

Beatriz Lozano García

List of Publications by Year in descending order

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Version: 2024-02-01

37
papers

1,449
citations

304602

22
h-index

345118

36
g-index

37
all docs

37
docs citations

37
times ranked

1499
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of topographic aspect and vegetation (native and reforested areas) on soil organic carbon and nitrogen budgets in Mediterranean natural areas. <i>Science of the Total Environment</i> , 2016, 544, 963-970.	3.9	132
2	Long-term effects of soil management on ecosystem services and soil loss estimation in olive grove top soils. <i>Science of the Total Environment</i> , 2016, 571, 498-506.	3.9	112
3	Topography and land use change effects on the soil organic carbon stock of forest soils in Mediterranean natural areas. <i>Agriculture, Ecosystems and Environment</i> , 2014, 195, 1-9.	2.5	90
4	Impacts of land use change in soil carbon and nitrogen in a Mediterranean agricultural area (Southern Spain). <i>Solid Earth</i> , 2013, 4, 167-177.	1.2	86
5	Soil organic carbon stocks assessment in Mediterranean natural areas: A comparison of entire soil profiles and soil control sections. <i>Journal of Environmental Management</i> , 2015, 155, 219-228.	3.8	82
6	Effects of oil mill wastes on surface soil properties, runoff and soil losses in traditional olive groves in southern Spain. <i>Catena</i> , 2011, 85, 187-193.	2.2	70
7	Climate and land use changes effects on soil organic carbon stocks in a Mediterranean semi-natural area. <i>Science of the Total Environment</i> , 2017, 579, 1249-1259.	3.9	69
8	Stratification ratio of soil organic C, N and C:N in Mediterranean evergreen oak woodland with conventional and organic tillage. <i>Agriculture, Ecosystems and Environment</i> , 2013, 164, 252-259.	2.5	68
9	Soil organic carbon along an altitudinal gradient in the Despeñaperros Natural Park, southern Spain. <i>Solid Earth</i> , 2015, 6, 125-134.	1.2	66
10	Land use and management effects on carbon and nitrogen in Mediterranean Cambisols. <i>Agriculture, Ecosystems and Environment</i> , 2013, 179, 208-214.	2.5	61
11	Management Effects on Soil Organic Carbon Stock in Mediterranean Open Rangelands "Treeless Grasslands. <i>Land Degradation and Development</i> , 2015, 26, 22-34.	1.8	55
12	Short-term effects of olive mill by-products on soil organic carbon, total N, C:N ratio and stratification ratios in a Mediterranean olive grove. <i>Agriculture, Ecosystems and Environment</i> , 2013, 165, 68-73.	2.5	51
13	VARIATION IN SOIL ORGANIC CARBON AND NITROGEN STOCKS ALONG A TOPOSEQUENCE IN A TRADITIONAL MEDITERRANEAN OLIVE GROVE. <i>Land Degradation and Development</i> , 2014, 25, 297-304.	1.8	50
14	Organic Farming Affects C and N in Soils Under Olive Groves in Mediterranean Areas. <i>Land Degradation and Development</i> , 2015, 26, 800-806.	1.8	50
15	Conventional tillage versus organic farming in relation to soil organic carbon stock in olive groves in Mediterranean rangelands (southern Spain). <i>Solid Earth</i> , 2014, 5, 299-311.	1.2	49
16	Soil quality assessment based on carbon stratification index in different olive grove management practices in Mediterranean areas. <i>Catena</i> , 2016, 137, 449-458.	2.2	43
17	Soil organic carbon distribution in Mediterranean areas under a climate change scenario via multiple linear regression analysis. <i>Science of the Total Environment</i> , 2017, 592, 134-143.	3.9	43
18	Evaluation of optical techniques for characterising soil organic matter quality in agricultural soils. <i>Soil and Tillage Research</i> , 2016, 155, 450-460.	2.6	34

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19	Organic farming has little effect on carbon stock in a Mediterranean dehesa (southern Spain). <i>Catena</i> , 2014, 113, 9-17.	2.2	33
20	Soil sampling approaches in Mediterranean agro-ecosystems. Influence on soil organic carbon stocks. <i>Catena</i> , 2017, 158, 113-120.	2.2	26
21	Effects of land management change on soil aggregates and organic carbon in Mediterranean olive groves. <i>Catena</i> , 2020, 195, 104840.	2.2	25
22	Effects of Land Management on Different Forms of Soil Carbon in Olive Groves in Mediterranean Areas. <i>Land Degradation and Development</i> , 2016, 27, 1186-1195.	1.8	24
23	Land use change effects on stratification and storage of soil carbon and nitrogen: Application to a Mediterranean nature reserve. <i>Agriculture, Ecosystems and Environment</i> , 2016, 231, 105-113.	2.5	19
24	Land use change effects on soil organic carbon store. An opportunity to soils regeneration in Mediterranean areas: Implications in the 4p1000 notion. <i>Ecological Indicators</i> , 2020, 119, 106831.	2.6	16
25	Short-term effects of land management change linked to cover crop on soil organic carbon in Mediterranean olive grove hillsides. <i>Science of the Total Environment</i> , 2020, 744, 140683.	3.9	16
26	Soil Productivity Degradation in a Long-Term Eroded Olive Orchard under Semiarid Mediterranean Conditions. <i>Agronomy</i> , 2021, 11, 812.	1.3	14
27	Changes in soil properties and soil solution nutrients due to conservation versus conventional tillage in Vertisols. <i>Archives of Agronomy and Soil Science</i> , 2014, 60, 1429-1444.	1.3	12
28	Crop Diversification Effects on Soil Aggregation and Aggregate-Associated Carbon and Nitrogen in Short-Term Rainfed Olive Groves under Semiarid Mediterranean Conditions. <i>Horticulturae</i> , 2022, 8, 618.	1.2	10
29	Long-term evaluation of the initiative 4a€° under different soil managements in Mediterranean olive groves. <i>Science of the Total Environment</i> , 2021, 758, 143591.	3.9	9
30	Effects of Management and Hillside Position on Soil Organic Carbon Stratification in Mediterranean Centenary Olive Grove. <i>Agronomy</i> , 2021, 11, 650.	1.3	8
31	Barriers and Opportunities for the Implementation of Sustainable Farming Practices in Mediterranean Tree Orchards. <i>Agronomy</i> , 2021, 11, 821.	1.3	7
32	Soil tillage effects on monovalent cations (Na ⁺ and K ⁺) in vertisols soil solution. <i>Catena</i> , 2011, 84, 61-69.	2.2	6
33	No-Tillage Does Not Always Stop the Soil Degradation in Relation to Aggregation and Soil Carbon Storage in Mediterranean Olive Orchards. <i>Agriculture (Switzerland)</i> , 2022, 12, 407.	1.4	5
34	Building an Agroecological Process towards Agricultural Sustainability: A Case Study from Southern Spain. <i>Agriculture (Switzerland)</i> , 2021, 11, 1024.	1.4	4
35	What Influence Does Conventional Tillage Have on the Ability of Soils to Sequester Carbon, Stabilise It and Become Saturated in the Medium Term? A Case Study in a Traditional Rainfed Olive Grove. <i>Sustainability</i> , 2022, 14, 7097.	1.6	2
36	A new method for studying clay soils using unaltered soil blocks. <i>Catena</i> , 2011, 87, 101-106.	2.2	1

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37	MURASOC, A Metaanalysis to Test the Effects of Independent Variables on Soil Organic Carbon: Application to Mediterranean Areas. , 2018, , 267-292.		1