

Maria Teresa Ceccherini

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4436296/publications.pdf>

Version: 2024-02-01

57
papers

4,378
citations

159585
30
h-index

155660
55
g-index

58
all docs

58
docs citations

58
times ranked

5561
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil microbiome biomass, activity, composition and CO ₂ emissions in a long-term organic and conventional farming systems. <i>Soil Use and Management</i> , 2023, 39, 588-605.	4.9	6
2	Oral <i>Lactobacillus</i> Species in Systemic Sclerosis. <i>Microorganisms</i> , 2021, 9, 1298.	3.6	4
3	The extracellular DNA can baffle the assessment of soil bacterial community, but the effect varies with microscale spatial distribution. <i>FEMS Microbiology Letters</i> , 2021, 368, .	1.8	4
4	Physical protection of extracellular and intracellular DNA in soil aggregates against simulated natural oxidative processes. <i>Applied Soil Ecology</i> , 2021, 165, 104002.	4.3	12
5	Preliminary evidences of the presence of extracellular DNA single stranded forms in soil. <i>PLoS ONE</i> , 2020, 15, e0227296.	2.5	7
6	Beyond microbial diversity for predicting soil functions: A mini review. <i>Pedosphere</i> , 2020, 30, 5-17.	4.0	85
7	Response of Soil Bacterial Community to Application of Organic and Inorganic Phosphate Based Fertilizers under <i>Vicia faba</i> L. Cultivation at Two Different Phenological Stages. <i>Sustainability</i> , 2020, 12, 9706.	3.2	9
8	Soil Pollution from Micro- and Nanoplastic Debris: A Hidden and Unknown Biohazard. <i>Sustainability</i> , 2020, 12, 7255.	3.2	70
9	Rhizosphere as Hotspot for Plant-Soil-Microbe Interaction. , 2020, , 17-43.		26
10	Soil carbon dioxide emission flux from organic and conventional farming in a long term experiment in Tuscany. , 2019, , .		2
11	Effect of Mediterranean Diet Enriched in High Quality Extra Virgin Olive Oil on Oxidative Stress, Inflammation and Gut Microbiota in Obese and Normal Weight Adult Subjects. <i>Frontiers in Pharmacology</i> , 2019, 10, 1366.	3.5	72
12	Immediate- and Short-term Wildfire Impact on Soil Microbial Diversity and Activity in a Mediterranean Forest Soil. <i>Soil Science</i> , 2019, 184, 35-42.	0.9	15
13	Chemical and microbiological changes in Norway spruce deadwood during the early stage of decomposition as a function of exposure in an alpine setting. <i>Arctic, Antarctic, and Alpine Research</i> , 2018, 50, .	1.1	6
14	Nannipieri, P., Ascher, J., Ceccherini, M.T., Landi, L., Pietramellara, G. & Renella, G. 2003. Microbial diversity and soil functions. <i>European Journal of Soil Science</i> , 54, 655-670.. <i>European Journal of Soil Science</i> , 2017, 68, 2-5.	3.9	19
15	Microbial diversity and soil functions. <i>European Journal of Soil Science</i> , 2017, 68, 12-26.	3.9	268
16	Physico-chemical and microbiological evidence of exposure effects on <i>Picea abies</i> – Coarse woody debris at different stages of decay. <i>Forest Ecology and Management</i> , 2017, 391, 376-389.	3.2	37
17	Impact of chlortetracycline and sulfapyridine antibiotics on soil enzyme activities. <i>International Agrophysics</i> , 2017, 31, 499-505.	1.7	38
18	Seasonal variation and distribution of total and active microbial community of Î ² -glucosidase encoding genes in coniferous forest soil. <i>Soil Biology and Biochemistry</i> , 2017, 105, 71-80.	8.8	46

#	ARTICLE	IF	CITATIONS
19	Amino Acid: Its Dual Role as Nutrient and Scavenger of Free Radicals in Soil. Sustainability, 2017, 9, 1402.	3.2	55
20	Assessment of some cultural experimental methods to study the effects of antibiotics on microbial activities in a soil: An incubation study. PLoS ONE, 2017, 12, e0180663.	2.5	44
21	Protease encoding microbial communities and protease activity of the rhizosphere and bulk soils of two maize lines with different N uptake efficiency. Soil Biology and Biochemistry, 2016, 96, 176-179.	8.8	49
22	Evaluation of the Performances of Ribosomal Database Project (RDP) Classifier for Taxonomic Assignment of 16S rRNA Metabarcoding Sequences Generated from Illumina-Solexa NGS. Journal of Genomics, 2015, 3, 36-39.	0.9	59
23	Enzyme activity and microbial community structure in the rhizosphere of two maize lines differing in N use efficiency. Plant and Soil, 2015, 387, 413-424.	3.7	36
24	Exploring the dynamics of bacterial community composition in soil: the pan-bacteriome approach. Antonie Van Leeuwenhoek, 2015, 107, 785-797.	1.7	8
25	Maize lines with different nitrogen use efficiency select bacterial communities with different Î ² -glucosidase-encoding genes and glucosidase activity in the rhizosphere. Biology and Fertility of Soils, 2015, 51, 995-1004.	4.3	40
26	A simplified rapid, low-cost and versatile DNA-based assessment of soil microbial biomass. Ecological Indicators, 2014, 45, 75-82.	6.3	79
27	Microbial community development and unseen diversity recovery in inoculated sterile soil. Biology and Fertility of Soils, 2014, 50, 1069-1076.	4.3	53
28	Upward movement of Verticillium dahliae from soil to olive plants detected by qPCR. World Journal of Microbiology and Biotechnology, 2013, 29, 1961-1967.	3.6	5
29	Cattle impact on composition of archaeal, bacterial, and fungal communities by comparative fingerprinting of total and extracellular DNA. Biology and Fertility of Soils, 2013, 49, 351-361.	4.3	15
30	Molecular discrimination of bacteria (organic versus mineral soil layers) of dry woodlands of Argentina. Journal of Arid Environments, 2012, 85, 18-26.	2.4	11
31	Are humus forms, mesofauna and microflora in subalpine forest soils sensitive to thermal conditions?. Biology and Fertility of Soils, 2012, 48, 709-725.	4.3	57
32	Microbial dynamics in Mediterranean Moder humus. Biology and Fertility of Soils, 2012, 48, 259-270.	4.3	26
33	Evaluation of the denaturing gradient gel electrophoresis-apparatus as a parameter influencing soil microbial community fingerprinting. World Journal of Microbiology and Biotechnology, 2010, 26, 1721-1726.	3.6	15
34	Leaching and transformability of transgenic DNA in unsaturated soil columns. Ecotoxicology and Environmental Safety, 2010, 73, 67-72.	6.0	19
35	Long-term persistence and bacterial transformation potential of transplastomic plant DNA in soil. Research in Microbiology, 2010, 161, 326-334.	2.1	12
36	Experimental discrimination and molecular characterization of the extracellular soil DNA fraction. Antonie Van Leeuwenhoek, 2009, 96, 653-657.	1.7	35

#	ARTICLE	IF	CITATIONS
37	Extracellular DNA in soil and sediment: fate and ecological relevance. <i>Biology and Fertility of Soils</i> , 2009, 45, 219-235.	4.3	408
38	Composition, biomass and activity of microflora, and leaf yields and foliar elemental concentrations of lettuce, after in situ stabilization of an arsenic-contaminated soil. <i>Applied Soil Ecology</i> , 2009, 41, 351-359.	4.3	63
39	Sequential extraction and genetic fingerprinting of a forest soil metagenome. <i>Applied Soil Ecology</i> , 2009, 42, 176-181.	4.3	74
40	Field detection and quantification of extracellular DNA. <i>Journal of Plant Nutrition and Soil Science</i> , 2009, 172, 626-629.	1.9	9
41	Long-term effects of aided phytostabilisation of trace elements on microbial biomass and activity, enzyme activities, and composition of microbial community in the Jales contaminated mine spoils. <i>Environmental Pollution</i> , 2008, 152, 702-712.	7.5	66
42	Vertical advection of extracellular DNA by water capillarity in soil columns. <i>Soil Biology and Biochemistry</i> , 2007, 39, 158-163.	8.8	31
43	Adsorption of pure and dirty bacterial DNA on clay minerals and their transformation frequency. <i>Biology and Fertility of Soils</i> , 2007, 43, 731-739.	4.3	63
44	The effect of pharmaceutical waste-fungal biomass, treated to degrade DNA, on the composition of eubacterial and ammonia oxidizing populations of soil. <i>Biology and Fertility of Soils</i> , 2007, 44, 299-306.	4.3	18
45	Purification and isotopic signatures ($\delta^{13}C$, $\delta^{15}N$, $\delta^{14}C$) of soil extracellular DNA. <i>Biology and Fertility of Soils</i> , 2007, 44, 353-361.	4.3	33
46	Direct molecular biological analysis of ammonia oxidising bacteria populations in cultivated soil plots treated with swine manure. <i>FEMS Microbiology Ecology</i> , 2006, 23, 45-54.	2.7	105
47	Phosphomonoesterase production and persistence and composition of bacterial communities during plant material decomposition in soils with different pH values. <i>Soil Biology and Biochemistry</i> , 2006, 38, 795-802.	8.8	54
48	Persistence of transgenic and not transgenic extracellular DNA in soil and bacterial transformation. <i>Theoretical Biology Forum</i> , 2006, 99, 37-68.	0.2	7
49	Hydrolase activity, microbial biomass and community structure in long-term Cd-contaminated soils. <i>Soil Biology and Biochemistry</i> , 2004, 36, 443-451.	8.8	100
50	Distribution of microbial communities in a forest soil profile investigated by microbial biomass, soil respiration and DGGE of total and extracellular DNA. <i>Soil Biology and Biochemistry</i> , 2004, 36, 859-868.	8.8	272
51	Microbial diversity and soil functions. <i>European Journal of Soil Science</i> , 2003, 54, 655-670.	3.9	1,496
52	Fate and transport of antibiotic resistance genes in saturated soil columns. <i>European Journal of Soil Biology</i> , 2003, 39, 65-71.	3.2	75
53	Degradation and Transformability of DNA from Transgenic Leaves. <i>Applied and Environmental Microbiology</i> , 2003, 69, 673-678.	3.1	92
54	Use of random amplified polymorphic DNA markers for the detection of <i>Azospirillum</i> strains in soil microcosms. <i>Applied Microbiology and Biotechnology</i> , 1998, 49, 221-225.	3.6	15

#	ARTICLE	IF	CITATIONS
55	Effects of swine manure fertilization on autotrophic ammonia oxidizing bacteria in soil. Applied Soil Ecology, 1998, 7, 149-157.	4.3	26
56	Direct molecular biological analysis of ammonia oxidising bacteria populations in cultivated soil plots treated with swine manure. FEMS Microbiology Ecology, 1997, 23, 45-54.	2.7	8
57	Phylogeny of the genus based on 16S rDNA sequence. FEMS Microbiology Letters, 1995, 129, 195-200.	1.8	19