

Joana Bergmann

List of Publications by Year in descending order

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

Version: 2024-02-01

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	Microplastic fiber and drought effects on plants and soil are only slightly modified by arbuscular mycorrhizal fungi. <i>Soil Ecology Letters</i> , 2022, 4, 32-44.	4.5	49
2	Effects of microplastics on crop nutrition in fertile soils and interaction with arbuscular mycorrhizal fungi. , 2022, 1, 66-72.		10
3	Soil conditions drive belowground trait space in temperate agricultural grasslands. <i>Journal of Ecology</i> , 2022, 110, 1189-1200.	4.0	5
4	Belowground and aboveground traits explain local abundance, and regional, continental and global occurrence frequencies of grassland plants. <i>Oikos</i> , 2021, 130, 110-120.	2.7	15
5	Global root traits (GRooT) database. <i>Global Ecology and Biogeography</i> , 2021, 30, 25-37.	5.8	90
6	Globally, plant-soil feedbacks are weak predictors of plant abundance. <i>Ecology and Evolution</i> , 2021, 11, 1756-1768.	1.9	19
7	Root traits explain plant species distributions along climatic gradients yet challenge the nature of ecological trade-offs. <i>Nature Ecology and Evolution</i> , 2021, 5, 1123-1134.	7.8	62
8	An integrated framework of plant form and function: the belowground perspective. <i>New Phytologist</i> , 2021, 232, 42-59.	7.3	153
9	TRY plant trait database – enhanced coverage and open access. <i>Global Change Biology</i> , 2020, 26, 119-188.	9.5	1,038
10	Wind intensity affects fine root morphological traits with consequences for plant-soil feedback effects. <i>AoB PLANTS</i> , 2020, 12, plaa050.	2.3	4
11	Myristate and the ecology of AM fungi: significance, opportunities, applications and challenges. <i>New Phytologist</i> , 2020, 227, 1610-1614.	7.3	13
12	The fungal collaboration gradient dominates the root economics space in plants. <i>Science Advances</i> , 2020, 6, .	10.3	377
13	Shaping Up: Toward Considering the Shape and Form of Pollutants. <i>Environmental Science & Technology</i> , 2019, 53, 7925-7926.	10.0	58
14	Microplastics Can Change Soil Properties and Affect Plant Performance. <i>Environmental Science & Technology</i> , 2019, 53, 6044-6052.	10.0	995
15	Root traits are more than analogues of leaf traits: the case for diaspore mass. <i>New Phytologist</i> , 2017, 216, 1130-1139.	7.3	71
16	The interplay between soil structure, roots, and microbiota as a determinant of plant-soil feedback. <i>Ecology and Evolution</i> , 2016, 6, 7633-7644.	1.9	46
17	The evolution of mutualism from reciprocal parasitism: more ecological clothes for the Prisoner's Dilemma. <i>Evolutionary Ecology</i> , 2015, 29, 627-641.	1.2	9
18	Negative biotic soil-effects enhance biodiversity by restricting potentially dominant plant species in grasslands. <i>Perspectives in Plant Ecology, Evolution and Systematics</i> , 2015, 17, 227-235.	2.7	35

#	ARTICLE	IF	CITATIONS
19	Branching out: Towards a trait-based understanding of fungal ecology. <i>Fungal Biology Reviews</i> , 2015, 29, 34-41.	4.7	118
20	Plant root and mycorrhizal fungal traits for understanding soil aggregation. <i>New Phytologist</i> , 2015, 205, 1385-1388.	7.3	304