Marco Contin

List of Publications by Year
in descending order

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42 papers	1,452 citations	430754 18 h-index	315616 38 g-index
44 all docs	44 docs citations	44 times ranked	1951 citing authors

#	Article	IF	Citations
1	Soil microbial biomass is triggered into activity by trace amounts of substrate. Soil Biology and Biochemistry, 2001, 33, 1163-1170.	4.2	403
2	Influence of inorganic and organic fertilization on soil microbial biomass, metabolic quotient and heavy metal bioavailability. Biology and Fertility of Soils, 1999, 28, 371-376.	2.3	133
3	Fluorescein diacetate hydrolysis, respiration and microbial biomass in freshly amended soils. Biology and Fertility of Soils, 2008, 44, 885-890.	2.3	85
4	The ATP concentration in the soil microbial biomass. Soil Biology and Biochemistry, 2001, 33, 701-704.	4.2	84
5	Enhanced soil toxic metal fixation in iron (hydr)oxides by redox cycles. Geoderma, 2007, 140, 164-175.	2.3	83
6	Microbial biomass dynamics in recently air-dried and rewetted soils compared to others stored air-dry for up to 103 years. Soil Biology and Biochemistry, 2006, 38, 2871-2881.	4.2	70
7	Soil humic acids may favour the persistence of hexavalent chromium in soil. Environmental Pollution, 2009, 157, 1862-1866.	3.7	59
8	The mineralisation of fresh and humified soil organic matter by the soil microbial biomass. Waste Management, 2008, 28, 716-722.	3.7	51
9	Response of microbial biomass to air-drying and rewetting in soils and compost. Geoderma, 2002, 105, 111-124.	2.3	46
10	Microbiological resilience of soils contaminated with crude oil. Geoderma, 2004, 121, 17-30.	2.3	44
11	Bioaccumulation of polycyclic aromatic hydrocarbons and survival of earthworms (Eisenia andrei) exposed to biochar amended soils. Environmental Science and Pollution Research, 2016, 23, 3491-3502.	2.7	39
12	Biostimulant Action of Dissolved Humic Substances From a Conventionally and an Organically Managed Soil on Nitrate Acquisition in Maize Plants. Frontiers in Plant Science, 2019, 10, 1652.	1.7	33
13	Temperature changes and the ATP concentration of the soil microbial biomass. Soil Biology and Biochemistry, 2000, 32, 1219-1225.	4.2	31
14	Immobilisation of soil toxic metals by repeated additions of Fe(II) sulphate solution. Geoderma, 2008, 147, 133-140.	2.3	28
15	Effects of natural zeolites on ryegrass growth and bioavailability of Cd, Ni, Pb, and Zn in an Albanian contaminated soil. Journal of Soils and Sediments, 2019, 19, 4052-4062.	1.5	24
16	Benthic nutrient cycling at the sediment-water interface in a lagoon fish farming system (northern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.9	23
17	Stand age, degree of encroachment and soil characteristics modulate changes of C and N cycles in dry grassland soils invaded by the N2-fixing shrub Amorpha fruticosa. Science of the Total Environment, 2021, 792, 148295.	3.9	21
18	Assessment of chemical and biochemical stabilization of organic C in soils from the long-term experiments at Rothamsted (UK). Waste Management, 2008, 28, 723-733.	3.7	20

#	Article	IF	Citations
19	Land application of aerobic sewage sludge does not impair methane oxidation rates of soils. Science of the Total Environment, 2012, 441, 10-18.	3.9	19
20	Changes in soil humic pools after soil application of two-phase olive mill waste compost. Geoderma, 2013, 192, 21-30.	2.3	17
21	ALTERNATIVE METHOD FOR CARBOXYL GROUP DETERMINATION IN HUMIC SUBSTANCES. Canadian Journal of Soil Science, 1990, 70, 531-536.	0.5	16
22	Evaluation of mercury biogeochemical cycling at the sedimentâ€“water interface in anthropogenically modified lagoon environments. Journal of Environmental Sciences, 2018, 68, 5-23.	3.2	16
23	MONITORING OF HEAVY METALS, EOX AND LAS IN SEWAGE SLUDGE FOR AGRICULTURAL USE: A CASE STUDY. Detritus, 2020, , 160-168.	0.4	15
24	Measurement of ATP in soil: correcting for incomplete recovery. Soil Biology and Biochemistry, 2002, 34, 1381-1383.	4.2	12
25	Flocculation of sewage sludge with FeCl3 modifies the bioavailability of potentially toxic elements when added to different soils. Ecological Engineering, 2015, 81, 278-288.	1.6	10
26	Comparison of two methods for extraction of ATP from soil. Soil Biology and Biochemistry, 1995, 27, 1371-1376.	4.2	9
27	Contamination by mercury affects methane oxidation capacity of aerobic arable soils. Geoderma, 2012, 189-190, 250-256.	2.3	8
28	Steel Scale Waste as a Heterogeneous Fenton-like Catalyst for the Treatment of Landfill Leachate. Industrial & Engineering Chemistry Research, 2021, 60, 11715-11724.	1.8	8
29	Evaluating the â€˜triggering responseâ€™ in soils, using 13C-glucose, and effects on dynamics of microbial biomass. Soil Biology and Biochemistry, 2020, 147, 107843.	4.2	7
30	Artificial neural network (ANN) modelling for the estimation of soil microbial biomass in vineyard soils. Biology and Fertility of Soils, 2021, 57, 145-151.	2.3	6
31	Changes in organic matter composition caused by EDTA washing of two soils contaminated with toxic metals. Environmental Science and Pollution Research, 2021, 28, 65687-65699.	2.7	6
32	A new paper sensor method for field analysis of acid volatile sulfides in soils. Environmental Toxicology and Chemistry, 2018, 37, 3025-3031.	2.2	5
33	Terrestrial-marine continuum of sedimentary natural organic matter in a mid-latitude estuarine system. Journal of Soils and Sediments, 2020, 20, 1074-1086.	1.5	5
34	Sewage sludge quality from small wastewater treatment plants. Proceedings of Institution of Civil Engineers: Waste and Resource Management, 2012, 165, 67-78.	0.9	4
35	Soil Organic Carbon and Carbonates are Binding Phases for Simultaneously Extractable Metals in Calcareous Saltmarsh Soils. Environmental Toxicology and Chemistry, 2019, 38, 2688-2697.	2.2	4
36	Thickening and Storage of Sewage Sludge Contribute to the Degradation of LAS and EOX and the Humification of Organic Matter. Water (Switzerland), 2021, 13, 933.	1.2	3

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37	Metal Binding and Sources of Humic Substances in Recent Sediments from the CananÃ©ia-Iguape Estuarine-Lagoon Complex (South-Eastern Brazil). Applied Sciences (Switzerland), 2021, 11, 8466.	1.3	3
38	MINERALIZATION/IMMOBILIZATION OF NITROGEN AND PHOSPHOROUS IN COMPOSTED GROWING MEDIA. Acta Horticulturae, 2008, , 599-606.	0.1	2
39	Reduction of odorous compounds emissions from swine slurry by electrolytic treatments and copper addition. Journal of Agricultural Engineering, 2017, 48, 12-20.	0.7	0
40	The Effect of Natural Zeolite on Reygrass Growth in a Heavy Metal Contaminated Soil. , 2017, , .		0
41	Electrochemical and Structural Modifications of Humic Acids in Aerobically and Anaerobically Incubated Peat. Land, 2021, 10, 1189.	1.2	0
42	Electron donating properties of humic acids in saltmarsh soils reflect soil geochemical characteristics. Geoderma, 2022, 419, 115872.	2.3	0