Carneiro, Mac

List of Publications by Year
in descending order

77 papers	1,392 citations	331670 21 h-index	414414 32 g-index
78 all docs	78 docs citations	78 times ranked	1627 citing authors

#	Article	IF	Citations
1	Atributos fÃsicos, quÃmicos e biolÃ³gicos de solo de cerrado sob diferentes sistemas de uso e manejo. Revista Brasileira De Ciencia Do Solo, 2009, 33, 147-157.	1.3	138
2	Mycorrhizal colonization and mycotrophic growth of native woody species as related to successional groups in Southeastern Brazil. Forest Ecology and Management, 1998, 107, 241-252.	3.2	103
3	Labile and stable fractions of soil organic matter under management systems and native cerrado. Revista Brasileira De Ciencia Do Solo, 2010, 34, 907-916.	1.3	57
4	Ammonia volatilization of urea in the out-of-season corn. Revista Brasileira De Ciencia Do Solo, 2009, 33, 1685-1694.	1.3	50
5	Soil fertility and upland rice yield after biochar application in the Cerrado. Pesquisa Agropecuaria Brasileira, 2012, 47, 699-706.	0.9	50
6	Hidden Nickel Deficiency? Nickel Fertilization via Soil Improves Nitrogen Metabolism and Grain Yield in Soybean Genotypes. Frontiers in Plant Science, 2018, 9, 614.	3.6	50
7	ProduÃ§Ã£o de fitomassa de diferentes espÃ©cies de cobertura e suas alteraÃ§Ãµes na atividade microbiana de solo de cerrado. Bragantia, 2008, 67, 455-462.	1.3	48
8	Environmental drivers of shifts on microbial traits in sites disturbed by a large-scale tailing dam collapse. Science of the Total Environment, 2020, 738, 139453.	8.0	38
9	Arbuscular mycorrhizal fungi and organic manure enhance growth and accumulation of citral, total phenols, and flavonoids in Melissa officinalis L. Industrial Crops and Products, 2020, 158, 112981.	5.2	33
10	Carbono orgÃ¢nico, nitrogÃªnio total, biomassa e atividade microbiana do solo em duas cronosseqÃ¼Ãªncias de reabilitaÃ§Ã£o apÃ³s a mineraÃ§Ã£o de bauxita. Revista Brasileira De Ciencia Do Solo, 2008, 32, 621-632.	1.3	33
11	P-sorption and desorption in Savanna Brazilian soils as a support for phosphorus fertilizer management. Ciencia E Agrotecnologia, 2013, 37, 521-530.	1.5	31
12	Estabelecimento de plantas herbÃ¡ceas em solo com contaminaÃ§Ã£o de metais pesados e inoculaÃ§Ã£o de fungos micorrÃzicos arbusculares. Pesquisa Agropecuaria Brasileira, 2001, 36, 1443-1452.	0.9	31
13	Arbuscular mycorrhizal fungal communities in an iron mining area and its surroundings: Inoculum potential, density, and diversity of spores related to soil properties. Ciencia E Agrotecnologia, 2017, 41, 511-525.	1.5	30
14	Stratification ratio of organic matter pools influenced by management systems in a weathered Oxisol from a tropical agro-ecoregion in Brazil. Soil Research, 2013, 51, 133.	1.1	29
15	Soil quality indicators in a Rhodic Paleudult under long term tillage systems. Soil and Tillage Research, 2014, 139, 28-36.	5.6	29
16	Arbuscular mycorrhizal fungi in soil aggregates from fields of "murundus" converted to agriculture. Pesquisa Agropecuaria Brasileira, 2015, 50, 313-321.	0.9	29
17	Occurrence and species richness of mycorrhizal fungi in soil under different land use. Canadian Journal of Soil Science, 2016, 96, 271-280.	1.2	29
18	Do different arbuscular mycorrhizal fungi affect the formation and stability of soil aggregates?. Ciencia E Agrotecnologia, 0, 43, .	1.5	27

#	Article	IF	Citations
19	Fungos micorrÃzicos arbusculares em um latossolo vermelho sob manejos e usos no cerrado. Revista Brasileira De Ciencia Do Solo, 2012, 36, 51-61.	1.3	27
20	Soil quality and soybean productivity in crop-livestock integrated system in no-tillage. Pesquisa Agropecuaria Brasileira, 2018, 53, 1248-1258.	0.9	26
21	How does Ni fertilization affect a responsive soybean genotype? A dose study. Plant and Soil, 2019, 441, 567-586.	3.7	25
22	Atributos fÃsicos de um Neossolo QuartzarÃªnico e um Latossolo Vermelho sob diferentes sistemas de manejo. Pesquisa Agropecuaria Brasileira, 2005, 40, 1135-1139.	0.9	22
23	AvaliaÃ§Ã£o de fontes e de extratores de silÃcio no solo. Pesquisa Agropecuaria Brasileira, 2007, 42, 239-247.	0.9	22
24	Comportamento de espÃ©cies herbÃ¡ceas em misturas de solo com diferentes graus de contaminaÃ§Ã£o com metais pesados. Pesquisa Agropecuaria Brasileira, 2002, 37, 1629-1638.	0.9	20
25	Arbuscular Mycorrhizal Fungi Favor the Initial Growth of Acacia mangium, Sorghum bicolor, and Urochloa brizantha in Soil Contaminated with Zn, Cu, Pb, and Cd. Bulletin of Environmental Contamination and Toxicology, 2018, 101, 386-391.	2.7	19
26	Co-occurrence patterns between plant-parasitic nematodes and arbuscular mycorrhizal fungi are driven by environmental factors. Agriculture, Ecosystems and Environment, 2018, 265, 54-61.	5.3	17
27	Fungos micorrÃzicos arbusculares em campos de murundus apÃ³s a conversÃ£o para sistemas agrÃcolas no cerrado. Revista Brasileira De Ciencia Do Solo, 2014, 38, 1703-1711.	1.3	17
28	Fungos micorrÃzicos arbusculares e adubaÃ§Ã£o fosfatada no crescimento inicial de seis espÃ©cies arbÃ³reas do Cerrado. Cerne, 2011, 17, 377-386.	0.9	16
29	InfluÃªncia do sistema integrado de produÃ§Ã£o agropecuÃ¡ria no solo e na produtividade de soja e braquiÃ¡ria. Pesquisa Agropecuaria Tropical, 2015, 45, 104-112.	1.0	16
30	MatÃ©ria orgÂ¢nica e agregaÃ§Ã£o do solo apÃ³s conversÃ£o de "campos de murundus" em sistema plantio direto. Pesquisa Agropecuaria Brasileira, 2016, 51, 1194-1202.	0.9	16
31	Cerium (Ce) and Lanthanum (La) promoted plant growth and mycorrhizal colonization of maize in tropical soil. Australian Journal of Crop Science, 2018, 12, 704-710.	0.3	15
32	Soil physical and biological properties in an integrated crop-livestock system in the Brazilian Cerrado. Pesquisa Agropecuaria Brasileira, 2018, 53, 1239-1247.	0.9	14
33	Atividade da enzima nitrato redutase em milho cultivado sob diferentes nÃveis de adubaÃ§Ã£o nitrogenada e potÃ¡ssica. Ciencia Rural, 2011, 41, 1931-1937.	0.5	14
34	Efeitos da inoculaÃ§Ã£o de fungos micorrÃzicos arbusculares e da aplicaÃ§Ã£o de fÃ³sforo no estabelecimento de forrageiras em solo degradado. Pesquisa Agropecuaria Brasileira, 1999, 34, 1669-1677.	0.9	13
35	Chemical, physical, and biological attributes in soils affected by deposition of iron ore tailings from the FundÃ£o Dam failure. Environmental Monitoring and Assessment, 2021, 193, 462.	2.7	13
36	Qualidade fÃsica de neossolo quartzarÃªnico submetido a diferentes sistemas de uso agrÃcola. Ciencia E Agrotecnologia, 2010, 34, 667-674.	1.5	12

#	Article	IF	Citations
37	PHOSPHORUS FRACTIONS AND AVAILABILITY IN A HAPLIC PLINTHOSOL UNDER NO-TILLAGE SYSTEM IN THE BRAZILIAN CERRADO. Ciencia E Agrotecnologia, 2015, 39, 216-224.	1.5	12
38	Recovering Soils Affected by Iron Mining Tailing Using Herbaceous Species with Mycorrhizal Inoculation. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	11
39	Shannon tree diversity is a surrogate for mineland rehabilitation status. Ecological Indicators, 2021, 130, 108100.	6.3	11
40	Native arbuscular mycorrhizal fungi respond to rehabilitation in iron ore mining areas from the Eastern Brazilian Amazon. Pedobiologia, 2021, 89, 150768.	1.2	11
41	Micorrizas arbusculares em cafeeiro coffea arabica l.: RevisÃ£o e meta-anÃ¡lise. Coffee Science, 2017, 12, 419.	0.5	11
42	Desenvolvimento e produÃ§Ã£o de bananeiras Thap Maeo e Prata-AnÃ£ com diferentes nÃveis de adubaÃ§Ã£o nitrogenada e potÃ¡ssica. Revista Brasileira De Fruticultura, 2012, 34, 277-288.	0.5	10
43	Occurrence of arbuscular mycorrhizal fungi on King George Island, South Shetland Islands, Antarctica. Anais Da Academia Brasileira De Ciencias, 2017, 89, 1737-1743.	0.8	10
44	Arbuscular mycorrhizal fungi in integrated crop livestock systems with intercropping in the pasture phase in the Cerrado. Rhizosphere, 2019, 11, 100165.	3.0	9
45	Arbuscular mycorrhizal fungi in the rhizosphere of soybean in integrated crop livestock systems with intercropping in the pasture phase. Rhizosphere, 2021, 17, 100270.	3.0	9
46	Arbuscular mycorrhizal fungus in microbial activity and aggregation of a Cerrado Oxisol in crop sequence. Ciencia E Agrotecnologia, 2014, 38, 34-42.	1.5	8
47	Fitomassa e acÃºmulo de nitrogÃªnio, em espÃ©cies vegetais de cobertura do solo para um Latossolo Vermelho distrofÃ©rrico de Cerrado. Acta Scientiarum - Agronomy, 2008, 30, .	0.6	7
48	Organic cultivation of sugarcane restores soil organic carbon and nitrogen. Organic Agriculture, 2019, 9, 435-444.	2.4	7
49	Atributos de solo sob pastejo rotacionado em funÃ§Ã£o da aplicaÃ§Ã£o de cama de peru. Pesquisa Agropecuaria Tropical, 2012, 42, 254-262.	1.0	7
50	Effects of selenium (Se) application and arbuscular mycorrhizal (AMF) inoculation on soybean (Glycine max) and forage grass (Urochloa decumbens) development in oxisol. Australian Journal of Crop Science, 2019, 13, 380-385.	0.3	6
51	Native Arbuscular Mycorrhizal Fungi Exhibit Biotechnological Potential in Improvement of Soil Biochemical Quality and in Increasing Yield in Sugarcane Cultivars. Sugar Tech, 2021, 23, 1235-1246.	1.8	6
52	Organic substrate availability and enzyme activity affect microbial-controlled carbon dynamics in areas disturbed by a mining dam failure. Applied Soil Ecology, 2022, 169, 104169.	4.3	6
53	Mycorrhization stimulant based in formononetin associated to fungicide and doses of phosphorus in soybean in the cerrado. Bioscience Journal, 2015, 31, 1062-1070.	0.4	6
54	Arbuscular mycorrhizal fungus on the initial growth and nutrition of Coffea arabica L. genotypes. Ciencia E Agrotecnologia, 0, 43, .	1.5	5

#	Article	IF	Citations
55	Soil quality indicators after conversion of â€œmurunduâ€•fields into no-tillage cropping in the Brazilian Cerrado. Pesquisa Agropecuaria Brasileira, 2019, 54, .	0.9	5
56	Rhizobia and endophytic bacteria isolated from rainforest fragments within an iron ore mining site of the Eastern Brazilian Amazon. Brazilian Journal of Microbiology, 2021, 52, 1461-1474.	2.0	5
57	AlteraÃ§Ãµes nas fraÃ§Ãµes do carbono em um neossolo quartzarÃªnico submetido a diferentes sistemas de uso do solo Edicarlos Damacena de Souza. Acta Scientiarum - Agronomy, 2006, 28, 305.	0.6	4
58	Arbuscular mycorrhizal fungi and mycorrhizal stimulant affect dry matter and nutrient accumulation in bean and soybean plants1. Pesquisa Agropecuaria Tropical, 2016, 46, 367-373.	1.0	4
59	Arbuscular mycorrhizal fungi and colonization stimulant in cotton and maize. Ciencia Rural, 2017, 47, .	0.5	4
60	Arbuscular mycorrhizal fungi on the biomass and nutrition of Urochloa decumbens at different soil densities. Pesquisa Agropecuaria Brasileira, 2018, 53, 943-951.	0.9	4
61	Arbuscular mycorrhizal fungi and Urochloa brizantha: symbiosis and spore multiplication. Pesquisa Agropecuaria Tropical, 0, 49, .	1.0	4
62	AbsorÃ§Ã£o de fÃ³sforo em doze genÃ³tipos de milho inoculados com fungo micorrÃzico arbuscular em solo de cerrado. Ciencia Rural, 2008, 38, 2441-2447.	0.5	4
63	Organic carbon, biomass and microbial activity in an Oxisol under different management systems. Revista De CiÃªncias AgrÃ¡rias, 2013, 56, 249-254.	0.1	4
64	Plant diversity in integrated crop-livestock systems increases the soil enzymatic activity in the short term. Pesquisa Agropecuaria Tropical, 0, 50, .	1.0	4
65	X-ray microanalytical studies of mineral elements in the tripartite symbiosis between lima bean, N2-fixing bacteria and mycorrhizal fungi. Journal of Microbiological Methods, 2017, 132, 14-20.	1.6	3
66	Steel slag and phosphate nutrition of corn inoculated with arbuscular mycorrhizal fungi. Pesquisa Agropecuaria Brasileira, 0, 54, .	0.9	3
67	Biochemical and Biological Properties of Soil from Murundus Wetlands Converted into Agricultural Systems. Revista Brasileira De Ciencia Do Solo, 0, 43, .	1.3	3
68	Diversity of arbuscular mycorrhizal fungi and nematodes in a 14 years no-tillage chronosequence. Rhizosphere, 2019, 10, 100149.	3.0	3
69	Dark Septate Endophytic Fungi Associated with Sugarcane Plants Cultivated in SÃ£o Paulo, Brazil. Diversity, 2020, 12, 351.	1.7	3
70	Aggregation of a Ferruginous Nodular Gleysol in a pasture area in Cuba, under the influence of Arbuscular mycorrhizal fungi associated with hybrid Urochloa. Soil and Tillage Research, 2021, 208, 104905.	5.6	3
71	biochemical attributes and establishment of tree seedlings in soil after urochloa decumbens cultivation in soil with deposition of iron mining residues. Cerne, 0, 27, .	0.9	2
72	Roles of arbuscular mycorrhizal fungi on acclimatization of clones of Coffea arabica L. produced by somatic embryogenesis. Ciencia E Agrotecnologia, 0, 44, .	1.5	2

#	Article	IF	Citations
73	High rates of agricultural gypsum affect the arbuscular mycorrhiza fungal community and coffee yield. Bragantia, 2020, 79, 612-622.	1.3	2
74	Revegetation of mined areas influences the physiological profile of bacterialcommunities and improves the biochemical functions of soil. Pedobiologia, 2022, , 150793.	1.2	2
75	On farm inoculation of native arbuscular mycorrhizal fungi improves efficiency in increasing sugarcane productivity in the field. Rhizosphere, 2022, 22, 100539.	3.0	2
76	Influence of Arbuscular Mycorrhizal Fungi and Phosphorus Doses in the Production of Parkia nitida (Miquel) in Seedling Nursery in the South of Amazonas. Journal of Experimental Agriculture International, 2018, 28, 1-10.	0.5	1
77	Pre-cultivation with Herbaceous Plants Assists in the Revegetation Process of Iron Mining Tailings with Enterolobium contortisiliquum. Water, Air, and Soil Pollution, 2022, 233, .	2.4	1