	Diversity of methodologies to experiment Integrated Pest Management in arable cropping systems: Analysis and reflections based on a European network. <i>European Journal of Agronomy</i> , 2017, 83, 86-99.	4.1	36
12	Effect of different cover crops on organic tomato production. <i>Renewable Agriculture and Food Systems</i> , 2009, 24, 92-101.	1.8	35
13	Cover crops promote crop productivity but do not enhance weed management in tillage-based cropping systems. <i>European Journal of Agronomy</i> , 2021, 123, 126221.	4.1	32
14	Current research on the ecosystem service potential of legume inclusive cropping systems in Europe. A review. <i>Agronomy for Sustainable Development</i> , 2021, 41, 1.	5.3	32
15	Can conservation tillage mitigate climate change impacts in Mediterranean cereal systems? A soil organic carbon assessment using long term experiments. <i>European Journal of Agronomy</i> , 2017, 90, 96-107.	4.1	31
16	Combining roller crimpers and flaming for the termination of cover crops in herbicide-free no-till cropping systems. <i>PLoS ONE</i> , 2019, 14, e0211573.	2.5	23
17	Agronomic Performances of Organic Field Vegetables Managed with Conservation Agriculture Techniques: A Study from Central Italy. <i>Agronomy</i> , 2019, 9, 810.	3.0	22
18	Greenhouse Gas Emissions from Soil Cultivated with Vegetables in Crop Rotation under Integrated, Organic and Organic Conservation Management in a Mediterranean Environment. <i>Agronomy</i> , 2019, 9, 446.	3.0	20

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19	On Farm Agronomic and First Environmental Evaluation of Oil Crops for Sustainable Bioenergy Chains. <i>Italian Journal of Agronomy</i> , 2009, 4, 171.	1.0	19
20	Green manure and compost effects on N-P dynamics in Mediterranean organic stockless systems. <i>Journal of Soil Science and Plant Nutrition</i> , 2017, 17, 751-769.	3.4	15
21	Approaches to Identify the Value of Seminalural Habitats for Conservation Biological Control. <i>Insects</i> , 2020, 11, 195.	2.2	15
22	Effect of defatted oilseed meals applied as organic fertilizers on vegetable crop production and environmental impact. <i>Industrial Crops and Products</i> , 2015, 75, 54-64.	5.2	14
23	Minimum tillage mitigated soil N <sub>2</sub> O emissions and maximized crop yield in faba bean in a Mediterranean environment. <i>Soil and Tillage Research</i> , 2018, 178, 11-21.	5.6	14
24	Soil and Nutrient Losses in a Flat Land Reclamation District of Central Italy. <i>Land Degradation and Development</i> , 2017, 28, 638-647.	3.9	13
25	Evaluation of the Agronomic Performance of Organic Processing Tomato as Affected by Different Cover Crop Residues Management. <i>Agronomy</i> , 2019, 9, 504.	3.0	13
26	Autonomous Mowing and Turf-Type Bermudagrass as Innovations for An Environment-Friendly Floor Management of a Vineyard in Coastal Tuscany. <i>Agriculture (Switzerland)</i> , 2020, 10, 189.	3.1	11
27	Innovative Living Mulch Management Strategies for Organic Conservation Field Vegetables: Evaluation of Continuous Mowing, Flaming, and Tillage Performances. <i>Agronomy</i> , 2022, 12, 622.	3.0	11
28	A Field Vegetable Transplanter for Use in Both Tilled and No-Till Soils. <i>Transactions of the ASABE</i> , 2019, 62, 593-602.	1.1	9
29	Bioactive Properties of Fruits and Leafy Vegetables Managed with Integrated, Organic, and Organic No-Tillage Practices in the Mediterranean Area: A Two-Year Rotation Experiment. <i>Agronomy</i> , 2020, 10, 841.	3.0	9
30	Application of Remote Sensing Techniques to Discriminate the Effect of Different Soil Management Treatments over Rainfed Vineyards in Chianti Terroir. <i>Remote Sensing</i> , 2021, 13, 716.	4.0	9
31	Groundcover Mulching in Mediterranean Vineyards Improves Soil Chemical, Physical and Biological Health Already in the Short Term. <i>Agronomy</i> , 2021, 11, 787.	3.0	8
32	Ground vegetation covers increase grape yield and must quality in Mediterranean organic vineyards despite variable effects on vine water deficit and nitrogen status. <i>European Journal of Agronomy</i> , 2022, 136, 126483.	4.1	6
33	Fatty acid and glucosinolate patterns of seed from <i>Isatis indigotica</i> Fortune as bioproducts for green chemistry. <i>Industrial Crops and Products</i> , 2015, 75, 51-58.	5.2	5
34	Green manure and phosphorus fertilization affect weed community composition and crop/weed competition in organic maize. <i>Renewable Agriculture and Food Systems</i> , 2020, 35, 493-502.	1.8	5
35	Intercropping cover crops with a poplar short rotation coppice: Effects on nutrient uptake and biomass production. <i>Italian Journal of Agronomy</i> , 0, , 126-133.	1.0	4
36	Levers and Obstacles of Effective Research and Innovation for Organic Food and Farming in Italy. <i>Agronomy</i> , 2020, 10, 1181.	3.0	4

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37	Long-term experiments on agroecology and organic farming: the Italian long-term experiment network. , 2020, , 183-196.		4
38	Ground Beetle (Coleoptera: Carabidae) Assemblages and Slug Abundance in Agricultural Fields Under Organic and Low-Input Conventional Management Within a Long-Term Agronomic Trial in Central Italy. Environmental Entomology, 2019, 48, 1377-1387.	1.4	3
39	Rye ( <i>Secale cereale</i> L.) and squarrose clover ( <i>Trifolium squarrosum</i> L.) cover crops can increase their allelopathic potential for weed control when used mixed as dead mulch. Italian Journal of Agronomy, 0, , .	1.0	3
40	On-farm evaluation of seed yield and oil quality of linseed ( <i>Linum usitatissimum</i> L.) in inland areas of Tuscany, Central Italy. Italian Journal of Agronomy, 2016, 11, 199.	1.0	2