

Andrea Jilling

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6804893/publications.pdf>

Version: 2024-02-01

12
papers

601
citations

933447

10
h-index

1281871

11
g-index

12
all docs

12
docs citations

12
times ranked

704
citing authors

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