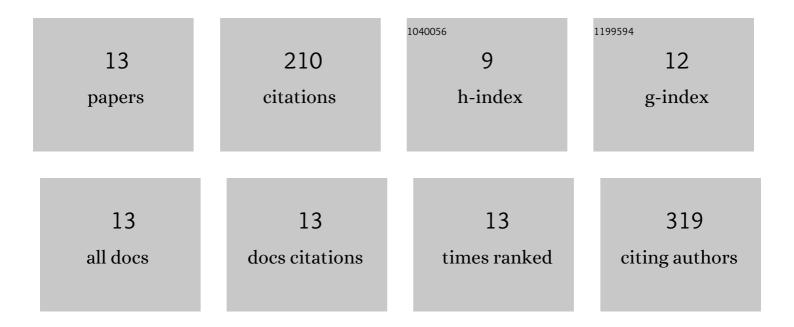
Laura Gargiulo

List of Publications by Year in descending order

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