Carmelo Maucieri

List of Publications by Year in Descending Order

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	Efficient Irrigation Methods and Optimal Nitrogen Dose to Enhance Wheat Yield, Inputs Efficiency and Economic Benefits in the North China Plain. *Agronomy*, **2022**, 12, 273	3.6	2
55	Performance and fillet traits of rainbow trout (Oncorhynchus mykiss) fed different levels of Hermetia illucens meal in a low-tech aquaponic system. *Aquaculture*, **2022**, 546, 737279	4.4	0
54	Crayfish–Fish Aquaculture Ponds Exert Reduced Climatic Impacts and Higher Economic Benefits than Traditional Wheat–Rice Paddy Cultivation. *Agriculture (Switzerland)*, **2022**, 12, 515	3	
53	Degradable Slow-Release Fertilizer Composite Prepared by Ex Situ Mixing of Inverse Vulcanized Copolymer with Urea. *Agronomy*, **2022**, 12, 65	3.6	3
52	Digestate Liquid Fraction Treatment with Filters Filled with Recovery Materials. *Water (Switzerland)*, **2021**, 13, 21	3	3
51	Polyphenols leaching and seed dormancy in carob (Ceratonia siliqua L.) in relation to hot water treatment. *Acta Physiologiae Plantarum*, **2021**, 43, 1	2.6	0
50	Rainfall increasing offsets the negative effects of nighttime warming on GHGs and wheat yield in North China Plain. *Scientific Reports*, **2021**, 11, 6505	4.9	2
49	Green walls to treat kitchen greywater in urban areas: Performance from a pilot-scale experiment. *Science of the Total Environment*, **2021**, 757, 144189	10.2	6
48	Effects of Drought on Yield and Nutraceutical Properties of Beans (Phaseolus spp.) Traditionally Cultivated in Veneto, Italy. *Horticulturae*, **2021**, 7, 17	2.5	5
47	Composition and quality traits of vegetables grown in a low-tech aquaponic system at different fish stocking densities. *Journal of the Science of Food and Agriculture*, **2020**, 100, 4310-4318	4.3	3
46	Effects of stocking density on the growth and flesh quality of rainbow trout (Oncorhynchus mykiss) reared in a low-tech aquaponic system. *Aquaculture*, **2020**, 529, 735653	4.4	6
45	Effects of pharmaceuticals (Caffeine and Ibuprofen) and AMF inoculation on the growth and yield of Oryza sativa L.. *Agricultural Water Management*, **2020**, 232, 106005	5.9	3
44	Evaluating a Controlled-Release Fertilizer for Plant Establishment in Floating Elements for Bioretention Ponds. *Agronomy*, **2020**, 10, 199	3.6	1
43	Vegetation contribution on phosphorus removal in constructed wetlands. *Ecological Engineering*, **2020**, 152, 105853	3.9	17
42	Phytomanagement of Chromium-Contaminated Soils Using Cannabis sativa (L.). *Agronomy*, **2020**, 10, 1223	3.6	2
41	Nitrogen budget in recirculating aquaponic systems with different fish stocking density. *Italian Journal of Agronomy*, **2020**, 15, 239-245	1.4	0
40	Compost as a Substitute for Mineral N Fertilization? Effects on Crops, Soil and N Leaching. *Agronomy*, **2019**, 9, 193	3.6	8

39	Plant species effect on CO2 and CH4 emissions from pilot constructed wetlands in Mediterranean area. *Ecological Engineering*, **2019**, 134, 112-117	3.9	10
38	Effect of stocking density of fish on water quality and growth performance of European Carp and leafy vegetables in a low-tech aquaponic system. *PLoS ONE*, **2019**, 14, e0217561	3.7	17
37	Vegetables Quality and Biotic Stress **2019**, 107-128		1
36	Greenhouse Gases Formation and Emission **2019**, 329-333		2
35	Hydroponic Technologies **2019**, 77-110		29
34	Short-term climate change effects on maize phenological phases in northeast Italy. *Italian Journal of Agronomy*, **2019**, 14, 222-229	1.4	1
33	Bioethanol and biomethane potential production of thirteen pluri-annual herbaceous species. *Industrial Crops and Products*, **2019**, 129, 694-701	5.9	9
32	Annual nitric and nitrous oxide emissions response to biochar amendment from an intensive greenhouse vegetable system in southeast China. *Scientia Horticulturae*, **2019**, 246, 879-886	4.1	17
31	Ligneous-cellulosic, nitrophilous and wetland plants for biomass production and watertable protection against nutrient leaching. *European Journal of Agronomy*, **2018**, 96, 77-86	5	5
30	Responses of Different Panicum miliaceum L. Genotypes to Saline and Water Stress in a Marginal Mediterranean Environment. *Agronomy*, **2018**, 8, 8	3.6	8
29	A Tool for the Evaluation of Irrigation Water Quality in the Arid and Semi-Arid Regions. *Agronomy*, **2018**, 8, 23	3.6	30
28	Extension of Aquaponic Water Use for NFT Baby-Leaf Production: Mizuna and Rocket Salad. *Agronomy*, **2018**, 8, 75	3.6	20
27	Influence of salinity and osmotic stress on germination process in an old sicilian landrace and a modern cultivar of Triticum Durum Desf.. *Cereal Research Communications*, **2018**, 46, 253-262	1.1	5
26	Effects of mycorrhizal inoculation and digestate fertilisation on triticale biomass production using fungicide-coated seeds. *Irish Journal of Agricultural and Food Research*, **2018**, 57, 42-51	1.1	2
25	Root system characterization and water requirements of ten perennial herbaceous species for biomass production managed with high nitrogen and water inputs. *Agricultural Water Management*, **2018**, 196, 37-47	5.9	8
24	Life cycle assessment of a micro aquaponic system for educational purposes built using recovered material. *Journal of Cleaner Production*, **2018**, 172, 3119-3127	10.3	31
23	Babyleaf NFT production and water management in aquaponic system. *Acta Horticulturae*, **2018**, 159-164	0.3	
22	Olive mill wastewater spreading and AMF inoculation effects in a low-input semi-arid Mediterranean crop succession. *Archives of Agronomy and Soil Science*, **2018**, 64, 2060-2074	2	6

21	A review on the main affecting factors of greenhouse gases emission in constructed wetlands. *Agricultural and Forest Meteorology*, **2017**, 236, 175-193	5.8	105
20	Improving in vitro mass proliferation of carob (Ceratonia siliqua L.) from seedling apices by temporary immersion systems. *Acta Horticulturae*, **2017**, 221-226	0.3	0
19	Hydroponic systems and water management in aquaponics: a review. *Italian Journal of Agronomy*, **2017**, 11,	1.4	17
18	Effects of digestate solid fraction fertilisation on yield and soil carbon dioxide emission in a horticulture succession. *Italian Journal of Agronomy*, **2017**, 11,	1.4	12
17	CO2 Emissions and Maize Biomass Production Using Digestate Liquid Fraction in Two Soil Texture Types. *Transactions of the ASABE*, **2017**, 60, 1325-1336	0.9	2
16	Effects on Water Management and Quality Characteristics of Ozone Application in Chicory Forcing Process: A Pilot System. *Agronomy*, **2017**, 7, 29	3.6	12
15	Short-term effects of biochar and salinity on soil greenhouse gas emissions from a semi-arid Australian soil after re-wetting. *Geoderma*, **2017**, 307, 267-276	6.7	46
14	Distillery anaerobic digestion residues: A new opportunity for sweet potato fertilization. *Scientia Horticulturae*, **2017**, 225, 38-47	4.1	5
13	Vegetable Intercropping in a Small-Scale Aquaponic System. *Agronomy*, **2017**, 7, 63	3.6	12
12	Treatment performance and greenhouse gas emission of a pilot hybrid constructed wetland system treating digestate liquid fraction. *Ecological Engineering*, **2016**, 94, 406-417	3.9	27
11	Sorghum Biomass Production for Energy Purpose Using Treated Urban Wastewater and Different Fertilization in a Mediterranean Environment. *Agriculture (Switzerland)*, **2016**, 6, 67	3	9
10	Evaluation of variability to drought and saline stress through the germination of different ecotypes of carob (Ceratonia siliqua L.) using a hydrotime model. *Ecological Engineering*, **2016**, 95, 557-566	3.9	26
9	Comparison of carbon balance in Mediterranean pilot constructed wetlands vegetated with different C4 plant species. *Environmental Science and Pollution Research*, **2015**, 22, 2372-83	5.1	29
8	Effect of injection depth of digestate liquid fraction on soil carbon dioxide emission and maize biomass production. *Italian Journal of Agronomy*, **2015**, 10, 6	1.4	12
7	Effects of olive mill wastewater physico-chemical treatments on polyphenol abatement and Italian ryegrass (Lolium multiflorum Lam.) germinability. *Water Research*, **2014**, 52, 275-81	12.5	41
6	Carbon dioxide emissions from horizontal sub-surface constructed wetlands in the Mediterranean Basin. *Ecological Engineering*, **2014**, 64, 57-61	3.9	19
5	Lolium multiflorum Lam. cvs germination under simulated olive mill wastewater salinity and pH stress. *Ecological Engineering*, **2014**, 71, 113-117	3.9	15
4	Biomass production and soil organic carbon accumulation in a free water surface constructed wetland treating agricultural wastewater in North Eastern Italy. *Ecological Engineering*, **2014**, 70, 422-428	3.9	18

3	Role of C3 plant species on carbon dioxide and methane emissions in Mediterranean constructed wetland. *Italian Journal of Agronomy*, **2014**, 9, 120	1.4	22
2	Effects of spreading olive mill wastewater on soil properties and crops, a review. *Agricultural Water Management*, **2013**, 119, 43-53	5.9	133
1	Smart fertilizers: what should we mean and where should we go?. *Italian Journal of Agronomy*,	1.4	3