# Juan MartÃ-nez de AragÃ³n

List of Publications by Year
in descending order



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|---|---|---|---|
| 44 papers | 1,341 citations | 331670 21 h-index | 345221 36 g-index |
| 44 all docs | 44 docs citations | 44 times ranked | 1795 citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Variations in biomass of fungal guilds are primarily driven by factors related to soil conditions in Mediterranean Pinus pinaster forests. Biology and Fertility of Soils, 2022, 58, 487-501. | 4.3 | 5 |
| 2 | Historical and future spatially-explicit climate change impacts on mycorrhizal and saprotrophic macrofungal productivity in Mediterranean pine forests. Agricultural and Forest Meteorology, 2022, 319, 108918. | 4.8 | 5 |
| 3 | Production and turnover of mycorrhizal soil mycelium relate to variation in drought conditions in Mediterranean Pinus pinaster, Pinus sylvestris and Quercus ilex forests. New Phytologist, 2021, 230, 1609-1622. | 7.3 | 25 |
| 4 | Sampling forest soils to describe fungal diversity and composition. Which is the optimal sampling size in mediterranean pure and mixed pine oak forests?. Fungal Biology, 2021, 125, 469-476. | 2.5 | 6 |
| 5 | Mulch removal time did not have significant effects on Tuber melanosporum mycelium biomass. Forest Systems, 2021, 30, eSC02. | 0.3 | 2 |
| 6 | Performance of statistical and machine learning-based methods for predicting biogeographical patterns of fungal productivity in forest ecosystems. Forest Ecosystems, 2021, 8, . | 3.1 | 11 |
| 7 | Truffle Market Evolution: An Application of the Delphi Method. Forests, 2021, 12, 1174. | 2.1 | 19 |
| 8 | Lack of Phylogenetic Differences in Ectomycorrhizal Fungi among Distinct Mediterranean Pine Forest Habitats. Journal of Fungi (Basel, Switzerland), 2021, 7, 793. | 3.5 | 4 |
| 9 | Soil physico-chemical properties have a greater effect on soil fungi than host species in Mediterranean pure and mixed pine forests. Soil Biology and Biochemistry, 2021, 160, 108320. | 8.8 | 21 |
| 10 | Impact of forest thinning on aboveground macrofungal community composition and diversity in Mediterranean pine stands. Ecological Indicators, 2021, 133, 108340. | 6.3 | 9 |
| 11 | Divergent above- and below-ground responses of fungal functional groups to forest thinning. Soil Biology and Biochemistry, 2020, 150, 108010. | 8.8 | 15 |
| 12 | Rainfall homogenizes while fruiting increases diversity of spore deposition in Mediterranean conditions. Fungal Ecology, 2019, 41, 279-288. | 1.6 | 13 |
| 13 | Yield models for predicting aboveground ectomycorrhizal fungal productivity in Pinus sylvestris and Pinus pinaster stands of northern Spain. Forest Ecosystems, 2019, 6, . | 3.1 | 10 |
| 14 | Linking fungal dynamics, tree growth and forest management in a Mediterranean pine ecosystem. Forest Ecology and Management, 2018, 422, 223-232. | 3.2 | 27 |
| 15 | Effect of climatic and soil moisture conditions on mushroom productivity and related ecosystem services in Mediterranean pine stands facing climate change. Agricultural and Forest Meteorology, 2018, 248, 432-440. | 4.8 | 42 |
| 16 | Lack of thinning effects over inter-annual changes in soil fungal community and diversity in a Mediterranean pine forest. Forest Ecology and Management, 2018, 424, 420-427. | 3.2 | 37 |
| 17 | Soil microclimate changes affect soil fungal communities in a Mediterranean pine forest. New Phytologist, 2018, 220, 1211-1221. | 7.3 | 97 |
| 18 | Assessing the distribution of forest ecosystem services in a highly populated Mediterranean region. Ecological Indicators, 2018, 93, 986-997. | 6.3 | 41 |

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|---|---|---|---|
| 19 | Applying the ecoâ€hydrological equilibrium hypothesis to model root distribution in waterâ€limited forests. Ecohydrology, 2018, 11, e2015. | 2.4 | 15 |
| 20 | Record breaking mushroom yields in Spain. Fungal Ecology, 2017, 26, 144-146. | 1.6 | 23 |
| 21 | Mushroom Emergence Detected by Combining Spore Trapping with Molecular Techniques. Applied and Environmental Microbiology, 2017, 83, . | 3.1 | 11 |
| 22 | Mushroom biomass and diversity are driven by different spatio-temporal scales along Mediterranean elevation gradients. Scientific Reports, 2017, 7, 45824. | 3.3 | 47 |
| 23 | Seasonal dynamics of the ectomycorrhizal fungus Lactarius vinosus are altered by changes in soil moisture and temperature. Soil Biology and Biochemistry, 2017, 115, 253-260. | 8.8 | 27 |
| 24 | Is silviculture able to enhance wild forest mushroom resources? Current knowledge and future perspectives. Forest Ecology and Management, 2017, 402, 102-114. | 3.2 | 50 |
| 25 | Crown bulk density and fuel moisture dynamics in Pinus pinaster stands are neither modified by thinning nor captured by the Forest Fire Weather Index. Annals of Forest Science, 2017, 74, 1. | 2.0 | 14 |
| 26 | Viability of Introducing Payments for the Collection of Wild Forest Mushrooms in Catalonia (North-East Spain). Small-Scale Forestry, 2017, 16, 147-167. | 1.7 | 7 |
| 27 | Soil drying procedure affects the DNA quantification of Lactarius vinosus but does not change the fungal community composition. Mycorrhiza, 2016, 26, 799-808. | 2.8 | 19 |
| 28 | Linkages between climate, seasonal wood formation and mycorrhizal mushroom yields. Agricultural and Forest Meteorology, 2016, 228-229, 339-348. | 4.8 | 18 |
| 29 | Lactarius deliciosus Fr. soil extraradical mycelium correlates with stand fruitbody productivity and is increased by forest thinning. Forest Ecology and Management, 2016, 380, 196-201. | 3.2 | 11 |
| 30 | Meteorological conditions and site characteristics driving edible mushroom production in Pinus pinaster forests of Central Spain. Fungal Ecology, 2016, 23, 30-41. | 1.6 | 37 |
| 31 | Impact of forest management intensity on landscape-level mushroom productivity: A regional model-based scenario analysis. Forest Ecology and Management, 2014, 330, 218-227. | 3.2 | 66 |
| 32 | Mushroom production as an alternative for rural development in a forested mountainous area. Journal of Mountain Science, 2014, 11, 535-543. | 2.0 | 36 |
| 33 | Economically profitable post fire restoration with black truffle (Tuber melanosporum) producing plantations. New Forests, 2012, 43, 615-630. | 1.7 | 24 |
| 34 | Fine root seasonal dynamics, plasticity, and mycorrhization in 2 coexisting Mediterranean oaks with contrasting aboveground phenology. Ecoscience, 2012, 19, 238-245. | 1.4 | 21 |
| 35 | Immediate effect of thinning on the yield of Lactarius group deliciosus in Pinus pinaster forests in Northeastern Spain. Forest Ecology and Management, 2012, 265, 211-217. | 3.2 | 86 |
| 36 | Yield models for ectomycorrhizal mushrooms in Pinus sylvestris forests with special focus on Boletus edulis and Lactarius group deliciosus. Forest Ecology and Management, 2012, 282, 63-69. | 3.2 | 63 |

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|---|---|---|---|
| 37 | Value of wild mushroom picking as an environmental service. Forest Policy and Economics, 2011, 13, 419-424. | 3.4 | 62 |
| 38 | Weed management and irrigation are key treatments in emerging black truffle (Tuber melanosporum) cultivation. New Forests, 2011, 42, 227-239. | 1.7 | 39 |
| 39 | Increase in membrane thickness during development compensates for eggshell thinning due to calcium uptake by the embryo in falcons. Die Naturwissenschaften, 2010, 97, 143-151. | 1.6 | 22 |
| 40 | Modelling the production and species richness of wild mushrooms in pine forests of the Central Pyrenees in northeastern Spain. Canadian Journal of Forest Research, 2010, 40, 347-356. | 1.7 | 74 |
| 41 | Developmental stage of failed eggs in the red-legged partridge Alectoris rufa. Journal of Ethology, 2009, 27, 343-348. | 0.8 | 2 |
| 42 | Eggshell Thickness Variation in Red-legged Partridge (Alectoris rufa) from Spain. Wilson Journal of Ornithology, 2009, 121, 167-170. | 0.2 | 10 |
| 43 | Empirical models for predicting the production of wild mushrooms in Scots pine (Pinus sylvestris L.) forests in the Central Pyrenees. Annals of Forest Science, 2008, 65, 206-206. | 2.0 | 64 |
| 44 | 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. Forest Ecology and Management, 2007, 252, 239-256. | 3.2 | 104 |