

Carlos Eduardo Cerri

List of Publications by Year in descending order

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Version: 2024-02-01

210
papers

8,752
citations

34076

52
h-index

58549

82
g-index

213
all docs

213
docs citations

213
times ranked

9019
citing authors

#	ARTICLE	IF	CITATIONS
1	Assessing biochar's porosity using a new low field NMR approach and its impacts on the retention of highly mobile herbicides. <i>Chemosphere</i> , 2022, 287, 132237.	4.2	6
2	Beneficial services of Glomalin and Arbuscular Mycorrhizal fungi in degraded soils in Brazil. <i>Scientia Agricola</i> , 2022, 79, .	0.6	10
3	Soil nitrous oxide emissions after the introduction of integrated cropping systems in subtropical condition. <i>Agriculture, Ecosystems and Environment</i> , 2022, 323, 107684.	2.5	3
4	Biochar aging: Impact of pyrolysis temperature on sediment carbon pools and the availability of arsenic and lead. <i>Science of the Total Environment</i> , 2022, 807, 151001.	3.9	9
5	Conversion of Brazilian savannah to agricultural land affects quantity and quality of labile soil organic matter. <i>Geoderma</i> , 2022, 406, 115509.	2.3	5
6	Changes in soil temperature and moisture due to sugarcane straw removal in central-southern Brazil. <i>Scientia Agricola</i> , 2022, 79, .	0.6	4
7	Changes in soil organic matter fractions induced by cropland and pasture expansion in Brazil's new agricultural frontier. <i>Geoderma Regional</i> , 2022, 28, e00474.	0.9	7
8	Soybean expansion impacts on soil organic matter in the eastern region of the Maranhão State (Northeastern Brazil). <i>Soil Use and Management</i> , 2022, 38, 1203-1216.	2.6	3
9	Sugarcane residue and N-fertilization effects on soil GHG emissions in south-central, Brazil. <i>Biomass and Bioenergy</i> , 2022, 158, 106342.	2.9	7
10	The Brazilian soil priorities. <i>Geoderma Regional</i> , 2022, 29, e00503.	0.9	1
11	Potential of no-till agriculture as a nature-based solution for climate-change mitigation in Brazil. <i>Soil and Tillage Research</i> , 2022, 220, 105368.	2.6	11
12	Impact of rainfed and irrigated agriculture systems on soil carbon stock under different climate scenarios in the semi-arid region of Brazil. <i>Journal of Arid Land</i> , 2022, 14, 359-373.	0.9	1
13	Linking land-use and land-cover transitions to their ecological impact in the Amazon. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	24
14	Changes in soil carbon and soil carbon sequestration potential under different types of pasture management in Brazil. <i>Regional Environmental Change</i> , 2022, 22, .	1.4	10
15	Soil dissolved organic carbon responses to sugarcane straw removal. <i>Soil Use and Management</i> , 2021, 37, 126-137.	2.6	15
16	Pastureland intensification and diversification in Brazil mediate soil bacterial community structure changes and soil C accumulation. <i>Applied Soil Ecology</i> , 2021, 160, 103858.	2.1	8
17	Land Use and Management Effects on Sustainable Sugarcane-Derived Bioenergy. <i>Land</i> , 2021, 10, 72.	1.2	43
18	The neglected contribution of mound-building termites on CH ₄ emissions in Brazilian pastures. <i>Revista Brasileira De Zootecnia</i> , 2021, 50, .	0.3	3

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19	Importance of sugarcane straw maintenance to prevent soil organic matter depletion in a Nitisol in the central-southern region of Brazil. <i>Soil Research</i> , 2021, 59, 119.	0.6	2
20	High Application Rates of Biochar to Mitigate N ₂ O Emissions From a N-Fertilized Tropical Soil Under Warming Conditions. <i>Frontiers in Environmental Science</i> , 2021, 8, .	1.5	13
21	Soil health response to sugarcane straw removal in Brazil. <i>Industrial Crops and Products</i> , 2021, 163, 113315.	2.5	33
22	Moderate swidden agriculture inside dense evergreen ombrophilous forests can sustain soil chemical properties over 10-15 year cycles within the Brazilian Atlantic Forest. <i>Catena</i> , 2021, 200, 105117.	2.2	5
23	Epigeic fauna (with emphasis on ant community) response to land-use change for sugarcane expansion in Brazil. <i>Acta Oecologica</i> , 2021, 110, 103702.	0.5	9
24	Multilocation changes in soil carbon stocks from sugarcane straw removal for bioenergy production in Brazil. <i>GCB Bioenergy</i> , 2021, 13, 1099-1111.	2.5	9
25	Drivers of Organic Carbon Stocks in Different LULC History and along Soil Depth for a 30 Years Image Time Series. <i>Remote Sensing</i> , 2021, 13, 2223.	1.8	22
26	Deforestation and land use change mediate soil carbon changes in the eastern Brazilian Amazon. <i>Regional Environmental Change</i> , 2021, 21, 1.	1.4	6
27	Simulation of soil carbon changes due to conventional systems in the semi-arid region of Brazil: adaptation and validation of the century model. <i>Carbon Management</i> , 2021, 12, 399-410.	1.2	4
28	Predicting soil C changes after pasture intensification and diversification in Brazil. <i>Catena</i> , 2021, 202, 105238.	2.2	13
29	Soil biota shift with land use change from pristine rainforest and Savannah (Cerrado) to agriculture in southern Amazonia. <i>Molecular Ecology</i> , 2021, 30, 4899-4912.	2.0	10
30	Consequences of land-use change in Brazil's new agricultural frontier: A soil physical health assessment. <i>Geoderma</i> , 2021, 400, 115149.	2.3	24
31	Simulation of changes in C and N stocks with land use and cover in Amazon Forest-Cerrado transition environment. <i>Geoderma</i> , 2021, 404, 115388.	2.3	3
32	Nitric and nitrous oxide fluxes from intensifying crop agriculture in the seasonally dry tropical Amazon-Cerrado border region. , 2021, 4, e20169.		5
33	Processes that influence dissolved organic matter in the soil: a review. <i>Scientia Agricola</i> , 2020, 77, .	0.6	121
34	Sugarcane straw management for bioenergy: effects of global warming on greenhouse gas emissions and soil carbon storage. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2020, 25, 559-577.	1.0	5
35	Soil microstructure alterations induced by land use change for sugarcane expansion in Brazil. <i>Soil Use and Management</i> , 2020, 36, 189-199.	2.6	11
36	Changes in soil phosphorus pool induced by pastureland intensification and diversification in Brazil. <i>Science of the Total Environment</i> , 2020, 703, 135463.	3.9	27

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37	Emissivity of agricultural soil attributes in southeastern Brazil via terrestrial and satellite sensors. <i>Geoderma</i> , 2020, 361, 114038.	2.3	16
38	Biochar-based nitrogen fertilizers: Greenhouse gas emissions, use efficiency, and maize yield in tropical soils. <i>Science of the Total Environment</i> , 2020, 704, 135375.	3.9	68
39	Linking soil engineers, structural stability, and organic matter allocation to unravel soil carbon responses to land-use change. <i>Soil Biology and Biochemistry</i> , 2020, 150, 107998.	4.2	27
40	Trade-Offs between Sugarcane Straw Removal and Soil Organic Matter in Brazil. <i>Sustainability</i> , 2020, 12, 9363.	1.6	13
41	Straw Removal Effects on Sugarcane Root System and Stalk Yield. <i>Agronomy</i> , 2020, 10, 1048.	1.3	8
42	Tropical soybean yield response to reduced or zero phosphorus fertilization depends on soils. , 2020, 3, e20113.		2
43	Biochar Amendment Enhances Water Retention in a Tropical Sandy Soil. <i>Agriculture (Switzerland)</i> , 2020, 10, 62.	1.4	19
44	Biochar and sugar cane filter cake interaction on physical and hydrological soil properties under tropical field conditions. <i>Biochar</i> , 2020, 2, 195-210.	6.2	7
45	Agrosilvopastoral Systems and Well-Managed Pastures Increase Soil Carbon Stocks in the Brazilian Cerrado. <i>Rangeland Ecology and Management</i> , 2020, 73, 776-785.	1.1	24
46	Temperature sensitivity of soil organic matter decomposition varies with biochar application and soil type. <i>Pedosphere</i> , 2020, 30, 336-342.	2.1	15
47	Near Infrared Spectroscopy and Principal Components Analysis for Investigation of Soils Submitted to Different Land Uses in the Brazilian Eastern Amazon. <i>Revista Virtual De Quimica</i> , 2020, 12, 51-62.	0.1	1
48	Sugarcane Straw Removal: Implications to Soil Fertility and Fertilizer Demand in Brazil. <i>Bioenergy Research</i> , 2019, 12, 888-900.	2.2	40
49	Does Sugarcane Straw Removal Change the Abundance of Soil Microbes?. <i>Bioenergy Research</i> , 2019, 12, 901-908.	2.2	13
50	Diffuse Reflectance Infrared Fourier Transform (DRIFT) Spectroscopy to Assess Decomposition Dynamics of Sugarcane Straw. <i>Bioenergy Research</i> , 2019, 12, 909-919.	2.2	7
51	How Much Sugarcane Straw is Needed for Covering the Soil?. <i>Bioenergy Research</i> , 2019, 12, 858-864.	2.2	18
52	Soil Bacterial Community Changes in Sugarcane Fields Under Straw Removal in Brazil. <i>Bioenergy Research</i> , 2019, 12, 830-842.	2.2	8
53	Carbon Balance in Sugarcane Areas Under Different Tillage Systems. <i>Bioenergy Research</i> , 2019, 12, 778-788.	2.2	10
54	Sustainable Sugarcane Straw Special Issue: Considerations for Brazilian Bioenergy Production. <i>Bioenergy Research</i> , 2019, 12, 746-748.	2.2	12

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55	Dynamic biochar effects on nitrogen use efficiency, crop yield and soil nitrous oxide emissions during a tropical wheat-growing season. <i>Journal of Environmental Management</i> , 2019, 252, 109638.	3.8	36
56	Decomposition of sugarcane straw: Basis for management decisions for bioenergy production. <i>Biomass and Bioenergy</i> , 2019, 122, 133-144.	2.9	35
57	Chemical, Physical, and Hydraulic Properties as Affected by One Year of Miscanthus Biochar Interaction with Sandy and Loamy Tropical Soils. <i>Soil Systems</i> , 2019, 3, 24.	1.0	13
58	Sugarcane Straw Blanket Management Effects on Plant Growth, Development, and Yield in Southeastern Brazil. <i>Crop Science</i> , 2019, 59, 1732-1744.	0.8	2
59	Effect of Biochar Particle Size on Physical, Hydrological and Chemical Properties of Loamy and Sandy Tropical Soils. <i>Agronomy</i> , 2019, 9, 165.	1.3	79
60	Prediction of Sugarcane Yield by Soil Attributes under Straw Removal Management. <i>Agronomy Journal</i> , 2019, 111, 14-23.	0.9	11
61	Is the expansion of sugarcane over pasturelands a sustainable strategy for Brazil's bioenergy industry?. <i>Renewable and Sustainable Energy Reviews</i> , 2019, 102, 346-355.	8.2	46
62	Decomposition dynamics altered by straw removal management in the sugarcane-expansion regions in Brazil. <i>Soil Research</i> , 2019, 57, 41.	0.6	13
63	Applying Soil Management Assessment Framework (SMAF) on short-term sugarcane straw removal in Brazil. <i>Industrial Crops and Products</i> , 2019, 129, 175-184.	2.5	36
64	A novel way of assessing C dynamics during urban organic waste composting and greenhouse gas emissions in tropical region. <i>Bioresource Technology Reports</i> , 2018, 3, 35-42.	1.5	15
65	Three-Year Soil Carbon and Nitrogen Responses to Sugarcane Straw Management. <i>Bioenergy Research</i> , 2018, 11, 249-261.	2.2	36
66	Phosphorus removal from eutrophic water using modified biochar. <i>Science of the Total Environment</i> , 2018, 633, 825-835.	3.9	100
67	Greenhouse gas emission responses to sugarcane straw removal. <i>Biomass and Bioenergy</i> , 2018, 113, 15-21.	2.9	37
68	Poultry manure and sugarcane straw biochars modified with MgCl ₂ for phosphorus adsorption. <i>Journal of Environmental Management</i> , 2018, 214, 36-44.	3.8	77
69	Consensus, uncertainties and challenges for perennial bioenergy crops and land use. <i>GCB Bioenergy</i> , 2018, 10, 150-164.	2.5	80
70	Sugarcane straw removal effects on plant growth and stalk yield. <i>Industrial Crops and Products</i> , 2018, 111, 794-806.	2.5	49
71	Prediction of Sugarcane Yield Based on NDVI and Concentration of Leaf-Tissue Nutrients in Fields Managed with Straw Removal. <i>Agronomy</i> , 2018, 8, 196.	1.3	21
72	A Theoretical Model for GHG Emissions Due to Biochar Application in Tropical Agricultural Soils. <i>Agronomy Journal</i> , 2018, 110, 2652-2663.	0.9	1

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73	Quantity and quality of soil organic matter as a sustainability index under different land uses in Eastern Amazon. <i>Scientia Agricola</i> , 2018, 75, 225-232.	0.6	13
74	Deep soils modify environmental consequences of increased nitrogen fertilizer use in intensifying Amazon agriculture. <i>Scientific Reports</i> , 2018, 8, 13478.	1.6	56
75	Reducing Amazon Deforestation through Agricultural Intensification in the Cerrado for Advancing Food Security and Mitigating Climate Change. <i>Sustainability</i> , 2018, 10, 989.	1.6	59
76	Greenhouse gas emissions from soil amended with agricultural residue biochars: Effects of feedstock type, production temperature and soil moisture. <i>Biomass and Bioenergy</i> , 2018, 117, 1-9.	2.9	44
77	Crop residue harvest for bioenergy production and its implications on soil functioning and plant growth: A review. <i>Scientia Agricola</i> , 2018, 75, 255-272.	0.6	185
78	Vinasse application and cessation of burning in sugarcane management can have positive impact on soil carbon stocks. <i>PeerJ</i> , 2018, 6, e5398.	0.9	6
79	Quantifying above and belowground biomass carbon inputs for sugar-cane production in Brazil. <i>Soil Research</i> , 2017, 55, 640.	0.6	8
80	Soil carbon and nitrogen stocks in sugarcane systems by Bayesian conditional autoregressive model – an unbiased prediction strategy. <i>Carbon Management</i> , 2017, 8, 207-214.	1.2	1
81	Methane emissions from sugarcane vinasse storage and transportation systems: Comparison between open channels and tanks. <i>Atmospheric Environment</i> , 2017, 159, 135-146.	1.9	20
82	Sugar cane straw left in the field during harvest: decomposition dynamics and composition changes. <i>Soil Research</i> , 2017, 55, 758.	0.6	25
83	Predicting soil C changes over sugarcane expansion in Brazil using the DayCent model. <i>GCB Bioenergy</i> , 2017, 9, 1436-1446.	2.5	42
84	Guidelines for the recovery of sugarcane straw from the field during harvesting. <i>Biomass and Bioenergy</i> , 2017, 96, 69-74.	2.9	41
85	C and N stocks are not impacted by land use change from Brazilian Savanna (Cerrado) to agriculture despite changes in soil fertility and microbial abundances. <i>Journal of Plant Nutrition and Soil Science</i> , 2017, 180, 436-445.	1.1	8
86	Soil organic and organomineral fractions as indicators of the effects of land management in conventional and organic sugar cane systems. <i>Soil Research</i> , 2017, 55, 145.	0.6	22
87	Sugarcane straw removal effects on Ultisols and Oxisols in south-central Brazil. <i>Geoderma Regional</i> , 2017, 11, 86-95.	0.9	41
88	Increasing Rates of Biochar Application to Soil Induce Stronger Negative Priming Effect on Soil Organic Carbon Decomposition. <i>Agricultural Research</i> , 2017, 6, 389-398.	0.9	21
89	Soil carbon stock changes under different land uses in the Amazon. <i>Geoderma Regional</i> , 2017, 10, 138-143.	0.9	34
90	Soil type and texture impacts on soil organic carbon storage in a sub-tropical agro-ecosystem. <i>Geoderma</i> , 2017, 286, 88-97.	2.3	46

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91	Relating the visual soil structure status and the abundance of soil engineering invertebrates across land use change. <i>Soil and Tillage Research</i> , 2017, 173, 49-52.	2.6	20
92	Modelling SOC response to land use change and management practices in sugarcane cultivation in South-Central Brazil. <i>Plant and Soil</i> , 2017, 410, 483-498.	1.8	18
93	Assessing soil structural quality under Brazilian sugarcane expansion areas using Visual Evaluation of Soil Structure (VESS). <i>Soil and Tillage Research</i> , 2017, 173, 64-74.	2.6	52
94	Grassland management impacts on soil carbon stocks: a new synthesis. <i>Ecological Applications</i> , 2017, 27, 662-668.	1.8	406
95	Assessing labile organic carbon in soils undergoing land use change in Brazil: A comparison of approaches. <i>Ecological Indicators</i> , 2017, 72, 411-419.	2.6	37
96	Prediction and Mapping of Soil Attributes using Diffuse Reflectance Spectroscopy and Magnetic Susceptibility. <i>Soil Science Society of America Journal</i> , 2017, 81, 1450-1462.	1.2	16
97	Soil Organic Matter Responses to Anthropogenic Forest Disturbance and Land Use Change in the Eastern Brazilian Amazon. <i>Sustainability</i> , 2017, 9, 379.	1.6	51
98	Soil Organic Matter Quality in <i>Jatropha</i> spp. Plantations in Different Edaphoclimatic Conditions. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017, 41, .	0.5	2
99	Assessing the greenhouse gas emissions of Brazilian soybean biodiesel production. <i>PLoS ONE</i> , 2017, 12, e0176948.	1.1	25
100	Compara��o de m�todos de amostragem para avalia��o do sistema radicular da cana-de-a�car. <i>Revista De Ciencias Agr�colas</i> , 2017, 34, 7.	0.4	4
101	Estoques de carbono e nitrog�nio no solo devido a mudan�a do uso da terra em �reas de cultivo de caf� em minas gerais. <i>Coffee Science</i> , 2017, 12, 30.	0.5	4
102	Effects of Biochar on the Emissions of Greenhouse Gases from Sugarcane Residues Applied to Soils. <i>Agricultural Sciences</i> , 2017, 08, 869-886.	0.2	7
103	Effect of Pyrolysis Temperature and Feedstock Type on Agricultural Properties and Stability of Biochars. <i>Agricultural Sciences</i> , 2017, 08, 914-933.	0.2	14
104	Atributos qu�micos e qualidade da mat�ria org�nica do solo em sistemas de colheita de cana-de-a�car com e sem queima. <i>Pesquisa Agropecuaria Brasileira</i> , 2016, 51, 1438-1448.	0.9	8
105	Activity of soil microbial biomass altered by land use in the southwestern Amazon. <i>Bragantia</i> , 2016, 75, 79-86.	1.3	9
106	Soil carbon changes in areas undergoing expansion of sugarcane into pastures in south-central Brazil. <i>Agriculture, Ecosystems and Environment</i> , 2016, 228, 38-48.	2.5	39
107	Loss of soil (macro)fauna due to the expansion of Brazilian sugarcane acreage. <i>Science of the Total Environment</i> , 2016, 563-564, 160-168.	3.9	64
108	Effects of feedstock type and slow pyrolysis temperature in the production of biochars on the removal of cadmium and nickel from water. <i>Journal of Cleaner Production</i> , 2016, 137, 965-972.	4.6	101

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109	A Soil Management Assessment Framework (SMAF) Evaluation of Brazilian Sugarcane Expansion on Soil Quality. <i>Soil Science Society of America Journal</i> , 2016, 80, 215-226.	1.2	73
110	Comparing how land use change impacts soil microbial catabolic respiration in Southwestern Amazon. <i>Brazilian Journal of Microbiology</i> , 2016, 47, 63-72.	0.8	15
111	Soil physical quality response to sugarcane expansion in Brazil. <i>Geoderma</i> , 2016, 267, 156-168.	2.3	114
112	Assessing the carbon footprint of beef cattle in Brazil: a case study with 22 farms in the State of Mato Grosso. <i>Journal of Cleaner Production</i> , 2016, 112, 2593-2600.	4.6	67
113	Molecular characterization of soil organic matter from native vegetation to pasture-sugarcane transitions in Brazil. <i>Science of the Total Environment</i> , 2016, 548-549, 450-462.	3.9	18
114	Phosphorus pools responses to land-use change for sugarcane expansion in weathered Brazilian soils. <i>Geoderma</i> , 2016, 265, 27-38.	2.3	76
115	Direct N ₂ O emission factors for synthetic N fertilizer and organic residues applied on sugarcane for bioethanol production in Central-Southern Brazil. <i>GCB Bioenergy</i> , 2016, 8, 269-280.	2.5	52
116	Soil Quality Indexing Strategies for Evaluating Sugarcane Expansion in Brazil. <i>PLoS ONE</i> , 2016, 11, e0150860.	1.1	110
117	Soil carbon, nitrogen and phosphorus changes under sugarcane expansion in Brazil. <i>Science of the Total Environment</i> , 2015, 515-516, 30-38.	3.9	63
118	Greenhouse gas emissions from sugarcane vinasse transportation by open channel: a case study in Brazil. <i>Journal of Cleaner Production</i> , 2015, 94, 102-107.	4.6	25
119	Improved pasture and herd management to reduce greenhouse gas emissions from a Brazilian beef production system. <i>Livestock Science</i> , 2015, 175, 101-112.	0.6	52
120	Net greenhouse gas emissions from manure management using anaerobic digestion technology in a beef cattle feedlot in Brazil. <i>Science of the Total Environment</i> , 2015, 505, 1018-1025.	3.9	20
121	Sugarcane expansion in Brazilian tropical soils: Effects of land use change on soil chemical attributes. <i>Agriculture, Ecosystems and Environment</i> , 2015, 211, 173-184.	2.5	49
122	Soil carbon, multiple benefits. <i>Environmental Development</i> , 2015, 13, 33-38.	1.8	75
123	Towards a representative assessment of methane and nitrous oxide emissions and mitigation options from manure management of beef cattle feedlots in Brazil. <i>Mitigation and Adaptation Strategies for Global Change</i> , 2015, 20, 425-438.	1.0	3
124	Greenhouse gas assessment of Brazilian soybean production: a case study of Mato Grosso State. <i>Journal of Cleaner Production</i> , 2015, 96, 418-425.	4.6	62
125	Simulation of management and soil interactions impacting SOC dynamics in sugarcane using the CENTURY Model. <i>GCB Bioenergy</i> , 2015, 7, 646-657.	2.5	22
126	Developing Cost-Effective Field Assessments of Carbon Stocks in Human-Modified Tropical Forests. <i>PLoS ONE</i> , 2015, 10, e0133139.	1.1	13

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127	Emissões de gases de efeito estufa pela deposição de palha de cana-de-açúcar sobre o solo. <i>Bragantia</i> , 2014, 73, 113-122.	1.3	12
128	Estoques de carbono e qualidade da matéria orgânica do solo em áreas cultivadas com cana-de-açúcar. <i>Revista Brasileira De Ciencia Do Solo</i> , 2014, 38, 1402-1410.	0.5	28
129	Measuring and modeling nitrous oxide and methane emissions from beef cattle feedlot manure management: First assessments under Brazilian condition. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 696-711.	0.7	14
130	Sugarcane straw management and soil attributes on alachlor and diuron sorption in highly weathered tropical soils. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , 2014, 49, 352-360.	0.7	18
131	A large-scale field assessment of carbon stocks in human-modified tropical forests. <i>Global Change Biology</i> , 2014, 20, 3713-3726.	4.2	300
132	Soil carbon stocks under oil palm plantations in Bahia State, Brazil. <i>Biomass and Bioenergy</i> , 2014, 62, 1-7.	2.9	17
133	Crop-pasture rotation: A strategy to reduce soil greenhouse gas emissions in the Brazilian Cerrado. <i>Agriculture, Ecosystems and Environment</i> , 2014, 183, 167-175.	2.5	83
134	Effect of no-tillage and amendments on carbon lability in tropical soils. <i>Soil and Tillage Research</i> , 2014, 143, 67-76.	2.6	13
135	Payback time for soil carbon and sugar-cane ethanol. <i>Nature Climate Change</i> , 2014, 4, 605-609.	8.1	85
136	Meeting the global demand for biofuels in 2021 through sustainable land use change policy. <i>Energy Policy</i> , 2014, 69, 14-18.	4.2	103
137	Soil carbon stocks and changes after oil palm introduction in the Brazilian Amazon. <i>GCB Bioenergy</i> , 2013, 5, 384-390.	2.5	57
138	Soil greenhouse gas fluxes from vinasse application in Brazilian sugarcane areas. <i>Geoderma</i> , 2013, 200-201, 77-84.	2.3	89
139	Quantification of uncertainties associated with space-time estimates of short-term soil CO ₂ emissions in a sugar cane area. <i>Agriculture, Ecosystems and Environment</i> , 2013, 167, 33-37.	2.5	10
140	Prospects for land-use sustainability on the agricultural frontier of the Brazilian Amazon. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120171.	1.8	55
141	A social and ecological assessment of tropical land uses at multiple scales: the Sustainable Amazon Network. <i>Philosophical Transactions of the Royal Society B: Biological Sciences</i> , 2013, 368, 20120166.	1.8	133
142	Assessing soil carbon storage rates under no-tillage: Comparing the synchronic and diachronic approaches. <i>Soil and Tillage Research</i> , 2013, 134, 207-212.	2.6	38
143	Contrasting approaches for estimating soil carbon changes in Amazon and Cerrado biomes. <i>Soil and Tillage Research</i> , 2013, 133, 75-84.	2.6	29
144	N ₂ O emissions due to nitrogen fertilizer applications in two regions of sugarcane cultivation in Brazil. <i>Environmental Research Letters</i> , 2013, 8, 015013.	2.2	93

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145	Methods for the quantification of GHG emissions at the landscape level for developing countries in smallholder contexts. <i>Environmental Research Letters</i> , 2013, 8, 015019.	2.2	22
146	Carbon dioxide emissions under different soil tillage systems in mechanically harvested sugarcane. <i>Environmental Research Letters</i> , 2013, 8, 015014.	2.2	84
147	Quantifying soil carbon stocks and greenhouse gas fluxes in the sugarcane agrosystem: point of view. <i>Scientia Agricola</i> , 2013, 70, 361-368.	0.6	21
148	Brazilian beef cattle feedlot manure management: A country survey1. <i>Journal of Animal Science</i> , 2013, 91, 1811-1818.	0.2	27
149	Nitrous oxide emissions in agricultural soils: a review. <i>Pesquisa Agropecuaria Tropical</i> , 2013, 43, 322-338.	1.0	179
150	Spatial variability of soil CO2 emission in a sugarcane area characterized by secondary information. <i>Scientia Agricola</i> , 2013, 70, 195-203.	0.6	17
151	How much sugarcane trash should be left on the soil?. <i>Scientia Agricola</i> , 2013, 70, 1-1.	0.6	20
152	Landscape and soil regionalization in southern Brazilian Amazon and contiguous areas: methodology and relevance for ecological studies. <i>Scientia Agricola</i> , 2012, 69, 217-225.	0.6	4
153	Effect of sugarcane harvesting systems on soil carbon stocks in Brazil: an examination of existing data. <i>European Journal of Soil Science</i> , 2011, 62, 23-28.	1.8	117
154	Linking physical quality and CO2 emissions under long-term no-till and conventional-till in a subtropical soil in Brazil. <i>Plant and Soil</i> , 2011, 338, 5-15.	1.8	25
155	How can soil monitoring networks be used to improve predictions of organic carbon pool dynamics and CO2 fluxes in agricultural soils?. <i>Plant and Soil</i> , 2011, 338, 247-259.	1.8	61
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