

Jorge DurÃ¡n Humia

List of Publications by Year in descending order

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Version: 2024-02-01

44
papers

1,320
citations

393982

19
h-index

360668

35
g-index

44
all docs

44
docs citations

44
times ranked

1646
citing authors

#	ARTICLE	IF	CITATIONS
1	Winter climate change affects growing-season soil microbial biomass and activity in northern hardwood forests. <i>Global Change Biology</i> , 2014, 20, 3568-3577.	4.2	87
2	Global homogenization of the structure and function in the soil microbiome of urban greenspaces. <i>Science Advances</i> , 2021, 7, .	4.7	83
3	Ivermectin residues disrupt dung beetle diversity, soil properties and ecosystem functioning: An interdisciplinary field study. <i>Science of the Total Environment</i> , 2018, 618, 219-228.	3.9	80
4	Nitrogen oligotrophication in northern hardwood forests. <i>Biogeochemistry</i> , 2018, 141, 523-539.	1.7	80
5	Nitrogen supply modulates the effect of changes in drying-rewetting frequency on soil C and N cycling and greenhouse gas exchange. <i>Global Change Biology</i> , 2015, 21, 3854-3863.	4.2	72
6	Climate change decreases nitrogen pools and mineralization rates in northern hardwood forests. <i>Ecosphere</i> , 2016, 7, e01251.	1.0	67
7	Differential Colonization and Succession of Microbial Communities in Rock and Soil Substrates on a Maritime Antarctic Glacier Forefield. <i>Frontiers in Microbiology</i> , 2020, 11, 126.	1.5	65
8	Differential sensitivity to climate change of C and N cycling processes across soil horizons in a northern hardwood forest. <i>Soil Biology and Biochemistry</i> , 2017, 107, 77-84.	4.2	63
9	Changes in net N mineralization rates and soil N and P pools in a pine forest wildfire chronosequence. <i>Biology and Fertility of Soils</i> , 2009, 45, 781-788.	2.3	56
10	Changes in soil N and P availability in a <i>Pinus canariensis</i> fire chronosequence. <i>Forest Ecology and Management</i> , 2008, 256, 384-387.	1.4	55
11	Soil denitrification fluxes from three northeastern North American forests across a range of nitrogen deposition. <i>Oecologia</i> , 2015, 177, 17-27.	0.9	54
12	Soil Denitrification Fluxes in a Northern Hardwood Forest: The Importance of Snowmelt and Implications for Ecosystem N Budgets. <i>Ecosystems</i> , 2015, 18, 520-532.	1.6	48
13	Winter climate change effects on soil C and N cycles in urban grasslands. <i>Global Change Biology</i> , 2013, 19, 2826-2837.	4.2	46
14	Short-term wildfire effects on the spatial pattern and scale of labile organic-N and inorganic-N and P pools. <i>Forest Ecology and Management</i> , 2009, 257, 739-746.	1.4	45
15	Temperature and aridity regulate spatial variability of soil multifunctionality in drylands across the globe. <i>Ecology</i> , 2018, 99, 1184-1193.	1.5	42
16	Reduced snow cover alters root-microbe interactions and decreases nitrification rates in a northern hardwood forest. <i>Ecology</i> , 2016, 97, 3359-3368.	1.5	34
17	Nitrate and dissolved organic carbon mobilization in response to soil freezing variability. <i>Biogeochemistry</i> , 2016, 131, 35-47.	1.7	33
18	Interactive effects of forest die-off and drying-rewetting cycles on C and N mineralization. <i>Geoderma</i> , 2019, 333, 81-89.	2.3	28

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19	Wildfire changes the spatial pattern of soil nutrient availability in <i>Pinus canariensis</i> forests. <i>Annals of Forest Science</i> , 2009, 66, 210-210.	0.8	25
20	Spatial pattern and variability in soil N and P availability under the influence of two dominant species in a pine forest. <i>Plant and Soil</i> , 2011, 345, 211-221.	1.8	22
21	Holm oak decline triggers changes in plant succession and microbial communities, with implications for ecosystem C and N cycling. <i>Plant and Soil</i> , 2017, 414, 247-263.	1.8	20
22	Global drivers of methane oxidation and denitrifying gene distribution in drylands. <i>Global Ecology and Biogeography</i> , 2019, 28, 1230-1243.	2.7	20
23	Climate and soil microorganisms drive soil phosphorus fractions in coastal dune systems. <i>Functional Ecology</i> , 2020, 34, 1690-1701.	1.7	20
24	Développement à long terme des concentrations de l'azote organique et inorganique, attribuable au feu dans une forêt de pins. <i>Annals of Forest Science</i> , 2010, 67, 207-207.	0.8	17
25	Biocrusts Modulate Responses of Nitrous Oxide and Methane Soil Fluxes to Simulated Climate Change in a Mediterranean Dryland. <i>Ecosystems</i> , 2020, 23, 1690-1701.	1.6	16
26	Changes in leaf nutrient traits in a wildfire chronosequence. <i>Plant and Soil</i> , 2010, 331, 69-77.	1.8	15
27	Comparison of in situ methods to measure N mineralization rates in forest soils. <i>Soil Biology and Biochemistry</i> , 2012, 46, 145-147.	4.2	15
28	The spatial distribution of animal casualties within a road corridor: Implications for roadkill monitoring in the southern Iberian rangelands. <i>Transportation Research, Part D: Transport and Environment</i> , 2019, 67, 119-130.	3.2	13
29	Simulated nitrogen deposition influences soil greenhouse gas fluxes in a Mediterranean dryland. <i>Science of the Total Environment</i> , 2020, 737, 139610.	3.9	13
30	Leaf resorption efficiency and proficiency in a <i>Quercus robur</i> population following forest harvest. <i>Forest Ecology and Management</i> , 2008, 255, 2264-2271.	1.4	11
31	Cryptogamic cover determines soil attributes and functioning in polar terrestrial ecosystems. <i>Science of the Total Environment</i> , 2021, 762, 143169.	3.9	10
32	Roots Mediate the Effects of Snowpack Decline on Soil Bacteria, Fungi, and Nitrogen Cycling in a Northern Hardwood Forest. <i>Frontiers in Microbiology</i> , 2019, 10, 926.	1.5	9
33	Snowpack affects soil microclimate throughout the year. <i>Climatic Change</i> , 2020, 163, 705-722.	1.7	9
34	Is vertebrate mortality correlated to potential permeability by underpasses along low-traffic roads?. <i>Journal of Environmental Management</i> , 2018, 221, 53-62.	3.8	8
35	Integrative effects of increasing aridity and biotic cover on soil attributes and functioning in coastal dune ecosystems. <i>Geoderma</i> , 2021, 390, 114952.	2.3	7
36	Vegetation structure determines the spatial variability of soil biodiversity across biomes. <i>Scientific Reports</i> , 2020, 10, 21500.	1.6	6

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37	High Resolution Measurement of Light in Terrestrial Ecosystems Using Photodegrading Dyes. PLoS ONE, 2013, 8, e75715.	1.1	5
38	Comparing the use of leaf and soil analysis as N and P availability indices in a wildfire chronosequence. European Journal of Forest Research, 2012, 131, 1327-1335.	1.1	4
39	The pedogenic Walker and Syers model under high atmospheric P deposition rates. Biogeochemistry, 2020, 148, 237-253.	1.7	4
40	Effects of functional and phylogenetic diversity on the temporal dynamics of soil N availability. Plant and Soil, 2022, 472, 629-640.	1.8	4
41	Wildfires decrease the local-scale ecosystem spatial variability of Pinus canariensis forests during the first two decades post fire. International Journal of Wildland Fire, 2019, 28, 288.	1.0	3
42	Are recently deglaciated areas at both poles colonised by the same bacteria?. FEMS Microbiology Letters, 2021, 368, .	0.7	3
43	Forest die-off reduces soil C and N content and increases C stability in a Mediterranean woodland. Geoderma, 2020, 359, 113990.	2.3	2
44	Brillar como diamantes. Un programa de resiliencia budista en arte. Pensamiento Palabra Y Obra, 2017, 18, .	0.1	1