Luciano Gristina

List of Publications by Year in descending order

29 papers	1,237 citations	394421 19 h-index	477307 29 g-index
29 all docs	29 docs citations	29 times ranked	1716 citing authors

#	Article	IF	Citations
1	Rethinking vineyard ground management to counter soil tillage erosion. Soil and Tillage Research, 2022, 217, 105275.	5.6	8
2	Effect of Standard Disk Plough on Soil Translocation in Sloping Sicilian Vineyards. Land, 2022, 11, 148.	2.9	2
3	Cover crop management and water conservation in vineyard and olive orchards. Soil and Tillage Research, 2021, 208, 104896.	5.6	105
4	No till soil organic carbon sequestration could be overestimated when slope effect is not considered. Science of the Total Environment, 2021, 757, 143758.	8.0	9
5	Aridity index, soil erosion and climate drive no-till ecosystem services trade-off in Mediterranean arable land. Catena, 2021, 203, 105350.	5.0	5
6	Soil organic carbon stocks under recommended management practices in different soils of semiarid vineyards. Land Degradation and Development, 2020, 31, 1906-1914.	3.9	8
7	Durum wheat yield uncertainty under different tillage management practices and climatic conditions. Soil and Tillage Research, 2019, 194, 104346.	5.6	9
8	Carbon stock increases up to old growth forest along a secondary succession in Mediterranean island ecosystems. PLoS ONE, 2019, 14, e0220194.	2.5	24
9	Time Scale Effects and Interactions of Rainfall Erosivity and Cover Management Factors on Vineyard Soil Loss Erosion in the Semi-Arid Area of Southern Sicily. Water (Switzerland), 2019, 11, 978.	2.7	40
10	Root growth and soil carbon turnover in Opuntia ficus-indica as affected by soil volume availability. European Journal of Agronomy, 2019, 105, 104-110.	4.1	16
11	Real cover crops contribution to soil organic carbon sequestration in sloping vineyard. Science of the Total Environment, 2019, 652, 300-306.	8.0	77
12	The impact of soil erosion on soil fertility and vine vigor. A multidisciplinary approach based on field, laboratory and remote sensing approaches. Science of the Total Environment, 2018, 622-623, 474-480.	8.0	75
13	Sustainable vineyard floor management: An equilibrium between water consumption and soil conservation. Current Opinion in Environmental Science and Health, 2018, 5, 33-37.	4.1	28
14	Nitrogen losses in vineyards under different types of soil groundcover. A field runoff simulator approach in central Spain. Agriculture, Ecosystems and Environment, 2017, 236, 256-267.	5.3	109
15	Agricultural land abandonment in Mediterranean environment provides ecosystem services via soil carbon sequestration. Science of the Total Environment, 2017, 576, 420-429.	8.0	107
16	Longâ€Term Durum Wheatâ€Based Cropping Systems Result in the Rapid Saturation of Soil Carbon in the Mediterranean Semiâ€arid Environment. Land Degradation and Development, 2016, 27, 612-619.	3.9	33
17	Carbon input threshold for soil carbon budget optimization in eroding vineyards. Geoderma, 2016, 271, 144-149.	5.1	78
18	The impact of Carpobrotus cfr. acinaciformis (L.) L. Bolus on soil nutrients, microbial communities structure and native plant communities in Mediterranean ecosystems. Plant and Soil, 2016, 409, 19-34.	3.7	33

#	Article	IF	Citations
19	Actual provision as an alternative criterion to improve the efficiency of payments for ecosystem services for C sequestration in semiarid vineyards. Agricultural Systems, 2016, 144, 58-64.	6.1	59
20	Understanding the role of soil erosion on co 2 -c loss using 13 c isotopic signatures in abandoned Mediterranean agricultural land. Science of the Total Environment, 2016, 550, 330-336.	8.0	90
21	Towards More Efficient Incentives for Agriâ€environment Measures in Degraded and Eroded Vineyards. Land Degradation and Development, 2015, 26, 557-564.	3.9	57
22	Afforestation and Reforestation: The Sicilian Case Study. Environmental Science and Engineering, 2015, , 173-184.	0.2	1
23	Relationship between recruitment and mother plant vitality in the alien species Acacia cyclops A. Cunn. ex G. Don. Forest Ecology and Management, 2014, 331, 237-244.	3.2	9
24	Dynamics of soil organic carbon pools after agricultural abandonment. Geoderma, 2014, 235-236, 191-198.	5.1	58
25	Soil carbon dynamics as affected by long-term contrasting cropping systems and tillages under semiarid Mediterranean climate. Applied Soil Ecology, 2014, 73, 140-147.	4.3	39
26	Carbon dynamics of soil organic matter in bulk soil and aggregate fraction during secondary succession in a Mediterranean environment. Geoderma, 2013, 193-194, 213-221.	5.1	53
27	From pedologic indications to archaeological reconstruction: deciphering land use in the Islamic period in the Baida district (north-western Sicily). Journal of Archaeological Science, 2013, 40, 2670-2685.	2.4	11
28	Paired-site approach for studying soil organic carbon dynamics in a Mediterranean semiarid environment. Catena, 2012, 89, 1-7.	5.0	62
29	Effects of soil compaction, rain exposure and their interaction on soil carbon dioxide emission. Earth Surface Processes and Landforms, 2012, 37, 994-999.	2.5	32