Joana Bergmann

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/3357275/publications.pdf

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20 papers	3,486 citations	623734 14 h-index	794594 19 g-index
23 all docs	23 docs citations	23 times ranked	5514 citing authors

#	Article	IF	Citations
1	TRY plant trait database â€“ enhanced coverage and open access. Global Change Biology, 2020, 26, 119-188.	9.5	1,038
2	Microplastics Can Change Soil Properties and Affect Plant Performance. Environmental Science & Technology, 2019, 53, 6044-6052.	10.0	995
3	The fungal collaboration gradient dominates the root economics space in plants. Science Advances, 2020, 6, .	10.3	377
4	Plant root and mycorrhizal fungal traits for understanding soil aggregation. New Phytologist, 2015, 205, 1385-1388.	7.3	304
5	An integrated framework of plant form and function: the belowground perspective. New Phytologist, 2021, 232, 42-59.	7.3	153
6	Branching out: Towards a trait-based understanding of fungal ecology. Fungal Biology Reviews, 2015, 29, 34-41.	4.7	118
7	Global root traits (GRooT) database. Global Ecology and Biogeography, 2021, 30, 25-37.	5.8	90
8	Root traits are more than analogues of leaf traits: the case for diaspore mass. New Phytologist, 2017, 216, 1130-1139.	7.3	71
9	Root traits explain plant species distributions along climatic gradients yet challenge the nature of ecological trade-offs. Nature Ecology and Evolution, 2021, 5, 1123-1134.	7.8	62
10	Shaping Up: Toward Considering the Shape and Form of Pollutants. Environmental Science & Technology, 2019, 53, 7925-7926.	10.0	58
11	Microplastic fiber and drought effects on plants and soil are only slightly modified by arbuscular mycorrhizal fungi. Soil Ecology Letters, 2022, 4, 32-44.	4.5	49
12	The interplay between soil structure, roots, and microbiota as a determinant of plantâ€“soil feedback. Ecology and Evolution, 2016, 6, 7633-7644.	1.9	46
13	Negative biotic soil-effects enhance biodiversity by restricting potentially dominant plant species in grasslands. Perspectives in Plant Ecology, Evolution and Systematics, 2015, 17, 227-235.	2.7	35
14	Globally, plantâ€•soil feedbacks are weak predictors of plant abundance. Ecology and Evolution, 2021, 11, 1756-1768.	1.9	19
15	Belowâ€•and aboveground traits explain local abundance, and regional, continental and global occurrence frequencies of grassland plants. Oikos, 2021, 130, 110-120.	2.7	15
16	Myristate and the ecology of AM fungi: significance, opportunities, applications and challenges. New Phytologist, 2020, 227, 1610-1614.	7.3	13
17	Effects of microplastics on crop nutrition in fertile soils and interaction with arbuscular mycorrhizal fungi. , 2022, 1, 66-72.		10
18	The evolution of mutualism from reciprocal parasitism: more ecological clothes for the Prisonerâ€™s Dilemma. Evolutionary Ecology, 2015, 29, 627-641.	1.2	9

#	Article	IF	Citations
19	Soil conditions drive belowâ€ground trait space in temperate agricultural grasslands. Journal of Ecology, 2022, 110, 1189-1200.	4.0	5
20	Wind intensity affects fine root morphological traits with consequences for plant-soil feedback effects. AoB PLANTS, 2020, 12, plaa050.	2.3	4