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List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

647
citations

759233

12
h-index

839539

18
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19
all docs

19
docs citations

19
times ranked

1083
citing authors

#	ARTICLE	IF	CITATIONS
1	Growth Response of Nine Tree Species to Water Supply in Planting Soils Representative for Urban Street Tree Sites. <i>Forests</i> , 2022, 13, 936.	2.1	2
2	Riparian wetland properties counter the effect of land-use change on soil carbon stocks after rainforest conversion to plantations. <i>Catena</i> , 2021, 196, 104941.	5.0	24
3	Climate implications on forest above- and belowground carbon allocation patterns along a tropical elevation gradient on Mt. Kilimanjaro (Tanzania). <i>Oecologia</i> , 2021, 195, 797-812.	2.0	4
4	Hot or not? connecting rhizosphere hotspots to total soil respiration. <i>Plant and Soil</i> , 2021, 464, 489.	3.7	7
5	Metagenomic insights into soil microbial communities involved in carbon cycling along an elevation climosequences. <i>Environmental Microbiology</i> , 2021, 23, 4631-4645.	3.8	48
6	Species richness is more important for ecosystem functioning than species turnover along an elevational gradient. <i>Nature Ecology and Evolution</i> , 2021, 5, 1582-1593.	7.8	35
7	Factors controlling soil organic carbon stocks in hardwood floodplain forests of the lower middle Elbe River. <i>Geoderma</i> , 2021, 404, 115389.	5.1	13
8	Application of planar optodes to measure CO ₂ gradients in the rhizosphere of unsaturated soils. <i>Rhizosphere</i> , 2020, 16, 100266.	3.0	6
9	Biomass, Morphology, and Dynamics of the Fine Root System Across a 3,000-M Elevation Gradient on Mt. Kilimanjaro. <i>Frontiers in Plant Science</i> , 2020, 11, 13.	3.6	24
10	Effects of land use and elevation on the functional characteristics of soil enzymes at Mt. Kilimanjaro. <i>European Journal of Soil Biology</i> , 2020, 97, 103167.	3.2	13
11	The effect of root hairs on rhizosphere phosphatase activity. <i>Journal of Plant Nutrition and Soil Science</i> , 2020, 183, 382-388.	1.9	17
12	Ashes to ashes: Characterization of organic matter in Andosols along a 3400m elevation transect at Mount Kilimanjaro using analytical pyrolysis. <i>Catena</i> , 2019, 180, 271-281.	5.0	5
13	Climate-land-use interactions shape tropical mountain biodiversity and ecosystem functions. <i>Nature</i> , 2019, 568, 88-92.	27.8	313
14	Depth rather than microrelief controls microbial biomass and kinetics of C-, N-, P- and S-cycle enzymes in peatland. <i>Geoderma</i> , 2018, 324, 67-76.	5.1	29
15	Teatime on Mount Kilimanjaro: Assessing climate and land-use effects on litter decomposition and stabilization using the Tea Bag Index. <i>Land Degradation and Development</i> , 2018, 29, 2321-2329.	3.9	39
16	Legume and Non-legume Trees Increase Soil Carbon Sequestration in Savanna. <i>Ecosystems</i> , 2017, 20, 989-999.	3.4	14
17	Nitrogen turnover and greenhouse gas emissions in a tropical alpine ecosystem, Mt. Kilimanjaro, Tanzania. <i>Plant and Soil</i> , 2017, 411, 243-259.	3.7	18
18	Annual litterfall dynamics and nutrient deposition depending on elevation and land use at Mt. Kilimanjaro. <i>Biogeosciences</i> , 2015, 12, 5635-5646.	3.3	36