

Juan Martínez de Aragón

List of Publications by Year in descending order

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44
papers

1,341
citations

331670

21
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345221

36
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docs citations

44
times ranked

1795
citing authors

#	ARTICLE	IF	CITATIONS
1	Productivity of ectomycorrhizal and selected edible saprotrophic fungi in pine forests of the pre-Pyrenees mountains, Spain: Predictive equations for forest management of mycological resources. <i>Forest Ecology and Management</i> , 2007, 252, 239-256.	3.2	104
2	Soil microclimate changes affect soil fungal communities in a Mediterranean pine forest. <i>New Phytologist</i> , 2018, 220, 1211-1221.	7.3	97
3	Immediate effect of thinning on the yield of <i>Lactarius group deliciosus</i> in <i>Pinus pinaster</i> forests in Northeastern Spain. <i>Forest Ecology and Management</i> , 2012, 265, 211-217.	3.2	86
4	Modelling the production and species richness of wild mushrooms in pine forests of the Central Pyrenees in northeastern Spain. <i>Canadian Journal of Forest Research</i> , 2010, 40, 347-356.	1.7	74
5	Impact of forest management intensity on landscape-level mushroom productivity: A regional model-based scenario analysis. <i>Forest Ecology and Management</i> , 2014, 330, 218-227.	3.2	66
6	Empirical models for predicting the production of wild mushrooms in Scots pine (<i>Pinus sylvestris</i> L.) forests in the Central Pyrenees. <i>Annals of Forest Science</i> , 2008, 65, 206-206.	2.0	64
7	Yield models for ectomycorrhizal mushrooms in <i>Pinus sylvestris</i> forests with special focus on <i>Boletus edulis</i> and <i>Lactarius group deliciosus</i> . <i>Forest Ecology and Management</i> , 2012, 282, 63-69.	3.2	63
8	Value of wild mushroom picking as an environmental service. <i>Forest Policy and Economics</i> , 2011, 13, 419-424.	3.4	62
9	Is silviculture able to enhance wild forest mushroom resources? Current knowledge and future perspectives. <i>Forest Ecology and Management</i> , 2017, 402, 102-114.	3.2	50
10	Mushroom biomass and diversity are driven by different spatio-temporal scales along Mediterranean elevation gradients. <i>Scientific Reports</i> , 2017, 7, 45824.	3.3	47
11	Effect of climatic and soil moisture conditions on mushroom productivity and related ecosystem services in Mediterranean pine stands facing climate change. <i>Agricultural and Forest Meteorology</i> , 2018, 248, 432-440.	4.8	42
12	Assessing the distribution of forest ecosystem services in a highly populated Mediterranean region. <i>Ecological Indicators</i> , 2018, 93, 986-997.	6.3	41
13	Weed management and irrigation are key treatments in emerging black truffle (<i>Tuber melanosporum</i>) cultivation. <i>New Forests</i> , 2011, 42, 227-239.	1.7	39
14	Meteorological conditions and site characteristics driving edible mushroom production in <i>Pinus pinaster</i> forests of Central Spain. <i>Fungal Ecology</i> , 2016, 23, 30-41.	1.6	37
15	Lack of thinning effects over inter-annual changes in soil fungal community and diversity in a Mediterranean pine forest. <i>Forest Ecology and Management</i> , 2018, 424, 420-427.	3.2	37
16	Mushroom production as an alternative for rural development in a forested mountainous area. <i>Journal of Mountain Science</i> , 2014, 11, 535-543.	2.0	36
17	Seasonal dynamics of the ectomycorrhizal fungus <i>Lactarius vinosus</i> are altered by changes in soil moisture and temperature. <i>Soil Biology and Biochemistry</i> , 2017, 115, 253-260.	8.8	27
18	Linking fungal dynamics, tree growth and forest management in a Mediterranean pine ecosystem. <i>Forest Ecology and Management</i> , 2018, 422, 223-232.	3.2	27

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19	Production and turnover of mycorrhizal soil mycelium relate to variation in drought conditions in Mediterranean <i>Pinus pinaster</i> , <i>Pinus sylvestris</i> and <i>Quercus ilex</i> forests. <i>New Phytologist</i> , 2021, 230, 1609-1622.	7.3	25
20	Economically profitable post fire restoration with black truffle (<i>Tuber melanosporum</i>) producing plantations. <i>New Forests</i> , 2012, 43, 615-630.	1.7	24
21	Record breaking mushroom yields in Spain. <i>Fungal Ecology</i> , 2017, 26, 144-146.	1.6	23
22	Increase in membrane thickness during development compensates for eggshell thinning due to calcium uptake by the embryo in falcons. <i>Die Naturwissenschaften</i> , 2010, 97, 143-151.	1.6	22
23	Fine root seasonal dynamics, plasticity, and mycorrhization in 2 coexisting Mediterranean oaks with contrasting aboveground phenology. <i>Ecoscience</i> , 2012, 19, 238-245.	1.4	21
24	Soil physico-chemical properties have a greater effect on soil fungi than host species in Mediterranean pure and mixed pine forests. <i>Soil Biology and Biochemistry</i> , 2021, 160, 108320.	8.8	21
25	Soil drying procedure affects the DNA quantification of <i>Lactarius vinosus</i> but does not change the fungal community composition. <i>Mycorrhiza</i> , 2016, 26, 799-808.	2.8	19
26	Truffle Market Evolution: An Application of the Delphi Method. <i>Forests</i> , 2021, 12, 1174.	2.1	19
27	Linkages between climate, seasonal wood formation and mycorrhizal mushroom yields. <i>Agricultural and Forest Meteorology</i> , 2016, 228-229, 339-348.	4.8	18
28	Applying the ecohydrological equilibrium hypothesis to model root distribution in water-limited forests. <i>Ecohydrology</i> , 2018, 11, e2015.	2.4	15
29	Divergent above- and below-ground responses of fungal functional groups to forest thinning. <i>Soil Biology and Biochemistry</i> , 2020, 150, 108010.	8.8	15
30	Crown bulk density and fuel moisture dynamics in <i>Pinus pinaster</i> stands are neither modified by thinning nor captured by the Forest Fire Weather Index. <i>Annals of Forest Science</i> , 2017, 74, 1.	2.0	14
31	Rainfall homogenizes while fruiting increases diversity of spore deposition in Mediterranean conditions. <i>Fungal Ecology</i> , 2019, 41, 279-288.	1.6	13
32	<i>Lactarius deliciosus</i> Fr. soil extraradical mycelium correlates with stand fruitbody productivity and is increased by forest thinning. <i>Forest Ecology and Management</i> , 2016, 380, 196-201.	3.2	11
33	Mushroom Emergence Detected by Combining Spore Trapping with Molecular Techniques. <i>Applied and Environmental Microbiology</i> , 2017, 83, .	3.1	11
34	Performance of statistical and machine learning-based methods for predicting biogeographical patterns of fungal productivity in forest ecosystems. <i>Forest Ecosystems</i> , 2021, 8, .	3.1	11
35	Eggshell Thickness Variation in Red-legged Partridge (<i>Alectoris rufa</i>) from Spain. <i>Wilson Journal of Ornithology</i> , 2009, 121, 167-170.	0.2	10
36	Yield models for predicting aboveground ectomycorrhizal fungal productivity in <i>Pinus sylvestris</i> and <i>Pinus pinaster</i> stands of northern Spain. <i>Forest Ecosystems</i> , 2019, 6, .	3.1	10

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37	Impact of forest thinning on aboveground macrofungal community composition and diversity in Mediterranean pine stands. <i>Ecological Indicators</i> , 2021, 133, 108340.	6.3	9
38	Viability of Introducing Payments for the Collection of Wild Forest Mushrooms in Catalonia (North-East Spain). <i>Small-Scale Forestry</i> , 2017, 16, 147-167.	1.7	7
39	Sampling forest soils to describe fungal diversity and composition. Which is the optimal sampling size in mediterranean pure and mixed pine oak forests?. <i>Fungal Biology</i> , 2021, 125, 469-476.	2.5	6
40	Variations in biomass of fungal guilds are primarily driven by factors related to soil conditions in Mediterranean <i>Pinus pinaster</i> forests. <i>Biology and Fertility of Soils</i> , 2022, 58, 487-501.	4.3	5
41	Historical and future spatially-explicit climate change impacts on mycorrhizal and saprotrophic macrofungal productivity in Mediterranean pine forests. <i>Agricultural and Forest Meteorology</i> , 2022, 319, 108918.	4.8	5
42	Lack of Phylogenetic Differences in Ectomycorrhizal Fungi among Distinct Mediterranean Pine Forest Habitats. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 793.	3.5	4
43	Developmental stage of failed eggs in the red-legged partridge <i>Alectoris rufa</i> . <i>Journal of Ethology</i> , 2009, 27, 343-348.	0.8	2
44	Mulch removal time did not have significant effects on <i>Tuber melanosporum</i> mycelium biomass. <i>Forest Systems</i> , 2021, 30, eSC02.	0.3	2