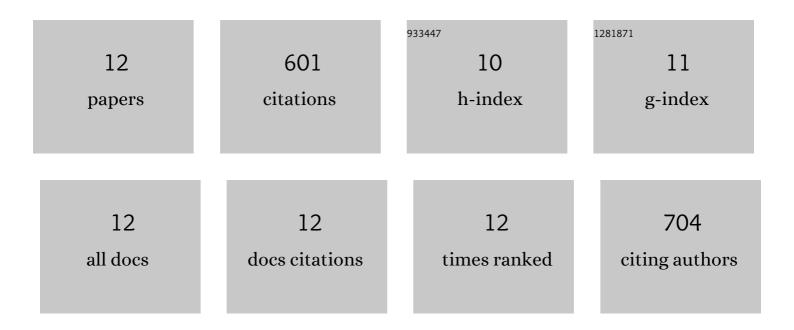
Andrea Jilling

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/6804893/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Minerals in the rhizosphere: overlooked mediators of soil nitrogen availability to plants and microbes. Biogeochemistry, 2018, 139, 103-122.	3.5	203
2	Priming mechanisms providing plants and microbes access to mineral-associated organic matter. Soil Biology and Biochemistry, 2021, 158, 108265.	8.8	71
3	Rapid and distinct responses of particulate and mineral-associated organic nitrogen to conservation tillage and cover crops. Geoderma, 2020, 359, 114001.	5.1	66
4	A holistic framework integrating plant-microbe-mineral regulation of soil bioavailable nitrogen. Biogeochemistry, 2021, 154, 211-229.	3.5	63
5	From pools to flow: The PROMISE framework for new insights on soil carbon cycling in a changing world. Clobal Change Biology, 2020, 26, 6631-6643.	9.5	57
6	Global distribution, formation and fate of mineralâ€associated soil organic matter under a changing climate: A traitâ€based perspective. Functional Ecology, 2022, 36, 1411-1429.	3.6	53
7	Soil Functional Zone Management: A Vehicle for Enhancing Production and Soil Ecosystem Services in Row-Crop Agroecosystems. Frontiers in Plant Science, 2016, 7, 65.	3.6	30
8	Reconciling opposing soil processes in row-crop agroecosystems via soil functional zone management. Agriculture, Ecosystems and Environment, 2017, 236, 99-107.	5.3	23
9	Temperature and moisture alter organic matter composition across soil fractions. Geoderma, 2022, 409, 115628.	5.1	15
10	Crop rotational complexity affects plant-soil nitrogen cycling during water deficit. Soil Biology and Biochemistry, 2022, 166, 108552.	8.8	15
11	Sustainable beef production in New England: policy and value-chain challenges and opportunities. Agroecology and Sustainable Food Systems, 2019, 43, 274-298.	1.9	5
12	Response to "Connectivity and pore accessibility in models of soil carbon cycling― Global Change Biology, 2021, 27, e15-e16.	9.5	0