

# Luciano Gristina

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/371404/publications.pdf>

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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	Nitrogen losses in vineyards under different types of soil groundcover. A field runoff simulator approach in central Spain. <i>Agriculture, Ecosystems and Environment</i> , 2017, 236, 256-267.	5.3	109
2	Agricultural land abandonment in Mediterranean environment provides ecosystem services via soil carbon sequestration. <i>Science of the Total Environment</i> , 2017, 576, 420-429.	8.0	107
3	Cover crop management and water conservation in vineyard and olive orchards. <i>Soil and Tillage Research</i> , 2021, 208, 104896.	5.6	105
4	Understanding the role of soil erosion on CO <sub>2</sub> -C loss using <sup>13</sup> C isotopic signatures in abandoned Mediterranean agricultural land. <i>Science of the Total Environment</i> , 2016, 550, 330-336.	8.0	90
5	Carbon input threshold for soil carbon budget optimization in eroding vineyards. <i>Geoderma</i> , 2016, 271, 144-149.	5.1	78
6	Real cover crops contribution to soil organic carbon sequestration in sloping vineyard. <i>Science of the Total Environment</i> , 2019, 652, 300-306.	8.0	77
7	The impact of soil erosion on soil fertility and vine vigor. A multidisciplinary approach based on field, laboratory and remote sensing approaches. <i>Science of the Total Environment</i> , 2018, 622-623, 474-480.	8.0	75
8	Paired-site approach for studying soil organic carbon dynamics in a Mediterranean semiarid environment. <i>Catena</i> , 2012, 89, 1-7.	5.0	62
9	Actual provision as an alternative criterion to improve the efficiency of payments for ecosystem services for C sequestration in semiarid vineyards. <i>Agricultural Systems</i> , 2016, 144, 58-64.	6.1	59
10	Dynamics of soil organic carbon pools after agricultural abandonment. <i>Geoderma</i> , 2014, 235-236, 191-198.	5.1	58
11	Towards More Efficient Incentives for Agri-Environment Measures in Degraded and Eroded Vineyards. <i>Land Degradation and Development</i> , 2015, 26, 557-564.	3.9	57
12	Carbon dynamics of soil organic matter in bulk soil and aggregate fraction during secondary succession in a Mediterranean environment. <i>Geoderma</i> , 2013, 193-194, 213-221.	5.1	53
13	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. <i>Water (Switzerland)</i> , 2019, 11, 978.	2.7	40
14	Soil carbon dynamics as affected by long-term contrasting cropping systems and tillages under semiarid Mediterranean climate. <i>Applied Soil Ecology</i> , 2014, 73, 140-147.	4.3	39
15	Long-Term Durum Wheat-Based Cropping Systems Result in the Rapid Saturation of Soil Carbon in the Mediterranean Semi-Arid Environment. <i>Land Degradation and Development</i> , 2016, 27, 612-619.	3.9	33
16	The impact of <i>Carpobrotus</i> cfr. <i>acinaciformis</i> (L.) L. Bolus on soil nutrients, microbial communities structure and native plant communities in Mediterranean ecosystems. <i>Plant and Soil</i> , 2016, 409, 19-34.	3.7	33
17	Effects of soil compaction, rain exposure and their interaction on soil carbon dioxide emission. <i>Earth Surface Processes and Landforms</i> , 2012, 37, 994-999.	2.5	32
18	Sustainable vineyard floor management: An equilibrium between water consumption and soil conservation. <i>Current Opinion in Environmental Science and Health</i> , 2018, 5, 33-37.	4.1	28

#	ARTICLE	IF	CITATIONS
19	Carbon stock increases up to old growth forest along a secondary succession in Mediterranean island ecosystems. PLoS ONE, 2019, 14, e0220194.	2.5	24
20	Root growth and soil carbon turnover in <i>Opuntia ficus-indica</i> as affected by soil volume availability. European Journal of Agronomy, 2019, 105, 104-110.	4.1	16
21	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
22	Relationship between recruitment and mother plant vitality in the alien species <i>Acacia cyclops</i> A. Cunn. ex G. Don. Forest Ecology and Management, 2014, 331, 237-244.	3.2	9
23	Durum wheat yield uncertainty under different tillage management practices and climatic conditions. Soil and Tillage Research, 2019, 194, 104346.	5.6	9
24	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
25	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
26	Rethinking vineyard ground management to counter soil tillage erosion. Soil and Tillage Research, 2022, 217, 105275.	5.6	8
27	Aridity index, soil erosion and climate drive no-till ecosystem services trade-off in Mediterranean arable land. Catena, 2021, 203, 105350.	5.0	5
28	Effect of Standard Disk Plough on Soil Translocation in Sloping Sicilian Vineyards. Land, 2022, 11, 148.	2.9	2
29	Afforestation and Reforestation: The Sicilian Case Study. Environmental Science and Engineering, 2015, , 173-184.	0.2	1