

Matias Duval

List of Publications by Year in descending order

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17
papers

544
citations

840776

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940533

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times ranked

724
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Analysis of organic fractions as indicators of soil quality under natural and cultivated systems. <i>Soil and Tillage Research</i> , 2013, 131, 11-19. | 5.6 | 94 |
| 2 | Winter cover crops in soybean monoculture: Effects on soil organic carbon and its fractions. <i>Soil and Tillage Research</i> , 2016, 161, 95-105. | 5.6 | 87 |
| 3 | Bacterial Indicator of Agricultural Management for Soil under No-Till Crop Production. <i>PLoS ONE</i> , 2012, 7, e51075. | 2.5 | 77 |
| 4 | Labile soil organic carbon for assessing soil quality: influence of management practices and edaphic conditions. <i>Catena</i> , 2018, 171, 316-326. | 5.0 | 64 |
| 5 | Tillage effects on labile pools of soil organic nitrogen in a semi-humid climate of Argentina: A long-term field study. <i>Soil and Tillage Research</i> , 2017, 169, 71-80. | 5.6 | 39 |
| 6 | Soil stabilisation by water repellency under no-till management for soils with contrasting mineralogy and carbon quality. <i>Geoderma</i> , 2019, 355, 113902. | 5.1 | 35 |
| 7 | Sensitivity of different soil quality indicators to assess sustainable land management: Influence of site features and seasonality. <i>Soil and Tillage Research</i> , 2016, 159, 9-22. | 5.6 | 28 |
| 8 | Nitrogen balance in a plant-soil system under different cover crop-soybean cropping in Argentina. <i>Applied Soil Ecology</i> , 2019, 133, 124-131. | 4.3 | 26 |
| 9 | Morpho-structural evaluation of various soils subjected to different use intensity under no-tillage. <i>Soil and Tillage Research</i> , 2017, 169, 124-137. | 5.6 | 22 |
| 10 | Assessing soil quality indices based on soil organic carbon fractions in different long-term wheat systems under semiarid conditions. <i>Soil Use and Management</i> , 2020, 36, 71-82. | 4.9 | 20 |
| 11 | Continuous Wheat in Semiarid Regions. <i>Soil Science</i> , 2014, 179, 284-292. | 0.9 | 17 |
| 12 | Estimating soil organic carbon in Mollisols and its particle-size fractions by loss-on-ignition in the semiarid and semihumid Argentinean Pampas. <i>Geoderma Regional</i> , 2018, 12, 49-55. | 2.1 | 12 |
| 13 | Soil quality assessment based on soil organic matter pools under long-term tillage systems and following tillage conversion in a semi-humid region. <i>Soil Use and Management</i> , 2020, 36, 400-409. | 4.9 | 10 |
| 14 | Influence of edaphic and management factors on soils aggregates stability under no-tillage in Mollisols and Vertisols of the Pampa Region, Argentina. <i>Soil and Tillage Research</i> , 2021, 209, 104901. | 5.6 | 10 |
| 15 | Nitrogen mineralization indicators under semi-arid and semi-humid conditions: influence on wheat yield and nitrogen uptake. <i>Communications in Soil Science and Plant Analysis</i> , 2018, 49, 1907-1921. | 1.4 | 2 |
| 16 | Use of a three-compartment model to evaluate the dynamics of cover crop residues. <i>Archives of Agronomy and Soil Science</i> , 2017, 63, 1623-1629. | 2.6 | 1 |
| 17 | A rapid method for estimating labile carbon and nitrogen pools in Mollisols under no-tillage. <i>Archives of Agronomy and Soil Science</i> , 2018, 64, 1321-1327. | 2.6 | 0 |