

Carmelo Maucieri

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.

56 papers	827 citations	17 h-index	27 g-index
56 ext. papers	1,034 ext. citations	3.7 avg, IF	4.62 L-index

#	Paper	IF	Citations
56	Effects of spreading olive mill wastewater on soil properties and crops, a review. <i>Agricultural Water Management</i> , 2013 , 119, 43-53	5.9	133
55	A review on the main affecting factors of greenhouse gases emission in constructed wetlands. <i>Agricultural and Forest Meteorology</i> , 2017 , 236, 175-193	5.8	105
54	Short-term effects of biochar and salinity on soil greenhouse gas emissions from a semi-arid Australian soil after re-wetting. <i>Geoderma</i> , 2017 , 307, 267-276	6.7	46
53	Effects of olive mill wastewater physico-chemical treatments on polyphenol abatement and Italian ryegrass (<i>Lolium multiflorum</i> Lam.) germinability. <i>Water Research</i> , 2014 , 52, 275-81	12.5	41
52	Life cycle assessment of a micro aquaponic system for educational purposes built using recovered material. <i>Journal of Cleaner Production</i> , 2018 , 172, 3119-3127	10.3	31
51	A Tool for the Evaluation of Irrigation Water Quality in the Arid and Semi-Arid Regions. <i>Agronomy</i> , 2018 , 8, 23	3.6	30
50	Comparison of carbon balance in Mediterranean pilot constructed wetlands vegetated with different C4 plant species. <i>Environmental Science and Pollution Research</i> , 2015 , 22, 2372-83	5.1	29
49	Hydroponic Technologies 2019 , 77-110		29
48	Treatment performance and greenhouse gas emission of a pilot hybrid constructed wetland system treating digestate liquid fraction. <i>Ecological Engineering</i> , 2016 , 94, 406-417	3.9	27
47	Evaluation of variability to drought and saline stress through the germination of different ecotypes of carob (<i>Ceratonia siliqua</i> L.) using a hydrotimic model. <i>Ecological Engineering</i> , 2016 , 95, 557-566	3.9	26
46	Role of C3 plant species on carbon dioxide and methane emissions in Mediterranean constructed wetland. <i>Italian Journal of Agronomy</i> , 2014 , 9, 120	1.4	22
45	Extension of Aquaponic Water Use for NFT Baby-Leaf Production: Mizuna and Rocket Salad. <i>Agronomy</i> , 2018 , 8, 75	3.6	20
44	Carbon dioxide emissions from horizontal sub-surface constructed wetlands in the Mediterranean Basin. <i>Ecological Engineering</i> , 2014 , 64, 57-61	3.9	19
43	Biomass production and soil organic carbon accumulation in a free water surface constructed wetland treating agricultural wastewater in North Eastern Italy. <i>Ecological Engineering</i> , 2014 , 70, 422-428	3.9	18
42	Effect of stocking density of fish on water quality and growth performance of European Carp and leafy vegetables in a low-tech aquaponic system. <i>PLoS ONE</i> , 2019 , 14, e0217561	3.7	17
41	Hydroponic systems and water management in aquaponics: a review. <i>Italian Journal of Agronomy</i> , 2017 , 11,	1.4	17
40	Vegetation contribution on phosphorus removal in constructed wetlands. <i>Ecological Engineering</i> , 2020 , 152, 105853	3.9	17

39	Annual nitric and nitrous oxide emissions response to biochar amendment from an intensive greenhouse vegetable system in southeast China. <i>Scientia Horticulturae</i> , 2019 , 246, 879-886	4.1	17
38	<i>Lolium multiflorum</i> Lam. cvs germination under simulated olive mill wastewater salinity and pH stress. <i>Ecological Engineering</i> , 2014 , 71, 113-117	3.9	15
37	Effects of digestate solid fraction fertilisation on yield and soil carbon dioxide emission in a horticulture succession. <i>Italian Journal of Agronomy</i> , 2017 , 11,	1.4	12
36	Effects on Water Management and Quality Characteristics of Ozone Application in Chicory Forcing Process: A Pilot System. <i>Agronomy</i> , 2017 , 7, 29	3.6	12
35	Vegetable Intercropping in a Small-Scale Aquaponic System. <i>Agronomy</i> , 2017 , 7, 63	3.6	12
34	Effect of injection depth of digestate liquid fraction on soil carbon dioxide emission and maize biomass production. <i>Italian Journal of Agronomy</i> , 2015 , 10, 6	1.4	12
33	Plant species effect on CO ₂ and CH ₄ emissions from pilot constructed wetlands in Mediterranean area. <i>Ecological Engineering</i> , 2019 , 134, 112-117	3.9	10
32	Sorghum Biomass Production for Energy Purpose Using Treated Urban Wastewater and Different Fertilization in a Mediterranean Environment. <i>Agriculture (Switzerland)</i> , 2016 , 6, 67	3	9
31	Bioethanol and biomethane potential production of thirteen pluri-annual herbaceous species. <i>Industrial Crops and Products</i> , 2019 , 129, 694-701	5.9	9
30	Compost as a Substitute for Mineral N Fertilization? Effects on Crops, Soil and N Leaching. <i>Agronomy</i> , 2019 , 9, 193	3.6	8
29	Responses of Different <i>Panicum miliaceum</i> L. Genotypes to Saline and Water Stress in a Marginal Mediterranean Environment. <i>Agronomy</i> , 2018 , 8, 8	3.6	8
28	Root system characterization and water requirements of ten perennial herbaceous species for biomass production managed with high nitrogen and water inputs. <i>Agricultural Water Management</i> , 2018 , 196, 37-47	5.9	8
27	Effects of stocking density on the growth and flesh quality of rainbow trout (<i>Oncorhynchus mykiss</i>) reared in a low-tech aquaponic system. <i>Aquaculture</i> , 2020 , 529, 735653	4.4	6
26	Green walls to treat kitchen greywater in urban areas: Performance from a pilot-scale experiment. <i>Science of the Total Environment</i> , 2021 , 757, 144189	10.2	6
25	Olive mill wastewater spreading and AMF inoculation effects in a low-input semi-arid Mediterranean crop succession. <i>Archives of Agronomy and Soil Science</i> , 2018 , 64, 2060-2074	2	6
24	Ligneous-cellulosic, nitrophilous and wetland plants for biomass production and watertable protection against nutrient leaching. <i>European Journal of Agronomy</i> , 2018 , 96, 77-86	5	5
23	Influence of salinity and osmotic stress on germination process in an old sicilian landrace and a modern cultivar of <i>Triticum Durum</i> Desf.. <i>Cereal Research Communications</i> , 2018 , 46, 253-262	1.1	5
22	Distillery anaerobic digestion residues: A new opportunity for sweet potato fertilization. <i>Scientia Horticulturae</i> , 2017 , 225, 38-47	4.1	5

21	Effects of Drought on Yield and Nutraceutical Properties of Beans (<i>Phaseolus</i> spp.) Traditionally Cultivated in Veneto, Italy. <i>Horticulturae</i> , 2021 , 7, 17	2.5	5
20	Composition and quality traits of vegetables grown in a low-tech aquaponic system at different fish stocking densities. <i>Journal of the Science of Food and Agriculture</i> , 2020 , 100, 4310-4318	4.3	3
19	Effects of pharmaceuticals (Caffeine and Ibuprofen) and AMF inoculation on the growth and yield of <i>Oryza sativa</i> L.. <i>Agricultural Water Management</i> , 2020 , 232, 106005	5.9	3
18	Digestate Liquid Fraction Treatment with Filters Filled with Recovery Materials. <i>Water (Switzerland)</i> , 2021 , 13, 21	3	3
17	Smart fertilizers: what should we mean and where should we go?. <i>Italian Journal of Agronomy</i> ,	1.4	3
16	Degradable Slow-Release Fertilizer Composite Prepared by Ex Situ Mixing of Inverse Vulcanized Copolymer with Urea. <i>Agronomy</i> , 2022 , 12, 65	3.6	3
15	CO2 Emissions and Maize Biomass Production Using Digestate Liquid Fraction in Two Soil Texture Types. <i>Transactions of the ASABE</i> , 2017 , 60, 1325-1336	0.9	2
14	Greenhouse Gases Formation and Emission 2019 , 329-333		2
13	Efficient Irrigation Methods and Optimal Nitrogen Dose to Enhance Wheat Yield, Inputs Efficiency and Economic Benefits in the North China Plain. <i>Agronomy</i> , 2022 , 12, 273	3.6	2
12	Effects of mycorrhizal inoculation and digestate fertilisation on triticale biomass production using fungicide-coated seeds. <i>Irish Journal of Agricultural and Food Research</i> , 2018 , 57, 42-51	1.1	2
11	Phytomanagement of Chromium-Contaminated Soils Using Cannabis sativa (L.). <i>Agronomy</i> , 2020 , 10, 1223	3.6	2
10	Rainfall increasing offsets the negative effects of nighttime warming on GHGs and wheat yield in North China Plain. <i>Scientific Reports</i> , 2021 , 11, 6505	4.9	2
9	Vegetables Quality and Biotic Stress 2019 , 107-128		1
8	Evaluating a Controlled-Release Fertilizer for Plant Establishment in Floating Elements for Bioretention Ponds. <i>Agronomy</i> , 2020 , 10, 199	3.6	1
7	Short-term climate change effects on maize phenological phases in northeast Italy. <i>Italian Journal of Agronomy</i> , 2019 , 14, 222-229	1.4	1
6	Improving in vitro mass proliferation of carob (<i>Ceratonia siliqua</i> L.) from seedling apices by temporary immersion systems. <i>Acta Horticulturae</i> , 2017 , 221-226	0.3	0
5	Polyphenols leaching and seed dormancy in carob (<i>Ceratonia siliqua</i> L.) in relation to hot water treatment. <i>Acta Physiologiae Plantarum</i> , 2021 , 43, 1	2.6	0
4	Nitrogen budget in recirculating aquaponic systems with different fish stocking density. <i>Italian Journal of Agronomy</i> , 2020 , 15, 239-245	1.4	0

3	Performance and fillet traits of rainbow trout (<i>Oncorhynchus mykiss</i>) fed different levels of <i>Hermetia illucens</i> meal in a low-tech aquaponic system. <i>Aquaculture</i> , 2022 , 546, 737279	4.4	o
2	Babyleaf NFT production and water management in aquaponic system. <i>Acta Horticulturae</i> , 2018 , 159-164.	4.3	
1	Crayfish Fish Aquaculture Ponds Exert Reduced Climatic Impacts and Higher Economic Benefits than Traditional Wheat Rice Paddy Cultivation. <i>Agriculture (Switzerland)</i> , 2022 , 12, 515	3	