Carmine Crecchio

List of Publications by Year
in descending order

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52 papers	3,124 citations	236833 25 h-index	189801 50 g-index
52 all docs	52 docs citations	52 times ranked	4370 citing authors

#	Article	IF	Citations
1	Shifts in the Rhizosphere and Endosphere Colonizing Bacterial Communities Under Drought and Salinity Stress as Affected by a Biofertilizer Consortium. Microbial Ecology, 2022, 84, 483-495.	1.4	16
2	Differential olive grove management regulates the levels of primary metabolites in xylem sap. Plant and Soil, 2021, 460, 281-296.	1.8	8
3	Bioinoculants as Promising Complement of Chemical Fertilizers for a More Sustainable Agricultural Practice. Frontiers in Sustainable Food Systems, 2021, 4, .	1.8	19
4	Combined Effect of Laboratory-Simulated Fire and Chromium Pollution on Microbial Communities in an Agricultural Soil. Biology, 2021, 10, 587.	1.3	5
5	Metadata Analysis to Evaluate Environmental Impacts of Wheat Residues Burning on Soil Quality in Developing and Developed Countries. Sustainability, 2021, 13, 6356.	1.6	9
6	Photosynthetic responses of durum wheat to chemical/microbiological fertilization management under salt and drought stresses. Acta Physiologiae Plantarum, 2021, 43, 1.	1.0	21
7	Fire effects on the distribution and bioavailability of potentially toxic elements (PTEs) in agricultural soils. Chemosphere, 2021, 281, 130752.	4.2	34
8	Isolation of Bacteria with Potential Plant-Promoting Traits and Optimization of Their Growth Conditions. Current Microbiology, 2021, 78, 464-478.	1.0	25
9	Comparative Genomics and In Vitro Plant Growth Promotion and Biocontrol Traits of Lactic Acid Bacteria from the Wheat Rhizosphere. Microorganisms, 2021, 9, 78.	1.6	24
10	Ameliorative Effects of PGPB on Yield, Physiological Parameters, and Nutrient Transporter Genes Expression in Barattiere (Cucumis melo L.). Journal of Soil Science and Plant Nutrition, 2020, 20, 784-793.	1.7	30
11	Study of the influence of technological coadjuvants on enzyme activities and phenolic and volatile compounds in virgin olive oil by a response surface methodology approach. LWT - Food Science and Technology, 2020, 133, 109887.	2.5	7
12	Soil fertility and bacterial community composition in a semiarid Mediterranean agricultural soil under longâ€term tillage management. Soil Use and Management, 2020, 36, 604-615.	2.6	12
13	Changes in Photo-Protective Energy Dissipation of Photosystem II in Response to Beneficial Bacteria Consortium in Durum Wheat under Drought and Salinity Stresses. Applied Sciences (Switzerland), 2020, 10, 5031.	1.3	15
14	Short-Term Effects of Sewage Sludge Compost Amendment on Semiarid Soil. Soil Systems, 2020, 4, 48.	1.0	20
15	Genetic Diversity of Soil Bacteria. Diversity, 2020, 12, 414.	0.7	1
16	Soil management under tomato-wheat rotation increases the suppressive response against Fusarium wilt and tomato shoot growth by changing the microbial composition and chemical parameters. Applied Soil Ecology, 2020, 154, 103601.	2.1	27
17	Effects of plant growth promoting microorganisms inoculums on mineral nutrition, growth and productivity of rice (Oryza sativa L.). Journal of Plant Nutrition, 2020, 43, 1643-1660.	0.9	26
18	The metabolic and genetic diversity of soil bacterial communities depends on the soil management system and C/N dynamics: The case of sustainable and conventional olive groves. Applied Soil Ecology, 2019, 137, 21-28.	2.1	24

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19	Soil Biological Fertility and Bacterial Community Response to Land Use Intensity: A Case Study in the Mediterranean Area. Diversity, 2019, 11, 211.	0.7	15
20	Evaluation of the possible persistence of potential human pathogenic bacteria in olive orchards irrigated with treated urban wastewater. Science of the Total Environment, 2019, 658, 763-767.	3.9	21
21	Microbial-based soil quality indicators in irrigated and rainfed soil portions of Mediterranean olive and peach orchards under sustainable management. Agricultural Water Management, 2018, 195, 172-179.	2.4	20
22	Olive orchard microbiome: characterisation of bacterial communities in soil-plant compartments and their comparison between sustainable and conventional soil management systems. Plant Ecology and Diversity, 2018, 11, 597-610.	1.0	46
23	Beneficial Soil Microbiome for Sustainable Agriculture Production. Sustainable Agriculture Reviews, 2018, , 443-481.	0.6	27
24	Solubilization of insoluble zinc compounds by zinc solubilizing bacteria (ZSB) and optimization of their growth conditions. Environmental Science and Pollution Research, 2018, 25, 25862-25868.	2.7	49
25	Metabolic and genetic patterns of soil microbial communities in response to different amendments under organic farming system. Geoderma, 2017, 296, 79-85.	2.3	23
26	Degradation of citrate promotes copper co-precipitation within aluminium-(hydr)oxides in calcareous soils. Biology and Fertility of Soils, 2017, 53, 115-128.	2.3	3
27	Impact of long term soil management practices on the fertility andweed flora of an almond orchard. Turk Tarim Ve Ormancilik Dergisi/Turkish Journal of Agriculture and Forestry, 2016, 40, 194-202.	0.8	11
28	Transcriptional reprogramming and phenotypic switching associated with the adaptation of Lactobacillus plantarum C2 to plant niches. Scientific Reports, 2016, 6, 27392.	1.6	34
29	Characterization of plant growth promoting traits of bacterial isolates from the rhizosphere of barley (Hordeum vulgare L.) and tomato (Solanum lycopersicon L.) grown under Fe sufficiency and deficiency. Plant Physiology and Biochemistry, 2016, 107, 187-196.	2.8	58
30	Profile of microbial communities on carbonate stones of the medieval church of San Leonardo di Siponto (Italy) by Illumina-based deep sequencing. Applied Microbiology and Biotechnology, 2016, 100, 8537-8548.	1.7	47
31	The interaction between iron nutrition, plant species and soil type shapes the rhizosphere microbiome. Plant Physiology and Biochemistry, 2016, 99, 39-48.	2.8	182
32	Phyllosphere and Carposphere Bacterial Communities in Olive Plants Subjected to Different Cultural Practices. International Journal of Plant Biology, 2015, 6, 6011.	1.1	26
33	Plant-microorganism-soil interactions influence the Fe availability in the rhizosphere of cucumber plants. Plant Physiology and Biochemistry, 2015, 87, 45-52.	2.8	96
34	Microbial interactions in the rhizosphere: beneficial influences of plant growth-promoting rhizobacteria on nutrient acquisition process. A review. Biology and Fertility of Soils, 2015, 51, 403-415.	2.3	658
35	Microbial 16S gene-based composition of a sorghum cropped rhizosphere soil under different fertilization managements. Biology and Fertility of Soils, 2015, 51, 661-672.	2.3	41
36	Rhizosphere microbial diversity as influenced by humic substance amendments and chemical composition of rhizodeposits. Journal of Geochemical Exploration, 2013, 129, 82-94.	1.5	54

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37	Biological and Biotechnological Evaluation of Carbon Dynamics in Field Experiments. , 2012, , 209-228.		0
38	Duodenal and faecal microbiota of celiac children: molecular, phenotype and metabolome characterization. BMC Microbiology, 2011, 11, 219.	1.3	251
39	Genetic, Functional, and Metabolic Responses of Soil Microbiota in a Sustainable Olive Orchard. Soil Science, 2010, 175, 81-88.	0.9	42
40	Changes in composition and activity of soil microbial communities in peach and kiwifruit Mediterranean orchards under an innovative management system. Soil Research, 2010, 48, 266.	0.6	11
41	Different Fecal Microbiotas and Volatile Organic Compounds in Treated and Untreated Children with Celiac Disease. Applied and Environmental Microbiology, 2009, 75, 3963-3971.	1.4	131
42	Effects of a humic acid and its size-fractions on the bacterial community of soil rhizosphere under maize (Zea mays L.). Chemosphere, 2009, 77, 829-837.	4.2	63
43	Soil microbial dynamics and genetic diversity in soil under monoculture wheat grown in different long-term management systems. Soil Biology and Biochemistry, 2007, 39, 1391-1400.	4.2	52
44	Changes in chemical and biological soil properties as induced by anthropogenic disturbance: A case study of an agricultural soil under recurrent flooding by wastewaters. Soil Biology and Biochemistry, 2006, 38, 2069-2080.	4.2	61
45	Binding of DNA fromBacillus subtilison Montmorillonite-Humic Acids-Aluminum or Iron Hydroxypolymers. Soil Science Society of America Journal, 2005, 69, 834-841.	1.2	65
46	Heat Shock Response in Lactobacillus plantarum. Applied and Environmental Microbiology, 2004, 70, 1336-1346.	1.4	141
47	Functional and molecular responses of soil microbial communities under differing soil management practices. Soil Biology and Biochemistry, 2004, 36, 1873-1883.	4.2	125
48	Effects of municipal solid waste compost amendments on soil enzyme activities and bacterial genetic diversity. Soil Biology and Biochemistry, 2004, 36, 1595-1605.	4.2	171
49	Molecular approaches to investigate herbicide-induced bacterial community changes in soil microcosms. Biology and Fertility of Soils, 2001, 33, 460-466.	2.3	27
50	Short-term effects of municipal solid waste compost amendments on soil carbon and nitrogen content, some enzyme activities and genetic diversity. Biology and Fertility of Soils, 2001, 34, 311-318.	2.3	174
51	Fractionation of sugar beet pulp into pectin, cellulose, and arabinose by arabinases combined with ultrafiltration. , 1999, 64, 685-691.		45
52	Identification of the mutation responsible for a case of plasmatic apolipoprotein CII deficiency (Apo) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	£.0	31