Claudia Di Bene

List of Publications by Year
in descending order

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32 papers	1,011 citations	471509 17 h-index	501196 28 g-index
32 all docs	32 docs citations	32 times ranked	1805 citing authors

#	Article	IF	Citations
1	Soil respiration: implications of the plantâ€soil continuum and respiration chamber collarâ€insertion depth on measurement and modelling of soil CO₂ efflux rates in three ecosystems. European Journal of Soil Science, 2011, 62, 82-94.	3.9	96
2	Capability of Sentinel-2 data for estimating maximum evapotranspiration and irrigation requirements for tomato crop in Central Italy. Remote Sensing of Environment, 2018, 215, 452-470.	11.0	91
3	Short- and long-term effects of olive mill wastewater land spreading on soil chemical and biological properties. Soil Biology and Biochemistry, 2013, 56, 21-30.	8.8	89
4	Soil carbon and nitrogen changes after 28 years of no-tillage management under Mediterranean conditions. European Journal of Agronomy, 2016, 77, 156-165.	4.1	72
5	Energy efficiency in long-term Mediterranean cropping systems with different management intensities. Energy, 2011, 36, 1924-1930.	8.8	57
6	Impact on soil quality of a 10-year-old short-rotation coppice poplar stand compared with intensive agricultural and uncultivated systems in a Mediterranean area. Agriculture, Ecosystems and Environment, 2011, 140, 245-254.	5.3	54
7	Ensemble modelling, uncertainty and robust predictions of organic carbon in longâ€term bareâ€fallow soils. Global Change Biology, 2021, 27, 904-928.	9.5	52
8	Greenhouse gas emissions in the agricultural phase of wine production in the Maremma rural district in Tuscany, Italy. Italian Journal of Agronomy, 2011, 6, 15.	1.0	50
9	Rainfed Wheat and Soybean Productivity in a Long-Term Tillage Experiment in Central Italy. Agronomy Journal, 2008, 100, 1418-1429.	1.8	48
10	Soil organic matter accounting in the carbon footprint analysis of the wine chain. International Journal of Life Cycle Assessment, 2013, 18, 973-989.	4.7	46
11	Modeling regional soil C stocks and CO2 emissions under Mediterranean cropping systems and soil types. Agriculture, Ecosystems and Environment, 2017, 238, 128-141.	5.3	46
12	Assessing â€œ4 per 1000â€•soil organic carbon storage rates under Mediterranean climate: a comprehensive data analysis. Mitigation and Adaptation Strategies for Global Change, 2019, 24, 795-818.	2.1	42
13	Soil organic carbon sequestration and tillage systems in the Mediterranean Basin: a data mining approach. Nutrient Cycling in Agroecosystems, 2017, 107, 125-137.	2.2	36
14	Environmental and biological controls on CH 4 exchange over an evergreen Mediterranean forest. Agricultural and Forest Meteorology, 2016, 226-227, 67-79.	4.8	28
15	Combined agro-ecological strategies for adaptation of organic horticultural systems to climate change in Mediterranean environment. Italian Journal of Agronomy, 2016, 11, 85-91.	1.0	27
16	Achievable agricultural soil carbon sequestration across Europe from countryâ€specific estimates. Global Change Biology, 2021, 27, 6363-6380.	9.5	27
17	Changes in soil chemical parameters and organic matter balance after 13 years of ramie [Boehmeria nivea (L.) Gaud.] cultivation in the Mediterranean region. European Journal of Agronomy, 2011, 35, 154-163.	4.1	19
18	Modelling the impacts of different carbon sources on the soil organic carbon stock and CO 2 emissions in the Foggia province (Southern Italy). Agricultural Systems, 2017, 157, 258-268.	6.1	18

#	Article	IF	Citations
19	Diversified Arable Cropping Systems and Management Schemes in Selected European Regions Have Positive Effects on Soil Organic Carbon Content. Agriculture (Switzerland), 2019, 9, 261.	3.1	16
20	Deficit Drip Irrigation in Processing Tomato Production in the Mediterranean Basin. A Data Analysis for Italy. Agriculture (Switzerland), 2019, 9, 79.	3.1	15
21	Diversification and Management Practices in Selected European Regions. A Data Analysis of Arable Crops Production. Agronomy, 2020, 10, 297.	3.0	13
22	Changes in soil quality following poplar short-rotation forestry under different cutting cycles. Italian Journal of Agronomy, 2011, 6, 6.	1.0	12
23	Soil organic carbon dynamics in typical durum wheat-based crop rotations of Southern Italy. Italian Journal of Agronomy, 2016, 11, 209-216.	1.0	12
24	Assessing Nitrogen Use Efficiency and Nitrogen Loss in a Forage-Based System Using a Modeling Approach. Agronomy, 2016, 6, 23.	3.0	10
25	Factors affecting soil organic matter conservation in Mediterranean hillside winter cereals-legumes cropping systems. Italian Journal of Agronomy, 2012, 7, 38.	1.0	8
26	EPIC model simulation to assess effective agro-ecological practices for climate change mitigation and adaptation in organic vegetable system. Agronomy for Sustainable Development, 2022, 42, 1.	5.3	8
27	Barriers and Opportunities for Sustainable Farming Practices and Crop Diversification Strategies in Mediterranean Cereal-Based Systems. Frontiers in Environmental Science, 0, 10, .	3.3	8
28	Do Crop Rotations Improve the Adaptation of Agricultural Systems to Climate Change? A Modeling Approach to Predict the Effect of Durum Wheat-Based Rotations on Soil Organic Carbon and Nitrogen. , 2018, , 221-236.		4
29	Introduction of Cardoon (Cynara cardunculus L.) in a Rainfed Rotation to Improve Soil Organic Carbon Stock in Marginal Lands. Agronomy, 2020, 10, 946.	3.0	4
30	Agricultural Diversification. Agriculture (Switzerland), 2022, 12, 369.	3.1	2
31	Agricultural activities effects on groundwater contamination in a Nitrate Vulnerable Zone of Latina Province. Rendiconti Online Societa Geologica Italiana, 0, 42, 46-49.	0.3	1
32	Soil rooting depth of Italy. Journal of Maps, 2020, 16, 36-42.	2.0	0