Jorge DurÃ¡n Humia

List of Publications by Year
in descending order

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	Effects of functional and phylogenetic diversity on the temporal dynamics of soil N availability. Plant and Soil, 2022, 472, 629-640.	1.8	4
2	Cryptogamic cover determines soil attributes and functioning in polar terrestrial ecosystems. Science of the Total Environment, 2021, 762, 143169.	3.9	10
3	Integrative effects of increasing aridity and biotic cover on soil attributes and functioning in coastal dune ecosystems. Geoderma, 2021, 390, 114952.	2.3	7
4	Global homogenization of the structure and function in the soil microbiome of urban greenspaces. Science Advances, 2021, 7, .	4.7	83
5	Are recently deglaciated areas at both poles colonised by the same bacteria?. FEMS Microbiology Letters, 2021, 368, .	0.7	3
6	Forest die-off reduces soil C and N content and increases C stability in a Mediterranean woodland. Geoderma, 2020, 359, 113990.	2.3	2
7	Snowpack affects soil microclimate throughout the year. Climatic Change, 2020, 163, 705-722.	1.7	9
8	Vegetation structure determines the spatial variability of soil biodiversity across biomes. Scientific Reports, 2020, 10, 21500.	1.6	6
9	Climate and soil microâ€organisms drive soil phosphorus fractions in coastal dune systems. Functional Ecology, 2020, 34, 1690-1701.	1.7	20
10	Simulated nitrogen deposition influences soil greenhouse gas fluxes in a Mediterranean dryland. Science of the Total Environment, 2020, 737, 139610.	3.9	13
11	Differential Colonization and Succession of Microbial Communities in Rock and Soil Substrates on a Maritime Antarctic Glacier Forefield. Frontiers in Microbiology, 2020, 11, 126.	1.5	65
12	Biocrusts Modulate Responses of Nitrous Oxide and Methane Soil Fluxes to Simulated Climate Change in a Mediterranean Dryland. Ecosystems, 2020, 23, 1690-1701.	1.6	16
13	The pedogenic Walker and Syers model under high atmospheric P deposition rates. Biogeochemistry, 2020, 148, 237-253.	1.7	4
14	Interactive effects of forest die-off and drying-rewetting cycles on C and N mineralization. Geoderma, 2019, 333, 81-89.	2.3	28
15	Global drivers of methane oxidation and denitrifying gene distribution in drylands. Global Ecology and Biogeography, 2019, 28, 1230-1243.	2.7	20
16	Roots Mediate the Effects of Snowpack Decline on Soil Bacteria, Fungi, and Nitrogen Cycling in a Northern Hardwood Forest. Frontiers in Microbiology, 2019, 10, 926.	1.5	9
17	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
18	The spatial distribution of animal casualties within a road corridor: Implications for roadkill monitoring in the southern Iberian rangelands. Transportation Research, Part D: Transport and Environment, 2019, 67, 119-130.	3.2	13

#	Article	IF	Citations
19	Temperature and aridity regulate spatial variability of soil multifunctionality in drylands across the globe. Ecology, 2018, 99, 1184-1193.	1.5	42
20	Ivermectin residues disrupt dung beetle diversity, soil properties and ecosystem functioning: An interdisciplinary field study. Science of the Total Environment, 2018, 618, 219-228.	3.9	80
21	Nitrogen oligotrophication in northern hardwood forests. Biogeochemistry, 2018, 141, 523-539.	1.7	80
22	Is vertebrate mortality correlated to potential permeability by underpasses along low-traffic roads?. Journal of Environmental Management, 2018, 221, 53-62.	3.8	8
23	Differential sensitivity to climate change of C and N cycling processes across soil horizons in a northern hardwood forest. Soil Biology and Biochemistry, 2017, 107, 77-84.	4.2	63
24	Holm oak decline triggers changes in plant succession and microbial communities, with implications for ecosystem C and N cycling. Plant and Soil, 2017, 414, 247-263.	1.8	20
25	BrillarÃ¡n como diamantes. Un programa de resiliencia budista en arte. Pensamiento Palabra Y Obra, 2017, 18, .	0.1	1
26	Reduced snow cover alters rootâ€microbe interactions and decreases nitrification rates in a northern hardwood forest. Ecology, 2016, 97, 3359-3368.	1.5	34
27	Nitrate and dissolved organic carbon mobilization in response to soil freezing variability. Biogeochemistry, 2016, 131, 35-47.	1.7	33
28	Climate change decreases nitrogen pools and mineralization rates in northern hardwood forests. Ecosphere, 2016, 7, e01251.	1.0	67
29	Nitrogen supply modulates the effect of changes in dryingâ€“rewetting frequency on soil C and N cycling and greenhouse gas exchange. Global Change Biology, 2015, 21, 3854-3863.	4.2	72
30	Soil Denitrification Fluxes in a Northern Hardwood Forest: The Importance of Snowmelt and Implications for Ecosystem N Budgets. Ecosystems, 2015, 18, 520-532.	1.6	48
31	Soil denitrification fluxes from three northeastern North American forests across a range of nitrogen deposition. Oecologia, 2015, 177, 17-27.	0.9	54
32	Winter climate change affects growingâ€season soil microbial biomass and activity in northern hardwood forests. Global Change Biology, 2014, 20, 3568-3577.	4.2	87
33	Winter climate change effects on soil C and N cycles in urban grasslands. Global Change Biology, 2013, 19, 2826-2837.	4.2	46
34	High Resolution Measurement of Light in Terrestrial Ecosystems Using Photodegrading Dyes. PLoS ONE, 2013, 8, e75715.	1.1	5
35	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
36	Comparison of in situ methods to measure N mineralization rates in forest soils. Soil Biology and Biochemistry, 2012, 46, 145-147.	4.2	15

#	Article	IF	Citations
37	Spatial pattern and variability in soil N and P availability under the influence of two dominant species in a pine forest. Plant and Soil, 2011, 345, 211-221.	1.8	22
38	DÃ©croissance Ã long terme des concentrations dâ€™azote organique et inorganique, attribuable au feu dans une forÃªt de pins. Annals of Forest Science, 2010, 67, 207-207.	0.8	17
39	Changes in leaf nutrient traits in a wildfire chronosequence. Plant and Soil, 2010, 331, 69-77.	1.8	15
40	Changes in net N mineralization rates and soil N and P pools in a pine forest wildfire chronosequence. Biology and Fertility of Soils, 2009, 45, 781-788.	2.3	56
41	Wildfire changes the spatial pattern of soil nutrient availability in Pinus canariensis forests. Annals of Forest Science, 2009, 66, 210-210.	0.8	25
42	Short-term wildfire effects on the spatial pattern and scale of labile organic-N and inorganic-N and P pools. Forest Ecology and Management, 2009, 257, 739-746.	1.4	45
43	Leaf resorption efficiency and proficiency in a Quercus robur population following forest harvest. Forest Ecology and Management, 2008, 255, 2264-2271.	1.4	11
44	Changes in soil N and P availability in a Pinus canariensis fire chronosequence. Forest Ecology and Management, 2008, 256, 384-387.	1.4	55