

Rodrigo S Nicoloso

List of Publications by Year in descending order

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42
papers

1,010
citations

430754

18
h-index

454834

30
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43
all docs

43
docs citations

43
times ranked

1272
citing authors

#	ARTICLE	IF	CITATIONS
1	Atributos físicos do solo em sistema de integração lavoura-pecuária sob plantio direto. Revista Brasileira De Ciencia Do Solo, 2007, 31, 1131-1140.	0.5	97
2	Matéria seca, relação C/N e acúmulo de nitrogênio, fósforo e potássio em misturas de plantas de cobertura de solo. Revista Brasileira De Ciencia Do Solo, 2003, 27, 325-334.	0.5	78
3	Correlating denitrifying catabolic genes with N ₂ O and N ₂ emissions from swine slurry composting. Bioresource Technology, 2013, 140, 368-375.	4.8	66
4	Eficiência da escarificação mecânica e biológica na melhoria dos atributos físicos de um latossolo muito argiloso e no incremento do rendimento de soja. Revista Brasileira De Ciencia Do Solo, 2008, 32, 1723-1734.	0.5	55
5	Soil Organic Carbon, Aggregation, and Microbial Community Structure in Annual and Perennial Biofuel Crops. Agronomy Journal, 2019, 111, 128-142.	0.9	51
6	Egg quality assessment at different storage conditions, seasons and laying hen strains. Ciencia E Agrotecnologia, 2017, 41, 322-333.	1.5	50
7	Soil carbon stratification affected by long-term tillage and cropping systems in southern Brazil. Soil and Tillage Research, 2013, 133, 65-74.	2.6	48
8	Carbon stock and its compartments in a subtropical oxisol under long-term tillage and crop rotation systems. Revista Brasileira De Ciencia Do Solo, 2011, 35, 805-817.	0.5	43
9	Determining the effects of tillage and nitrogen sources on soil N ₂ O emission. Soil and Tillage Research, 2018, 175, 1-12.	2.6	43
10	Assessment of N ₂ O emission from a photobioreactor treating ammonia-rich swine wastewater digestate. Bioresource Technology, 2013, 149, 327-332.	4.8	36
11	Carbon saturation and translocation in a no-till soil under organic amendments. Agriculture, Ecosystems and Environment, 2018, 264, 73-84.	2.5	36
12	Manejo das pastagens de inverno e potencial produtivo de sistemas de integração lavoura-pecuária no Estado do Rio Grande do Sul. Ciencia Rural, 2006, 36, 1799-1805.	0.3	29
13	Intensification of no-till agricultural systems: An opportunity for carbon sequestration. Soil Science Society of America Journal, 2021, 85, 1395-1409.	1.2	26
14	Balanco do carbono orgânico no solo sob integração lavoura-pecuária no sul do Brasil. Revista Brasileira De Ciencia Do Solo, 2008, 32, 2425-2433.	0.5	23
15	Short-term carbon dioxide emission under contrasting soil disturbance levels and organic amendments. Soil and Tillage Research, 2015, 146, 184-192.	2.6	22
16	Effect of ¹⁵ N-labeled hairy vetch and nitrogen fertilization on maize nutrition and yield under no-tillage. Revista Brasileira De Ciencia Do Solo, 2011, 35, 1337-1345.	0.5	22
17	Gas chromatography and photoacoustic spectroscopy for the assessment of soil greenhouse gases emissions. Ciencia Rural, 2013, 43, 262-269.	0.3	20
18	Organic, organomineral, and mineral fertilizers with urease and nitrification inhibitors for wheat and corn under no-tillage. Pesquisa Agropecuaria Brasileira, 2016, 51, 916-924.	0.9	20

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19	Early adoption of no-till mitigates soil organic carbon and nitrogen losses due to land use change. Soil and Tillage Research, 2020, 204, 104728.	2.6	19
20	Diversified crop rotation with no-till changes microbial distribution with depth and enhances activity in a subtropical Oxisol. European Journal of Soil Science, 2020, 71, 1173-1187.	1.8	19
21	Alterações nos atributos físicos de um latossolo vermelho sob plantio direto induzidas por diferentes tipos de escarificadores e o rendimento da soja. Revista Brasileira De Ciencia Do Solo, 2011, 35, 2115-2126.	0.5	17
22	Optical crop sensor for variable-rate nitrogen fertilization in corn: I - plant nutrition and dry matter production. Revista Brasileira De Ciencia Do Solo, 2013, 37, 1288-1298.	0.5	17
23	Atributos físicos de um argissolo em sistemas de culturas de longa duração sob semeadura direta. Revista Brasileira De Ciencia Do Solo, 2010, 34, 1333-1342.	0.5	16
24	Modern High-Yielding Maize, Wheat and Soybean Cultivars in Response to Gypsum and Lime Application on No-Till Oxisol. Revista Brasileira De Ciencia Do Solo, 2017, 41, .	0.5	16
25	Long-term C-CO ₂ emissions and carbon crop residue mineralization in an oxisol under different tillage and crop rotation systems. Revista Brasileira De Ciencia Do Solo, 2011, 35, 819-832.	0.5	15
26	Kinetic to Saturation Model for Simulation of Soil Organic Carbon Increase to Steady State. Soil Science Society of America Journal, 2016, 80, 147-156.	1.2	15
27	Mitigation of the Gradient of Chemical Properties in the Rooting Zone of Dystrophic Oxisols by Gypsum and Lime Inputs under a No-Till System. Revista Brasileira De Ciencia Do Solo, 2017, 41, .	0.5	14
28	Assessing strategies to enhance soil carbon sequestration with the DSSAT-CENTURY model. European Journal of Soil Science, 2020, 71, 1034-1049.	1.8	14
29	Residual effect of soil tillage on water erosion from a Typic Paleudalf under long-term no-tillage and cropping systems. Revista Brasileira De Ciencia Do Solo, 2013, 37, 1689-1698.	0.5	9
30	Crescimento e absorção de nutrientes pelo feijoeiro adubado com cama de aves e fertilizantes minerais. Revista Brasileira De Ciencia Do Solo, 2013, 37, 462-471.	0.5	9
31	Optical crop sensor for variable-rate nitrogen fertilization in corn: II - indices of fertilizer efficiency and corn yield. Revista Brasileira De Ciencia Do Solo, 2013, 37, 1299-1309.	0.5	8
32	Use of Dicyandiamide to Reduce Nitrogen Loss and Nitrous Oxide Emission During Mechanically Turned Co-composting of Swine Slurry with Sawdust. Waste and Biomass Valorization, 2020, 11, 2567-2579.	1.8	8
33	Establishing environmental soil phosphorus thresholds to decrease the risk of losses to water in soils from Rio Grande do Sul, Brazil. Revista Brasileira De Ciencia Do Solo, 2020, 44, .	0.5	8
34	Methane emission factor of open deposits used to store swine slurry in Southern Brazil. Pesquisa Agropecuaria Brasileira, 2018, 53, 657-663.	0.9	7
35	Poultry Litter and Pig slurry Applications in an Integrated Crop-Livestock System. Revista Brasileira De Ciencia Do Solo, 2016, 40, .	0.5	7
36	Soil carbon dioxide flux in a no-tillage winter system. African Journal of Agricultural Research Vol Pp, 2015, 10, 450-457.	0.2	6

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37	Copper and zinc forms in soil fertilized with pig slurry in the bean crop. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2016, 20, 823-829.	0.4	6
38	Samples disturbance overestimates phosphorus adsorption capacity in soils under long-term application of pig slurry. <i>Archives of Agronomy and Soil Science</i> , 2019, 65, 1262-1272.	1.3	5
39	Effects of dicyandiamide and Mg/P on the global warming potential of swine slurry and sawdust cocomposting. <i>Environmental Science and Pollution Research</i> , 2020, 27, 30405-30418.	2.7	5
40	Linking Cover Crop Residue Quality and Tillage System to CO ₂ -C Emission, Soil C and N Stocks and Crop Yield Based on a Long-Term Experiment. <i>Agronomy</i> , 2020, 10, 1848.	1.3	3
41	Effects of biodiesel made from swine and chicken fat residues on carbon monoxide, carbon dioxide, and nitrogen oxide emissions. <i>Journal of the Air and Waste Management Association</i> , 2017, 67, 754-762.	0.9	2
42	How critical is the baseline to assess carbon sequestration in agricultural soils?. <i>IOP Conference Series: Earth and Environmental Science</i> , 2009, 6, 242035.	0.2	0