

Sara Marañon-Jimenez

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2292034/publications.pdf>

Version: 2024-02-01

26
papers

1,278
citations

471509

17
h-index

552781

26
g-index

27
all docs

27
docs citations

27
times ranked

2986
citing authors

#	ARTICLE	IF	CITATIONS
1	Microbial carbon limitation: The need for integrating microorganisms into our understanding of ecosystem carbon cycling. <i>Global Change Biology</i> , 2020, 26, 1953-1961.	9.5	239
2	Isotopic evidence for oligotrophication of terrestrial ecosystems. <i>Nature Ecology and Evolution</i> , 2018, 2, 1735-1744.	7.8	138
3	Salvage Logging Versus the Use of Burnt Wood as a Nurse Object to Promote Post-Fire Tree Seedling Establishment. <i>Restoration Ecology</i> , 2011, 19, 537-544.	2.9	107
4	Impacts of Global Change on Mediterranean Forests and Their Services. <i>Forests</i> , 2017, 8, 463.	2.1	98
5	Standardisation of chamber technique for CO ₂ , N ₂ O and CH ₄ fluxes measurements from terrestrial ecosystems. <i>International Agrophysics</i> , 2018, 32, 569-587.	1.7	76
6	Soil microbial CNP and respiration responses to organic matter and nutrient additions: Evidence from a tropical soil incubation. <i>Soil Biology and Biochemistry</i> , 2018, 122, 141-149.	8.8	62
7	Post-fire soil respiration in relation to burnt wood management in a Mediterranean mountain ecosystem. <i>Forest Ecology and Management</i> , 2011, 261, 1436-1447.	3.2	56
8	Towards long-term standardised carbon and greenhouse gas observations for monitoring Europe's terrestrial ecosystems: a review. <i>International Agrophysics</i> , 2018, 32, 439-455.	1.7	55
9	Post-fire salvage logging reduces carbon sequestration in Mediterranean coniferous forest. <i>Forest Ecology and Management</i> , 2011, 262, 2287-2296.	3.2	47
10	Effect of decomposing post-fire coarse woody debris on soil fertility and nutrient availability in a Mediterranean ecosystem. <i>Biogeochemistry</i> , 2013, 112, 519-535.	3.5	47
11	Post-fire wood management alters water stress, growth, and performance of pine regeneration in a Mediterranean ecosystem. <i>Forest Ecology and Management</i> , 2013, 308, 231-239.	3.2	43
12	An empirical study of the wound effect on sap flux density measured with thermal dissipation probes. <i>Tree Physiology</i> , 2016, 36, 1471-1484.	3.1	35
13	Ancillary vegetation measurements at ICOS ecosystem stations. <i>International Agrophysics</i> , 2018, 32, 645-664.	1.7	35
14	A systemic overreaction to years versus decades of warming in a subarctic grassland ecosystem. <i>Nature Ecology and Evolution</i> , 2020, 4, 101-108.	7.8	33
15	Charred wood remaining after a wildfire as a reservoir of macro- and micronutrients in a Mediterranean pine forest. <i>International Journal of Wildland Fire</i> , 2013, 22, 681.	2.4	30
16	Coupled carbon and nitrogen losses in response to seven years of chronic warming in subarctic soils. <i>Soil Biology and Biochemistry</i> , 2019, 134, 152-161.	8.8	25
17	X-ray computed microtomography characterizes the wound effect that causes sap flow underestimation by thermal dissipation sensors. <i>Tree Physiology</i> , 2018, 38, 287-301.	3.1	18
18	Fall rate of burnt pines across an elevational gradient in a Mediterranean mountain. <i>European Journal of Forest Research</i> , 2017, 136, 401-409.	2.5	17

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19	Geothermally warmed soils reveal persistent increases in the respiratory costs of soil microbes contributing to substantial C losses. <i>Biogeochemistry</i> , 2018, 138, 245-260.	3.5	17
20	Restoring for the present or restoring for the future: enhanced performance of two sympatric oaks (<i>Quercus ilex</i> and <i>Quercus pyrenaica</i>) above the current forest limit. <i>Restoration Ecology</i> , 2015, 23, 936-946.	2.9	16
21	Shifts in the Abundances of Saprotrophic and Ectomycorrhizal Fungi With Altered Leaf Litter Inputs. <i>Frontiers in Plant Science</i> , 2021, 12, 682142.	3.6	16
22	Soil-meteorological measurements at ICOS monitoring stations in terrestrial ecosystems. <i>International Agrophysics</i> , 2018, 32, 619-631.	1.7	14
23	Simulated climate change and seasonal drought increase carbon and phosphorus demand in Mediterranean forest soils. <i>Soil Biology and Biochemistry</i> , 2021, 163, 108424.	8.8	12
24	Seasonal drought in Mediterranean soils mainly changes microbial C and N contents whereas chronic drought mainly impairs the capacity of microbes to retain P. <i>Soil Biology and Biochemistry</i> , 2022, 165, 108515.	8.8	10
25	Importance of reporting ancillary site characteristics, and management and disturbance information at ICOS stations. <i>International Agrophysics</i> , 2018, 32, 457-469.	1.7	8
26	Sampling and collecting foliage elements for the determination of the foliar nutrients in ICOS ecosystem stations. <i>International Agrophysics</i> , 2018, 32, 665-676.	1.7	4