Lucas Benedet

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2663150/publications.pdf

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16	295	1163117 8	1058476 14
papers	citations	h-index	g-index

16	16	16	326
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Rapid soil fertility prediction using X-ray fluorescence data and machine learning algorithms. Catena, 2021, 197, 105003.	5.0	42
2	Carbon, nitrogen and natural abundance of 13C and 15N in biogenic and physicogenic aggregates in a soil with 10 years of pig manure application. Soil and Tillage Research, 2017, 166, 52-58.	5.6	40
3	Soil subgroup prediction via portable X-ray fluorescence and visible near-infrared spectroscopy. Geoderma, 2020, 365, 114212.	5.1	40
4	Soil texture prediction using portable X-ray fluorescence spectrometry and visible near-infrared diffuse reflectance spectroscopy. Geoderma, 2020, 376, 114553.	5.1	38
5	Forms and accumulation of copper and zinc in a sandy typic hapludalf soil after long-term application of pig slurry and deep litter. Revista Brasileira De Ciencia Do Solo, 2013, 37, 812-824.	1.3	35
6	Accumulation of copper and zinc fractions in vineyard soil in the mid-western region of Santa Catarina, Brazil. Environmental Earth Sciences, 2015, 73, 6379-6386.	2.7	27
7	Physical properties and organic carbon content of a Typic Hapludult soil fertilised with pig slurry and pig litter in a no-tillage system. Soil Research, 2013, 51, 459.	1.1	25
8	Microbiological and chemical attributes of a Hapludalf soil with swine manure fertilization. Pesquisa Agropecuaria Brasileira, 2013, 48, 774-782.	0.9	11
9	Physiological Changes in Maize Grown in Soil with Copper and Zinc Accumulation Resulting from the Addition of Pig Slurry and Deep Litter over 10ÂYears. Water, Air, and Soil Pollution, 2016, 227, 1.	2.4	9
10	Copper and Zn distribution in humic substances of soil after 10 years of pig manure application in south of Santa Catarina, Brazil. Environmental Geochemistry and Health, 2020, 42, 3281-3301.	3.4	8
11	Copper and Zinc in Rhizosphere Soil and Toxicity Potential in White Oats (Avena sativa) Grown in Soil with Long-Term Pig Manure Application. Water, Air, and Soil Pollution, 2019, 230, 1.	2.4	6
12	Copper and zinc fractions in the profile of an Inceptisol cultivated with apple in southern Brazil. Bragantia, 2018, 77, 333-347.	1.3	5
13	Variation of properties of two contrasting Oxisols enhanced by pXRF and Vis-NIR. Journal of South American Earth Sciences, 2022, 115, 103748.	1.4	4
14	Use of Swine Manure in Agriculture in Southern Brazil: Fertility or Potential Contamination?. , 0, , .		3
15	X-ray fluorescence spectrometry applied to digital mapping of soil fertility attributes in tropical region with elevated spatial variability. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200646.	0.8	2
16	PHOSPHORUS AND HEAVY METAL CONTENTS IN SMALL-SCALE COMPOSTING AREAS. International Journal of Research -GRANTHAALAYAH, 2020, 8, 1-14.	0.1	0