

LÃ³cia BarÃ£o

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3397436/publications.pdf>

Version: 2024-02-01

14
papers

242
citations

1040056

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h-index

1058476

14
g-index

15
all docs

15
docs citations

15
times ranked

368
citing authors

#	ARTICLE	IF	CITATIONS
1	Alkaline-extractable silicon from land to ocean: A challenge for biogenic silicon determination. <i>Limnology and Oceanography: Methods</i> , 2015, 13, 329-344.	2.0	40
2	Assessment of promising agricultural management practices. <i>Science of the Total Environment</i> , 2019, 649, 610-619.	8.0	38
3	Silicon-vegetation interaction in multiple ecosystems: a review. <i>Journal of Vegetation Science</i> , 2014, 25, 301-313.	2.2	37
4	New strategies to overcome water limitation in cultivated maize: Results from sub-surface irrigation and silicon fertilization. <i>Journal of Environmental Management</i> , 2020, 263, 110398.	7.8	19
5	Visual assessment of the impact of agricultural management practices on soil quality. <i>Agronomy Journal</i> , 2020, 112, 2608-2623.	1.8	19
6	Landscape cultivation alters ^{30}Si signature in terrestrial ecosystems. <i>Scientific Reports</i> , 2015, 5, 7732.	3.3	18
7	BalSim: A Carbon, Nitrogen and Greenhouse Gas Mass Balance Model for Pastures. <i>Sustainability</i> , 2019, 11, 53.	3.2	16
8	An Overview of Sustainability Assessment Frameworks in Agriculture. <i>Land</i> , 2022, 11, 537.	2.9	14
9	Factors controlling Si export from soils: A soil column approach. <i>Catena</i> , 2015, 133, 85-96.	5.0	12
10	Land use change affects biogenic silica pool distribution in a subtropical soil toposequence. <i>Solid Earth</i> , 2017, 8, 737-750.	2.8	11
11	Silicon Mobilization in Soils: the Broader Impact of Land Use. <i>Silicon</i> , 2020, 12, 1529-1538.	3.3	9
12	Dissolved Silicon and Its Origin in Belgian Beers: A Multivariate Analysis. <i>Silicon</i> , 2013, 5, 3-12.	3.3	4
13	Biogenic Si analysis in volcanically imprinted lacustrine systems: the case of Lake Rutundu (Mt. Kenya). <i>Biogeochemistry</i> , 2015, 125, 243-259.	3.5	3
14	Promising Agricultural Management Practices and Soil Threats in Europe and China. <i>Innovations in Landscape Research</i> , 2021, , 195-213.	0.4	0