

Stefano Canali

List of Publications by Year in descending order

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44
papers

867
citations

516710

16
h-index

501196

28
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45
all docs

45
docs citations

45
times ranked

841
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic Agriculture 3.0 is innovation with research. <i>Organic Agriculture</i> , 2017, 7, 169-197.	2.4	84
2	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.	4.1	69
3	Thermal analysis in the evaluation of compost stability: a comparison with humification parameters. <i>Nutrient Cycling in Agroecosystems</i> , 1998, 51, 217-224.	2.2	55
4	Effect of long term addition of composts and poultry manure on soil quality of citrus orchards in Southern Italy. <i>Biology and Fertility of Soils</i> , 2004, 40, 206.	4.3	48
5	Cover crops in organic field vegetable production. <i>Scientia Horticulturae</i> , 2016, 208, 104-110.	3.6	46
6	Agroforestry and organic agriculture. <i>Agroforestry Systems</i> , 2021, 95, 805-821.	2.0	46
7	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.	1.0	43
8	Organic No-Till with Roller Crimpers: Agro-ecosystem Services and Applications in Organic Mediterranean Vegetable Productions. <i>Sustainable Agriculture Research</i> , 2015, 4, 70.	0.3	40
9	Agronomic performance, carbon storage and nitrogen utilisation of long-term organic and conventional stockless arable systems in Mediterranean area. <i>European Journal of Agronomy</i> , 2014, 52, 138-145.	4.1	33
10	Legume cover crop management and organic amendments application: Effects on organic zucchini performance and weed competition. <i>Scientia Horticulturae</i> , 2015, 185, 48-58.	3.6	32
11	Agro-Ecology for Potential Adaptation of Horticultural Systems to Climate Change: Agronomic and Energetic Performance Evaluation. <i>Agronomy</i> , 2017, 7, 35.	3.0	30
12	Combined agro-ecological strategies for adaptation of organic horticultural systems to climate change in Mediterranean environment. <i>Italian Journal of Agronomy</i> , 2016, 11, 85-91.	1.0	27
13	Potential carbon sequestration in a Mediterranean organic vegetable cropping system. A model approach for evaluating the effects of compost and Agro-ecological Service Crops (ASCs). <i>Agricultural Systems</i> , 2018, 162, 239-248.	6.1	25
14	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	23
15	An Actor-Oriented Multi-Criteria Assessment Framework to Support a Transition towards Sustainable Agricultural Systems Based on Crop Diversification. <i>Sustainability</i> , 2020, 12, 5434.	3.2	20
16	Agronomic performance and sustainability indicators in organic tomato combining different agro-ecological practices. <i>Nutrient Cycling in Agroecosystems</i> , 2018, 112, 101-117.	2.2	19
17	Agroecological service crops managed with roller crimper reduce weed density and weed species richness in organic vegetable systems across Europe. <i>Agronomy for Sustainable Development</i> , 2019, 39, 1.	5.3	18
18	Can living mulches in intercropping systems reduce the potential nitrate leaching? Studies of organic cauliflower (<i>Brassica oleracea</i> L. var. <i>botrytis</i>) and leek (<i>Allium porrum</i> L.) production across European conditions. <i>Renewable Agriculture and Food Systems</i> , 2017, 32, 224-239.	1.8	15

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19	Sustainability Assessment of Organic Vegetable Production Using a Qualitative Multi-Attribute Model. Sustainability, 2018, 10, 3820.	3.2	13
20	Mulch-Based No-Tillage Effects on Weed Community and Management in an Organic Vegetable System. Agronomy, 2019, 9, 594.	3.0	13
21	Cover crop composition mediates the constraints and benefits of roller-crimping and incorporation in organic white cabbage production. Agriculture, Ecosystems and Environment, 2020, 296, 106908.	5.3	13
22	Living mulch strategy for organic cauliflower (<i>Brassica oleracea</i> L.) production in central and southern Italy. Italian Journal of Agronomy, 2015, 10, 90-96.	1.0	12
23	Living mulch for weed management in organic vegetable cropping systems under Mediterranean and North European conditions. Renewable Agriculture and Food Systems, 2017, 32, 248-262.	1.8	12
24	Mycorrhiza-mediated interference between cover crop and weed in organic winter cereal agroecosystems: The mycorrhizal colonization intensity indicator. Ecology and Evolution, 2019, 9, 5593-5604.	1.9	12
25	Termination method and time of agro-ecological service crops influence soil mineral nitrogen, cabbage yield and root growth across five locations in Northern and Western Europe. European Journal of Agronomy, 2020, 120, 126144.	4.1	11
26	Participatory organic research in the USA and Italy: Across a continuum of farmer-researcher partnerships. Renewable Agriculture and Food Systems, 2017, 32, 331-348.	1.8	10
27	Influence of Cover Crop Termination on Ground Dwelling Arthropods in Organic Vegetable Systems. Insects, 2020, 11, 445.	2.2	10
28	Effectiveness of living mulch strategies for winter organic cauliflower (<i>Brassica oleracea</i> L.) production in Northern and Western Europe. Renewable Agriculture and Food Systems, 2017, 32, 263-272.	1.8	9
29	Assessment of agro-ecological service crop managements combined with organic fertilisation strategies in organic melon crop. Italian Journal of Agronomy, 2018, , 172-182.	1.0	9
30	Effects of cereals as agro-ecological service crops and no-till on organic melon, weeds and N dynamics. Biological Agriculture and Horticulture, 2019, 35, 275-287.	1.0	9
31	Organic Agroforestry Long-Term Field Experiment Designing Through Actors' Knowledge towards Food System Sustainability. Sustainability, 2021, 13, 5532.	3.2	7
32	Influence of agro-ecological service crop termination and synthetic biodegradable film covering on <i>Aphis gossypii</i> Glover (Rhynchota: Aphididae) infestation and natural enemy dynamics. Renewable Agriculture and Food Systems, 2018, 33, 386-392.	1.8	6
33	ENABLING CROP DIVERSIFICATION TO SUPPORT TRANSITIONS TOWARD MORE SUSTAINABLE EUROPEAN AGRIFOOD SYSTEMS. Frontiers of Agricultural Science and Engineering, 2021, .	1.4	6
34	Mulch Based No-Tillage and Compost Effects on Nitrogen Fertility in Organic Melon. Agronomy Journal, 2018, 110, 1482-1491.	1.8	5
35	Green manure and phosphorus fertilization affect weed community composition and crop/weed competition in organic maize. Renewable Agriculture and Food Systems, 2020, 35, 493-502.	1.8	5
36	Soil Fertility Management in Organic Potato: The Role of Green Manure and Amendment Applications. , 2012, , 453-469.		5

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37	The concurrent assessment of agronomic, ecological and environmental variables enables better choice of agroecological service crop termination management. <i>Journal of Applied Ecology</i> , 2022, 59, 1026-1037.	4.0	5
38	Levers and Obstacles of Effective Research and Innovation for Organic Food and Farming in Italy. <i>Agronomy</i> , 2020, 10, 1181.	3.0	4
39	Long-term experiments on agroecology and organic farming: the Italian long-term experiment network. , 2020, , 183-196.		4
40	A multi-criteria qualitative tool for the sustainability assessment of organic durum wheat-based farming systems designed through a participative process. <i>Italian Journal of Agronomy</i> , 2021, 16, .	1.0	4
41	Sweet Pepper (<i>Capsicum annuum</i> L.) Organic Seedling Production: The Role of Compost, Cultivar, and Protein Hydrolyzate. <i>Compost Science and Utilization</i> , 2017, 25, 112-119.	1.2	3
42	Organic Citrus: Soil Fertility and Plant Nutrition Management. , 2012, , 353-368.		3
43	An action-research exploration of value chain development from field to consumer based on organic hempseed oil in Sicily. <i>OCL - Oilseeds and Fats, Crops and Lipids</i> , 2020, 27, 56.	1.4	2
44	SoilVeg - Improving soil conservation and resource use in organic cropping systems for vegetable production through introduction and management of Agro-ecological Service Crops. , 2017, , .		0