

# 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  | EPIC model simulation to assess effective agro-ecological practices for climate change mitigation and adaptation in organic vegetable system. <i>Agronomy for Sustainable Development</i> , 2022, 42, 1.             | 5.3  | 8         |
| 2  | Agricultural Diversification. <i>Agriculture (Switzerland)</i> , 2022, 12, 369.  | 3.1  | 2         |
| 3  | Ensemble modelling, uncertainty and robust predictions of organic carbon in long-term bare-fallow soils. <i>Global Change Biology</i> , 2021, 27, 904-928.   | 9.5  | 52        |
| 4  | Achievable agricultural soil carbon sequestration across Europe from country-specific estimates. <i>Global Change Biology</i> , 2021, 27, 6363-6380.   | 9.5  | 27        |
| 5  | Introduction of Cardoon ( <i>Cynara cardunculus</i> L.) in a Rainfed Rotation to Improve Soil Organic Carbon Stock in Marginal Lands. <i>Agronomy</i> , 2020, 10, 946.   | 3.0  | 4         |
| 6  | Diversification and Management Practices in Selected European Regions. A Data Analysis of Arable Crops Production. <i>Agronomy</i> , 2020, 10, 297.  | 3.0  | 13        |
| 7  | Soil rooting depth of Italy. <i>Journal of Maps</i> , 2020, 16, 36-42.   | 2.0  | 0         |
| 8  | Deficit Drip Irrigation in Processing Tomato Production in the Mediterranean Basin. A Data Analysis for Italy. <i>Agriculture (Switzerland)</i> , 2019, 9, 79.   | 3.1  | 15        |
| 9  | Diversified Arable Cropping Systems and Management Schemes in Selected European Regions Have Positive Effects on Soil Organic Carbon Content. <i>Agriculture (Switzerland)</i> , 2019, 9, 261.                       | 3.1  | 16        |
| 10 | Assessing 4 per 1000 soil organic carbon storage rates under Mediterranean climate: a comprehensive data analysis. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 795-818.                | 2.1  | 42        |
| 11 | 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         |
| 12 | Capability of Sentinel-2 data for estimating maximum evapotranspiration and irrigation requirements for tomato crop in Central Italy. <i>Remote Sensing of Environment</i> , 2018, 215, 452-470.                     | 11.0 | 91        |
| 13 | Soil organic carbon sequestration and tillage systems in the Mediterranean Basin: a data mining approach. <i>Nutrient Cycling in Agroecosystems</i> , 2017, 107, 125-137.  | 2.2  | 36        |
| 14 | Modelling the impacts of different carbon sources on the soil organic carbon stock and CO <sub>2</sub> emissions in the Foggia province (Southern Italy). <i>Agricultural Systems</i> , 2017, 157, 258-268.          | 6.1  | 18        |
| 15 | Modeling regional soil C stocks and CO <sub>2</sub> emissions under Mediterranean cropping systems and soil types. <i>Agriculture, Ecosystems and Environment</i> , 2017, 238, 128-141.                              | 5.3  | 46        |
| 16 | Assessing Nitrogen Use Efficiency and Nitrogen Loss in a Forage-Based System Using a Modeling Approach. <i>Agronomy</i> , 2016, 6, 23.   | 3.0  | 10        |
| 17 | Soil organic carbon dynamics in typical durum wheat-based crop rotations of Southern Italy. <i>Italian Journal of Agronomy</i> , 2016, 11, 209-216.  | 1.0  | 12        |
| 18 | Combined agro-ecological strategies for adaptation of organic horticultural systems to climate change in Mediterranean environment. <i>Italian Journal of Agronomy</i> , 2016, 11, 85-91.                            | 1.0  | 27        |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Soil carbon and nitrogen changes after 28 years of no-tillage management under Mediterranean conditions. <i>European Journal of Agronomy</i> , 2016, 77, 156-165.   | 4.1 | 72        |
| 20 | Environmental and biological controls on CH <sub>4</sub> exchange over an evergreen Mediterranean forest. <i>Agricultural and Forest Meteorology</i> , 2016, 226-227, 67-79.  | 4.8 | 28        |
| 21 | Soil organic matter accounting in the carbon footprint analysis of the wine chain. <i>International Journal of Life Cycle Assessment</i> , 2013, 18, 973-989.   | 4.7 | 46        |
| 22 | Short- and long-term effects of olive mill wastewater land spreading on soil chemical and biological properties. <i>Soil Biology and Biochemistry</i> , 2013, 56, 21-30.  | 8.8 | 89        |
| 23 | Factors affecting soil organic matter conservation in Mediterranean hillside winter cereals-legumes cropping systems. <i>Italian Journal of Agronomy</i> , 2012, 7, 38.   | 1.0 | 8         |
| 24 | Greenhouse gas emissions in the agricultural phase of wine production in the Maremma rural district in Tuscany, Italy. <i>Italian Journal of Agronomy</i> , 2011, 6, 15.  | 1.0 | 50        |
| 25 | Changes in soil quality following poplar short-rotation forestry under different cutting cycles. <i>Italian Journal of Agronomy</i> , 2011, 6, 6.   | 1.0 | 12        |
| 26 | Soil respiration: implications of the plant-soil continuum and respiration chamber collar insertion depth on measurement and modelling of soil CO <sub>2</sub> efflux rates in three ecosystems. <i>European Journal of Soil Science</i> , 2011, 62, 82-94. | 3.9 | 96        |
| 27 | Changes in soil chemical parameters and organic matter balance after 13 years of ramie [ <i>Boehmeria nivea</i> (L.) Gaud.] cultivation in the Mediterranean region. <i>European Journal of Agronomy</i> , 2011, 35, 154-163.                               | 4.1 | 19        |
| 28 | 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. <i>Agriculture, Ecosystems and Environment</i> , 2011, 140, 245-254.                     | 5.3 | 54        |
| 29 | Energy efficiency in long-term Mediterranean cropping systems with different management intensities. <i>Energy</i> , 2011, 36, 1924-1930.   | 8.8 | 57        |
| 30 | Rainfed Wheat and Soybean Productivity in a Long-Term Tillage Experiment in Central Italy. <i>Agronomy Journal</i> , 2008, 100, 1418-1429.  | 1.8 | 48        |
| 31 | Agricultural activities effects on groundwater contamination in a Nitrate Vulnerable Zone of Latina Province. <i>Rendiconti Online Societa Geologica Italiana</i> , 0, 42, 46-49.   | 0.3 | 1         |
| 32 | Barriers and Opportunities for Sustainable Farming Practices and Crop Diversification Strategies in Mediterranean Cereal-Based Systems. <i>Frontiers in Environmental Science</i> , 0, 10, .  | 3.3 | 8         |