Jose Luis Moreno Ortego

List of Publications by Year
in descending order

65 papers	3,963 citations	109321 35 h-index	123424 61 g-index
65 all docs	65 docs citations	65 times ranked	4812 citing authors

#	Article	IF	Citations
1	Response of soil chemical properties, enzyme activities and microbial communities to biochar application and climate change in a Mediterranean agroecosystem. Geoderma, 2022, 407, 115536.	5.1	17
2	Interactive impacts of boron and organic amendments in plant-soil microbial relationships. Journal of Hazardous Materials, 2021, 408, 124939.	12.4	19
3	Global homogenization of the structure and function in the soil microbiome of urban greenspaces. Science Advances, 2021, 7, .	10.3	83
4	Structure and function of bacterial metaproteomes across biomes. Soil Biology and Biochemistry, 2021, 160, 108331.	8.8	3
5	Organic amendments exacerbate the effects of silver nanoparticles on microbial biomass and community composition of a semiarid soil. Science of the Total Environment, 2020, 744, 140919.	8.0	12
6	Environmentally relevant concentrations of silver nanoparticles diminish soil microbial biomass but do not alter enzyme activities or microbial diversity. Journal of Hazardous Materials, 2020, 391, 122224.	12.4	33
7	Land use shapes the resistance of the soil microbial community and the C cycling response to drought in a semi-arid area. Science of the Total Environment, 2019, 648, 1018-1030.	8.0	20
8	Global ecological predictors of the soil priming effect. Nature Communications, 2019, 10, 3481.	12.8	148
9	Boron in soil: The impacts on the biomass, composition and activity of the soil microbial community. Science of the Total Environment, 2019, 685, 564-573.	8.0	47
10	A soilâ€quality index for soil from Mediterranean forests. European Journal of Soil Science, 2019, 70, 1001-1011.	3.9	16
11	Agro-forestry management of Paulownia plantations and their impact on soil biological quality: The effects of fertilization and irrigation treatments. Applied Soil Ecology, 2017, 117-118, 46-56.	4.3	19
12	Plant-plant competition outcomes are modulated by plant effects on the soil bacterial community. Scientific Reports, 2017, 7, 17756.	3.3	66
13	Compost, leonardite, and zeolite impacts on soil microbial community under barley crops. Journal of Soil Science and Plant Nutrition, 2017, , 0-0.	3.4	9
14	Olive mill waste: recent advances for the sustainable development of olive oil industry. , 2017, , 29-56.		26
15	Use of compost as an alternative to conventional inorganic fertilizers in intensive lettuce (Lactuca) Tj ETQq1 1 0.784314 rgBT /Overlo	5.6	102
16	The active microbial diversity drives ecosystem multifunctionality and is physiologically related to carbon availability in Mediterranean semiâ€arid soils. Molecular Ecology, 2016, 25, 4660-4673.	3.9	151
17	The inorganic component of green roof substrates impacts the growth of Mediterranean plant species as well as the C and N sequestration potential. Ecological Indicators, 2016, 61, 739-752.	6.3	21
18	The composition and depth of green roof substrates affect the growth of Silene vulgaris and Lagurus ovatus species and the C and N sequestration under two irrigation conditions. Journal of Environmental Management, 2016, 166, 330-340.	7.8	34

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19	Benefactor and allelopathic shrub species have different effects on the soil microbial community along an environmental severity gradient. Soil Biology and Biochemistry, 2015, 88, 48-57.	8.8	44
20	Deforestation fosters bacterial diversity and the cyanobacterial community responsible for carbon fixation processes under semiarid climate: a metaproteomics study. Applied Soil Ecology, 2015, 93, 65-67.	4.3	27
21	Evaluating the growth of several Mediterranean endemic species in artificial substrates: Are these species suitable for their future use in green roofs?. Ecological Engineering, 2015, 81, 405-417.	3.6	28
22	Assessment of Aquifer Vulnerability in an Agricultural Area in Spain Using the DRASTIC Model. Environmental Forensics, 2015, 16, 356-373.	2.6	15
23	Microbiological and biochemical properties of artificial substrates: A preliminary study of its application as Technosols or as a basis in Green Roof Systems. Ecological Engineering, 2014, 70, 189-199.	3.6	44
24	Characterization of the microbial community in biological soil crusts dominated by Fulgensia desertorum (Tomin) Poelt and Squamarina cartilaginea (With.) P. James and in the underlying soil. Soil Biology and Biochemistry, 2014, 76, 70-79.	8.8	30
25	ORGANIC WASTES AS ALTERNATIVE TO INORGANIC FERTILIZERS IN CROP CULTIVATION. Acta Horticulturae, 2014, , 371-376.	0.2	0
26	Response of Soil Microbial Community to a High Dose of Fresh Olive Mill Wastewater. Pedosphere, 2013, 23, 281-289.	4.0	9
27	Soil microbial community under a nurse-plant species changes in composition, biomass and activity as the nurse grows. Soil Biology and Biochemistry, 2013, 64, 139-146.	8.8	102
28	Effects of organic amendments on soil carbon fractions, enzyme activity and humusâ€“enzyme complexes under semi-arid conditions. European Journal of Soil Biology, 2012, 53, 94-102.	3.2	52
29	Soil microbial community structure and activity in monospecific and mixed forest stands, under Mediterranean humid conditions. Plant and Soil, 2012, 354, 359-370.	3.7	77
30	Microbial activity in soils under fast-growing Paulownia (Paulownia elongata x fortunei) plantations in Mediterranean areas. Applied Soil Ecology, 2011, 51, 42-51.	4.3	21
31	The effects of human trampling on the microbiological properties of soil and vegetation in mediterranean mountain areas. Land Degradation and Development, 2011, 22, 383-394.	3.9	44
32	Use of Microbial Activity and Community Structure Shifts to Estimate the Toxicological Risk of Heavy Metal Pollution in Soils with Different Organic Matter Contents. Environmental Science and Engineering, 2011, , 149-166.	0.2	1
33	Influence of forest cover and herbaceous vegetation on the microbiological and biochemical properties of soil under Mediterranean humid climate. European Journal of Soil Biology, 2010, 46, 273-279.	3.2	23
34	Tracing Changes in the Microbial Community of a Hydrocarbon-Polluted Soil by Culture-Dependent Proteomics. Pedosphere, 2010, 20, 479-485.	4.0	27
35	Evaluation of Microbial Community Activity, Abundance and Structure in a Semiarid Soil Under Cadmium Pollution at Laboratory Level. Water, Air, and Soil Pollution, 2009, 203, 229-242.	2.4	16
36	Soil metaproteomics: a review of an emerging environmental science. Significance, methodology and perspectives. European Journal of Soil Science, 2009, 60, 845-859.	3.9	103

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37	Soil organic carbon buffers heavy metal contamination on semiarid soils: Effects of different metal threshold levels on soil microbial activity. European Journal of Soil Biology, 2009, 45, 220-228.	3.2	58
38	Thermostability of Selected Enzymes in Organic Wastes and in their Humic Extract. Applied Biochemistry and Biotechnology, 2008, 149, 277-286.	2.9	3
39	Relationship between the Agricultural Management of a Semiâ€arid Soil and Microbiological Quality. Communications in Soil Science and Plant Analysis, 2008, 39, 421-439.	1.4	6
40	Application of fresh and composted organic wastes modifies structure, size and activity of soil microbial community under semiarid climate. Applied Soil Ecology, 2008, 40, 318-329.	4.3	279
41	Soil amendments with organic wastes reduce the toxicity of nickel to soil enzyme activities. European Journal of Soil Biology, 2008, 44, 129-140.	3.2	58
42	Effects of atrazine on microbial activity in semiarid soil. Applied Soil Ecology, 2007, 35, 120-127.	4.3	77
43	The long-term effects of the management of a forest soil on its carbon content, microbial biomass and activity under a semi-arid climate. Applied Soil Ecology, 2007, 37, 53-62.	4.3	86
44	Addition of Urban Waste to Semiarid Degraded Soil: Long-term Effect. Pedosphere, 2007, 17, 557-567.	4.0	46
45	Composting anaerobic and aerobic sewage sludges using two proportions of sawdust. Waste Management, 2007, 27, 1317-1327.	7.4	144
46	Microbial activity in non-agricultural degraded soils exposed to semiarid climate. Science of the Total Environment, 2007, 378, 183-186.	8.0	13
47	Application of two beet vinasse forms in soil restoration: Effects on soil properties in an arid environment in southern Spain. Agriculture, Ecosystems and Environment, 2007, 119, 289-298.	5.3	50
48	Molecular and physiological bacterial diversity of a semi-arid soil contaminated with different levels of formulated atrazine. Applied Soil Ecology, 2006, 34, 93-102.	4.3	67
49	Bioremediation by Composting of Heavy Oil Refinery Sludge in Semiarid Conditions. Biodegradation, 2006, 17, 251-261.	3.0	75
50	Effect of Cadmium on Microbial Activity and a Ryegrass Crop in Two Semiarid Soils. Environmental Management, 2006, 37, 626-633.	2.7	20
51	Microbiological activity in a soil 15 years after its devegetation. Soil Biology and Biochemistry, 2006, 38, 2503-2507.	8.8	85
52	Microbiological degradation index of soils in a semiarid climate. Soil Biology and Biochemistry, 2006, 38, 3463-3473.	8.8	308
53	Title is missing!. Water, Air, and Soil Pollution, 2003, 143, 289-300.	2.4	10
54	Toxic effect of cadmium and nickel on soil enzymes and the influence of adding sewage sludge. European Journal of Soil Science, 2003, 54, 377-386.	3.9	109

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55	Toxicity of cadmium to soil microbial activity: effect of sewage sludge addition to soil on the ecological dose. Applied Soil Ecology, 2002, 21, 149-158.	4.3	63
56	Persistence of immobilised and total urease and phosphatase activities in a soil amended with organic wastes. Bioresource Technology, 2002, 82, 73-78.	9.6	93
57	The ecological dose value (ED50) for assessing Cd toxicity on ATP content and dehydrogenase and urease activities of soil. Soil Biology and Biochemistry, 2001, 33, 483-489.	8.8	89
58	Influence of cadmium on the metabolic quotient, l -â€Š:â€Š d -glutamic acid respiration ratio and enzyme activityâ€Š:â€Šmicrobial biomass ratio under laboratory conditions. Biology and Fertility of Soils, 2000, 32, 8-16.	4.3	129
59	Soil microbial activity as a biomarker of degradation and remediation processes. Soil Biology and Biochemistry, 2000, 32, 1877-1883.	8.8	211
60	Effects of a cadmium-contaminated sewage sludge compost on dynamics of organic matter and microbial activity in an arid soil. Biology and Fertility of Soils, 1999, 28, 230-237.	4.3	160
61	Changes in organic matter and enzymatic activity of an agricultural soil amended with metalâ€contaminated sewage sludge compost. Communications in Soil Science and Plant Analysis, 1998, 29, 2247-2262.	1.4	10
62	Application of composted sewage sludges contaminated with heavy metals to an agricultural soil. Soil Science and Plant Nutrition, 1997, 43, 565-573.	1.9	71
63	Characterisation and evaluation of humic acids extracted from urban waste as liquid fertilisers. Journal of the Science of Food and Agriculture, 1997, 75, 481-488.	3.5	31
64	Transference of heavy metals from a calcareous soil amended with sewage-sludge compost to barley plants. Bioresource Technology, 1996, 55, 251-258.	9.6	72
65	Effect of composting on sewage sludges contaminated with heavy metals. Bioresource Technology, 1995, 53, 13-19.	9.6	51