

Laura Gargiulo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

210
citations

1040056

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1199594

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g-index

13
all docs

13
docs citations

13
times ranked

319
citing authors

#	ARTICLE	IF	CITATIONS
1	Natural restoration of soils on mine heaps with similar technogenic parent material: A case study of long-term soil evolution in Silesian-Krakow Upland Poland. <i>Geoderma</i> , 2016, 261, 141-150.	5.1	36
2	Image analysis and soil micromorphology applied to study physical mechanisms of soil pore development: An experiment using iron oxides and calcium carbonate. <i>Geoderma</i> , 2013, 197-198, 151-160.	5.1	32
3	Effect of rock fragments on soil porosity: a laboratory experiment with two physically degraded soils. <i>European Journal of Soil Science</i> , 2016, 67, 597-604.	3.9	28
4	The role of rock fragments in crack and soil structure development: a laboratory experiment with a <scp>V</scp>ertisol. <i>European Journal of Soil Science</i> , 2015, 66, 757-766.	3.9	24
5	Morpho-densitometric traits for quinoa (<i>Chenopodium quinoa</i> Willd.) seed phenotyping by two X-ray micro-CT scanning approaches. <i>Journal of Cereal Science</i> , 2019, 90, 102829.	3.7	21
6	Chemotropic vs Hydrotropic Stimuli for Root Growth Orientation in Microgravity. <i>Frontiers in Plant Science</i> , 2019, 10, 1547.	3.6	16
7	Disruption of the <i>Lotus japonicus</i> transporter LjNPF2.9 increases shoot biomass and nitrate content without affecting symbiotic performances. <i>BMC Plant Biology</i> , 2019, 19, 380.	3.6	14
8	Micro-CT imaging of tomato seeds: Predictive potential of 3D morphometry on germination. <i>Biosystems Engineering</i> , 2020, 200, 112-122.	4.3	13
9	3D imaging of bean seeds: Correlations between hilum region structures and hydration kinetics. <i>Food Research International</i> , 2020, 134, 109211.	6.2	10
10	Effects of iron-based amendments on soil structure: a lab experiment using soil micromorphology and image analysis of pores. <i>Journal of Soils and Sediments</i> , 2014, 14, 1370-1377.	3.0	8
11	Soil burrow characterization by 3D image analysis: Prediction of macroinvertebrate groups from biopore size distribution parameters. <i>Geoderma</i> , 2021, 404, 115292.	5.1	6
12	Automatic cell identification and counting of leaf epidermis for plant phenotyping. <i>MethodsX</i> , 2020, 7, 100860.	1.6	2
13	A radiographic method for the measurement of soil core volume in shrinkage analysis. <i>Geoderma</i> , 2021, 404, 115291.	5.1	0