

# Marta Camps

## List of Publications by Year in descending order

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Version: 2024-02-01

45  
papers

2,330  
citations

393982

19  
h-index

264894

42  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2874  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the physical properties of pumice and biochar amendments on the soil's mobile and immobile water: implications for use in saline environments. <i>Soil Research</i> , 2022, 60, 234-241.	0.6	1
2	Biochar-based fertilizer effects on crop productivity: a meta-analysis. <i>Plant and Soil</i> , 2022, 472, 45-58.	1.8	35
3	The regulators of soil organic carbon mineralization upon lime and/or phosphate addition vary with depth. <i>Science of the Total Environment</i> , 2022, 828, 154378.	3.9	4
4	Biochar amendment improves soil physico-chemical properties and alters root biomass and the soil food web in grazed pastures. <i>Agriculture, Ecosystems and Environment</i> , 2021, 319, 107517.	2.5	20
5	Use of either pumice or willow-based biochar amendments to decrease soil salinity under arid conditions. <i>Environmental Technology and Innovation</i> , 2021, 24, 101849.	3.0	10
6	Reclamation of salt-affected soils using pumice and algal amendments: Impact on soil salinity and the growth of lucerne. <i>Environmental Technology and Innovation</i> , 2021, 24, 101867.	3.0	4
7	Biochar in climate change mitigation. <i>Nature Geoscience</i> , 2021, 14, 883-892.	5.4	263
8	Denitrification Capacity of Hill Country Wet and Dry Area Soils as Influenced by Dissolved Organic Carbon Concentration and Chemistry. <i>Wetlands</i> , 2020, 40, 681-691.	0.7	3
9	Biochar effects on crop yields with and without fertilizer: A meta-analysis of field studies using separate controls. <i>Soil Use and Management</i> , 2020, 36, 2-18.	2.6	188
10	The interactions between biochar and earthworms, and their influence on soil properties and clover growth: A 6-month mesocosm experiment. <i>Applied Soil Ecology</i> , 2020, 147, 103402.	2.1	15
11	Lime and/or Phosphate Application Affects the Stability of Soil Organic Carbon: Evidence from Changes in Quantity and Chemistry of the Soil Water-Extractable Organic Matter. <i>Environmental Science &amp; Technology</i> , 2020, 54, 13908-13916.	4.6	11
12	A biogeochemical view of the world reference base soil classification system. <i>Advances in Agronomy</i> , 2020, 160, 295-342.	2.4	7
13	Effect of forage crop establishment on dissolved organic carbon dynamics and leaching in a hill country soil. <i>Soil Use and Management</i> , 2019, 35, 453-465.	2.6	4
14	Dissolved organic carbon concentration and denitrification capacity of a hill country sub-catchment as affected by soil type and slope. <i>New Zealand Journal of Agricultural Research</i> , 2019, 62, 354-368.	0.9	8
15	The long-term role of organic amendments in building soil nutrient fertility: a meta-analysis and review. <i>Nutrient Cycling in Agroecosystems</i> , 2018, 111, 103-125.	1.1	129
16	Data on the organic matter characteristics of New Zealand soils under different land uses. <i>Data in Brief</i> , 2018, 21, 620-638.	0.5	1
17	A farm-scale investigation of the organic matter composition and soil chemistry of Andisols as influenced by land use and management. <i>Biogeochemistry</i> , 2018, 140, 65-79.	1.7	5
18	Management practices to reduce losses or increase soil carbon stocks in temperate grazed grasslands: New Zealand as a case study. <i>Agriculture, Ecosystems and Environment</i> , 2018, 265, 432-443.	2.5	73

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19	An investigation of organic matter quality and quantity in acid soils as influenced by soil type and land use. <i>Geoderma</i> , 2018, 328, 44-55.	2.3	18
20	Tephra is an effective P diffusion barrier in root exclusion experiments. <i>Plant and Soil</i> , 2017, 410, 51-61.	1.8	0
21	Net changes of soil C stocks in two grassland soils 26 months after simulated pasture renovation including biochar addition. <i>GCB Bioenergy</i> , 2016, 8, 600-615.	2.5	9
22	Factors influencing the molecular composition of soil organic matter in New Zealand grasslands. <i>Agriculture, Ecosystems and Environment</i> , 2016, 232, 290-301.	2.5	16
23	Testing an Alternative Method for Estimating the Length of Fungal Hyphae Using Photomicrography and Image Processing. <i>PLoS ONE</i> , 2016, 11, e0157017.	1.1	28
24	Research and Application of Biochar in New Zealand. <i>SSSA Special Publication Series</i> , 2015, , 423-443.	0.2	2
25	Changes in the chemical composition of soil organic matter over time in the presence and absence of living roots: a pyrolysis GC/MS study. <i>Plant and Soil</i> , 2015, 391, 161-177.	1.8	13
26	The chemical composition of native organic matter influences the response of bacterial community to input of biochar and fresh plant material. <i>Plant and Soil</i> , 2015, 395, 87-104.	1.8	17
27	Comparison of Pine Bark, Biochar and Zeolite as Sorbents for NH <sub>4</sub> <sup>+</sup> Removal from Water. <i>Clean - Soil, Air, Water</i> , 2015, 43, 86-91.	0.7	29
28	Biochar in Co-Contaminated Soil Manipulates Arsenic Solubility and Microbiological Community Structure, and Promotes Organochlorine Degradation. <i>PLoS ONE</i> , 2015, 10, e0125393.	1.1	45
29	Molecular characteristics of permanganate- and dichromate-oxidation-resistant soil organic matter from a black-C-rich colluvial soil. <i>Soil Research</i> , 2014, 52, 164.	0.6	19
30	The fate of phosphorus of ash-rich biochars in a soil-plant system. <i>Plant and Soil</i> , 2014, 375, 61-74.	1.8	86
31	Environmental benefits and risks of biochar application to soil. <i>Agriculture, Ecosystems and Environment</i> , 2014, 191, 1-4.	2.5	27
32	Fate of biochar in chemically- and physically-defined soil organic carbon pools. <i>Organic Geochemistry</i> , 2014, 73, 35-46.	0.9	25
33	Determination of carbonate-C in biochars. <i>Soil Research</i> , 2014, 52, 495.	0.6	49
34	Assessing Biochar Stability Indices Using near Infrared Spectroscopy. <i>Journal of Near Infrared Spectroscopy</i> , 2014, 22, 313-328.	0.8	15
35	Effect of biochar on soil physical properties in two contrasting soils: An Alfisol and an Andisol. <i>Geoderma</i> , 2013, 209-210, 188-197.	2.3	492
36	Predicting C aromaticity of biochars based on their elemental composition. <i>Organic Geochemistry</i> , 2013, 62, 1-6.	0.9	62

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37	Chemical and bioassay characterisation of nitrogen availability in biochar produced from dairy manure and biosolids. <i>Organic Geochemistry</i> , 2012, 51, 45-54.	0.9	112
38	Predicting phosphorus bioavailability from high-ash biochars. <i>Plant and Soil</i> , 2012, 357, 173-187.	1.8	257
39	Physical protection of soil organic matter following mechanized forest operations in <i>Pinus radiata</i> D. Don plantations. <i>Soil Biology and Biochemistry</i> , 2011, 43, 141-149.	4.2	14
40	Oxidability of Soil Organic Matter of Forest Soils Assessed Using 33 mM of Potassium Permanganate. <i>Soil Science</i> , 2011, 176, 175-182.	0.9	0
41	Influence of Agricultural Practices on the Stability of Organo-Al Complexes in an Alu-Andic Andosol. <i>Soil Science</i> , 2010, 175, 390-397.	0.9	10
42	Soil carbon sequestration in a changing global environment. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2010, 15, 511-529.	1.0	84
43	Changes in Heavy Metal Concentrations in Acid Soils Under Pine Stands Subjected to Repeated Applications of Biosolids. <i>Soil Science</i> , 2009, 174, 372-379.	0.9	8
44	Biodegradation of $\hat{1}^3$ -Hexachlorocyclohexane (Lindane) and $\hat{1}\pm$ -Hexachlorocyclohexane in Water and a Soil Slurry by a <i>Pandora</i> Species. <i>Journal of Agricultural and Food Chemistry</i> , 2002, 50, 2548-2555.	2.4	107
45	Soil organic carbon in northern Spain (Galicia, Asturias, Cantabria and PaÃs Vasco). <i>Spanish Journal of Soil Science</i> , 0, 5, .	0.0	5