

# Joscha N Becker

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3932767/publications.pdf>

Version: 2024-02-01

18  
papers

647  
citations

759233

12  
h-index

839539

18  
g-index

19  
all docs

19  
docs citations

19  
times ranked

1083  
citing authors

#	ARTICLE	IF	CITATIONS
1	Climateâ€™land-use interactions shape tropical mountain biodiversity and ecosystem functions. <i>Nature</i> , 2019, 568, 88-92.	27.8	313
2	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
3	Teatime on Mount Kilimanjaro: Assessing climate and landâ€™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
4	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
5	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
6	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
7	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
8	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
9	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
10	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
11	Legume and Non-legume Trees Increase Soil Carbon Sequestration in Savanna. <i>Ecosystems</i> , 2017, 20, 989-999.	3.4	14
12	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
13	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
14	Hot or not? connecting rhizosphere hotspots to total soil respiration. <i>Plant and Soil</i> , 2021, 464, 489.	3.7	7
15	Application of planar optodes to measure CO2 gradients in the rhizosphere of unsaturated soils. <i>Rhizosphere</i> , 2020, 16, 100266.	3.0	6
16	Ashes to ashes: Characterization of organic matter in Andosols along a 3400â€™m elevation transect at Mount Kilimanjaro using analytical pyrolysis. <i>Catena</i> , 2019, 180, 271-281.	5.0	5
17	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
18	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