

Mara Regina Moitinho

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

273
citations

933447

10
h-index

940533

16
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23
all docs

23
docs citations

23
times ranked

343
citing authors

#	ARTICLE	IF	CITATIONS
1	Soil CO ₂ emission and short-term soil pore class distribution after tillage operations. <i>Soil and Tillage Research</i> , 2019, 186, 224-232.	5.6	44
2	On the spatial and temporal dependence of CO ₂ emission on soil properties in sugarcane (<i>Saccharum</i>) Tj ETQq0 0 0 rgBT /Overlock 10 T	3.6	31
3	Efeito do preparo do solo e resíduo da colheita de cana-de-açúcar sobre a emissão de CO ₂ . <i>Revista Brasileira De Ciencia Do Solo</i> , 2013, 37, 1720-1728.	1.3	26
4	Effects of long-term no-tillage systems with different succession cropping strategies on the variation of soil CO ₂ emission. <i>Science of the Total Environment</i> , 2019, 686, 413-424.	8.0	21
5	For how long does the quality and quantity of residues in the soil affect the carbon compartments and CO ₂ -C emissions?. <i>Journal of Soils and Sediments</i> , 2016, 16, 2354-2364.	3.0	19
6	Greenhouse gas emissions in conversion from extensive pasture to other agricultural systems in the Andean region of Colombia. <i>Environment, Development and Sustainability</i> , 2019, 21, 249-262.	5.0	14
7	Crop rotation and succession in a no-tillage system: Implications for CO ₂ emission and soil attributes. <i>Journal of Environmental Management</i> , 2019, 245, 8-15.	7.8	13
8	Arbuscular mycorrhizal fungi and soil aggregation in a no-tillage system with crop rotation. <i>Journal of Plant Nutrition and Soil Science</i> , 2020, 183, 482-491.	1.9	13
9	Effects of burned and unburned sugarcane harvesting systems on soil CO ₂ emission and soil physical, chemical, and microbiological attributes. <i>Catena</i> , 2021, 196, 104903.	5.0	12
10	Ratio of CO ₂ and O ₂ as index for categorising soil biological activity in sugarcane areas under contrasting straw management regimes. <i>Soil Research</i> , 2018, 56, 373.	1.1	11
11	Soil carbon dioxide emission associated with soil porosity after sugarcane field reform. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2019, 24, 113-127.	2.1	11
12	Avoiding burning practice and its consequences on the greenhouse gas emission in sugarcane areas southern Brazil. <i>Environmental Science and Pollution Research</i> , 2022, 29, 719-730.	5.3	10
13	Soil Factors Influencing Nematode Spatial Variability in Soybean. <i>Agronomy Journal</i> , 2017, 109, 610-619.	1.8	9
14	Soil Greenhouse Gases: Relations to Soil Attributes in a Sugarcane Production Area. <i>Soil Science Society of America Journal</i> , 2017, 81, 1168-1178.	2.2	7
15	Crop rotation and sequence effects on temporal variation of CO ₂ emissions after long-term no-till application. <i>Science of the Total Environment</i> , 2020, 709, 136107.	8.0	6
16	Soil CO ₂ emission and soil attributes associated with the microbiota of a sugarcane area in southern Brazil. <i>Scientific Reports</i> , 2021, 11, 8325.	3.3	6
17	Can Partial Cultivation of Only The Sugarcane Row Reduce Carbon Dioxide Emissions in an Oxisol and Ultisol?. <i>Agronomy Journal</i> , 2017, 109, 1113-1121.	1.8	5
18	SPATIAL UNCERTAINTY OF NUTRIENT LOSS BY EROSION IN SUGARCANE HARVESTING SCENARIOS. <i>Revista Brasileira De Ciencia Do Solo</i> , 2015, 39, 1181-1189.	1.3	4

#	ARTICLE	IF	CITATIONS
19	Short-Term Soil CO ₂ Emission and Soil Attributes Under Contrasting Sugarcane Cultivars. Sugar Tech, 2018, 20, 658-668.	1.8	3
20	Short-term spatiotemporal variation of soil CO ₂ emission, temperature, moisture and aeration in sugarcane field reform areas under the influence of precipitation events. Soil Use and Management, 2020, 36, 658-670.	4.9	3
21	Soil carbon stock estimations: methods and a case study of the Maranhão State, Brazil. Environment, Development and Sustainability, 2021, 23, 16410-16427.	5.0	2
22	ARBUSCULAR MYCORRHIZAL FUNGI ON THE INITIAL GROWTH AND NUTRITION OF <i>Parkia Platycephala</i> BENTH. UNDER WATER STRESS. Cerne, 2020, 26, 66-74.	0.9	2
23	Associative diazotrophic bacteria inoculated in sugarcane cultivars: implications on morphophysiological attributes and plant nutrition. Revista Brasileira De Ciencia Do Solo, 2020, 44, .	1.3	1