Erika Medeiros

List of Publications by Year
in descending order

77 papers	757 citations	687363 13 h-index	642732 23 g-index
77 all docs	77 docs citations	77 times ranked	891 citing authors

#	Article	IF	Citations
1	Effect of biochar on physicochemical properties of a sandy soil and maize growth in a greenhouse experiment. Geoderma, 2018, 319, 14-23.	5.1	65
2	Soil organic carbon, microbial biomass and enzyme activities responses to natural regeneration in a tropical dry region in Northeast Brazil. Catena, 2017, 151, 137-146.	5.0	54
3	Absolute and specific enzymatic activities of sandy entisol from tropical dry forest, monoculture and intercropping areas. Soil and Tillage Research, 2015, 145, 208-215.	5.6	51
4	Combined effect of yeast and silicon on the control of bacterial fruit blotch in melon. Scientia Horticulturae, 2014, 174, 164-170.	3.6	39
5	Agroforestry systems, nutrients in litter and microbial activity in soils cultivated with coffee at high altitude. Scientia Agricola, 2014, 71, 87-95.	1.2	38
6	Production, Characterization of Tannase fromPenicillium montanenseURM 6286 under SSF Using Agroindustrial Wastes, and Application in the Clarification of Grape Juice (Vitis) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 537 Td (v	2.1	32
7	Trichoderma aureoviride URM 5158 and Trichoderma hamatum URM 6656 are Biocontrol Agents that act against Cassava Root rot through different Mechanisms. Journal of Phytopathology, 2016, 164, 1003-1011.	1.0	29
8	Biochar as a strategy to manage plant diseases caused by pathogens inhabiting the soil: a critical review. Phytoparasitica, 2021, 49, 713-726.	1.2	24
9	Seasonal effect of land use type on soil absolute and specific enzyme activities in a Brazilian semi-arid region. Catena, 2019, 172, 397-407.	5.0	23
10	Land use changes the soil carbon stocks, microbial biomass and fatty acid methyl ester (FAME) in Brazilian semiarid area. Archives of Agronomy and Soil Science, 2019, 65, 755-769.	2.6	19
11	Different cover promote sandy soil suppressiveness to root rot disease of cassava caused by Fusarium solani. African Journal of Microbiology Research, 2014, 8, 967-973.	0.4	17
12	Soil organic carbon fractions and humic substances are affected by land uses of Caatinga forest in Brazil. Arid Land Research and Management, 2019, 33, 255-273.	1.6	17
13	Human disturbance affects enzyme activity, microbial biomass and organic carbon in tropical dry sub-humid pasture and forest soils. Archives of Agronomy and Soil Science, 2020, 66, 458-472.	2.6	17
14	The combination of Arachis pintoi green manure and natural phosphate improves maize growth, soil microbial community structure and enzymatic activities. Plant and Soil, 2019, 435, 175-185.	3.7	16
15	Antagonistic activity of Trichoderma spp. against Scytalidium lignicola CMM 1098 and antioxidant enzymatic activity in cassava. Phytoparasitica, 2017, 45, 219-225.	1.2	14
16	Biological control of Rhizoctonia solani in cowpea plants using yeast. Tropical Plant Pathology, 2019, 44, 113-119.	1.5	14
17	Soils from intercropped fields have a higher capacity to suppress black root rot in cassava, caused by Scytalidium lignicola. Journal of Phytopathology, 2019, 167, 209-217.	1.0	14
18	Effects of Poultry Manure and Biochar on Acrisol Soil Properties and Yield of Common Bean. A Short-Term Field Experiment. Agriculture (Switzerland), 2021, 11, 290.	3.1	14

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19	Extractive Fermentation of Xylanase from Aspergillus tamarii URM 4634 in a Bioreactor. Applied Biochemistry and Biotechnology, 2014, 173, 1652-1666.	2.9	13
20	Esterco caprino na composiÃ§Ã£o de substratos para formaÃ§Ã£o de mudas de mamoeiro. Ciencia E Agrotecnologia, 2010, 34, 68-73.	1.5	12
21	Extracellular serine proteases by Acremonium sp. L1-4B isolated from Antarctica: Overproduction using cactus pear extract with response surface methodology. Biocatalysis and Agricultural Biotechnology, 2015, 4, 737-744.	3.1	12
22	Agroindustrial waste as ecofriendly and low-cost alternative to production of chitosan from Mucorales fungi and antagonist effect against Fusarium solani (Mart.) Sacco and Scytalidium lignicola Pesante. International Journal of Biological Macromolecules, 2020, 161, 101-108.	7.5	12
23	Ervas daninhas como hospedeiras alternativas de patÃ³genos causadores do colapso do meloeiro. Revista Ciencia Agronomica, 2012, 43, 195-198.	0.3	12
24	High-level lipase production by Aspergillus candidus URM 5611 under solid state fermentation (SSF) using waste from Siagrus coronata (Martius) Becari. African Journal of Biotechnology, 2015, 14, 820-828.	0.6	11
25	Biochar and Trichoderma aureoviride applied to the sandy soil: effect on soil quality and watermelon growth. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2020, 48, 735-751.	1.1	10
26	Qualidade pÃ³s-colheita do mamÃ£o formosa 'Tainung 01' comercializados em diferentes estabelecimentos no MunicÃpio de MossorÃ³-RN. Revista Brasileira De Fruticultura, 2009, 31, 902-906.	0.5	9
27	FAMES AND MICROBIAL ACTIVITIES INVOLVED IN THE SUPPRESSION OF CASSAVA ROOT ROT BY ORGANIC MATTER. Revista Caatinga, 2017, 30, 708-717.	0.7	8
28	InfluÃªncia da adubaÃ§Ã£o verde no declÃnio de monosporascus em solo naturalmente infestado. Horticultura Brasileira, 2017, 35, 135-140.	0.5	8
29	Cama de aviÃ¡rio e solo nÃ£o autoclavados sÃ£o eficientes no controle do crescimento de Scytalidium lignicola, causador da podridÃ£o negra da mandioca. Summa Phytopathologica, 2019, 45, 191-196.	0.1	8
30	Production, characterization and evaluation of in vitro digestion of phytases, xylanases and cellulases for feed industry. African Journal of Microbiology Research, 2014, 8, 551-558.	0.4	7
31	Mycorrhizal Atriplex nummularia promote revegetation and shifts in microbial properties in saline Brazilian soil. Applied Soil Ecology, 2020, 153, 103574.	4.3	7
32	Impacts of land-use changes on soil respiration in the semi-arid region of Brazil. Revista Brasileira De Ciencia Do Solo, 2020, 44, .	1.3	7
33	Forest-to-pasture conversion modifies the soil bacterial community in Brazilian dry forest Caatinga. Science of the Total Environment, 2022, 810, 151943.	8.0	7
34	AvaliaÃ§Ã£o do potencial fungicida de extratos etanÃ³licos de Senna alata contra Monosparacus cannonballus. Ciencia E Agrotecnologia, 2008, 32, 1387-1393.	1.5	6
35	Does cassava wastewater with a short incubation time affect soil organic carbon, microbial community and enzymatic activities?. Catena, 2018, 163, 354-360.	5.0	6
36	Effect of biochar and inoculation with Trichoderma aureoviride on melon growth and sandy Entisol quality. Australian Journal of Crop Science, 2020, , 971-977.	0.3	6

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37	Coffee waste as an eco-friendly and low-cost alternative for biochar production impacts on sandy soil chemical attributes and microbial gene abundance. Bragantia, 0, 80, .	1.3	6
38	Plant extract as a strategy for the management of seed pathogens: a critical review. Research, Society and Development, 2021, 10, e174101421846.	0.1	6
39	MICROBIAL BIOMASS AND ENZYMATIC ACTIVITIES IN SANDY SOIL CULTIVATED WITH LETTUCE INOCULATED WITH PLANT GROWTH PROMOTERS. Revista Caatinga, 2018, 31, 860-870.	0.7	5
40	POPULAÃ‡ÃƒO MICROBIANA, DISPONIBILIDADE DE NUTRIENTES E CRESCIMENTO DE UMBUZEIRO EM SUBSTRATOS CONTENDO RESÃDUOS ORGÂNICOS. Revista Caatinga, 2015, 28, 47-53.	0.7	5
41	Impact of coffee biochar on soil carbon, microbial biomass and enzymatic activities in Semiarid Entisol cultivated with maize. Revista Brasileira De Geografia Fisica, 2020, 13, 903-914.	0.1	5
42	Diversidade morfolÃ³gica de rizÃ³bios isolados de caupi cultivado em solos do Estado do Rio Grande do Norte. Acta Scientiarum - Agronomy, 2009, 31, .	0.6	4
43	Cotton, cowpea and sesame are alternative crops to cucurbits in soils naturally infested with Monosporascus cannonballus. Journal of Phytopathology, 2018, 166, 396-402.	1.0	4
44	InfluÃªncia do agrotÃªxtil sobre a densidade populacional de Monosporascus cannonballus em solo cultivado com melancia (Citrullus lanatus). Ciencia E Agrotecnologia, 2008, 32, 797-803.	1.5	4
45	Efeito de diferentes mÃ©todos de maturaÃ§Ã£o sobre a qualidade da banana prata. Diversitas Journal, 2019, 4, 1092-1104.	0.1	4
46	Biochar and Trichoderma aureoviride URM 5158 as alternatives for the management of cassava root rot. Applied Soil Ecology, 2022, 172, 104353.	4.3	4
47	Biochar and Trichoderma spp. in management of plant diseases caused by soilborne fungal pathogens: a review and perspective. Research, Society and Development, 2021, 10, e296101522465.	0.1	4
48	Extrato etanÃ³lico de Senna alata no controle de Fusarium oxysporum, causador da murcha-de-fusarium do meloeiro. Revista Brasileira De Engenharia Agricola E Ambiental, 2012, 16, 1166-1170.	1.1	3
49	SOIL MICROBIOLOGICAL ACTIVITY AND PRODUCTIVITY OF MAIZE FODDER WITH LEGUMES AND MANURE DOSES. Revista Caatinga, 2018, 31, 882-890.	0.7	3
50	Resistance inducers and biochemical mechanisms in the control of anthracnose in cowpea. , 2018, 45, 290-300.		3
51	InduÃ§Ã£o de resistÃªncia por acibenzolar-S-metil em feijÃ£o caupi no controle da antracnose. Summa Phytopathologica, 2019, 45, 76-82.	0.1	3
52	Impact of coffee biochar on carbon, microbial biomass and enzyme activities of a sandy soil cultivated with bean. Anais Da Academia Brasileira De Ciencias, 2021, 93, e20200096.	0.8	3
53	Biochar and Cow Manure on Chemical and Microbial Community in Regosol with Bean. Journal of Soil Science and Plant Nutrition, 2021, 21, 1552-1564.	3.4	3
54	Antioxidant Activities of Chicken Egg White Hydrolysates Obtained by New Purified Protease of Aspergillus avenaceus URM 6706. Brazilian Archives of Biology and Technology, 0, 62, .	0.5	3

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55	AnÃ¡lisis de Distintos Tipos de AzÃºcares en el MÃ©todo de ExtracciÃ³n de Ascosporas de Monosporascus cannonballus en Suelo. Tropical Plant Pathology, 2006, 31, 185-187.	0.3	3
56	MudanÃ§as no Uso da Terra e Efeito nos Componentes do BalanÃ§o HÃdrico no Agreste Pernambucano. Revista Brasileira De Geografia Fisica, 2020, 13, 870-886.	0.1	3
57	Lithothamnion calcareum Nanoparticles Increase Growth of Melon Plants. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2018, 47, 426-431.	1.1	2
58	SOIL ENZYMATIC ACTIVITIES IN AREAS WITH STAGES AND MANAGEMENT OF FOREST REGENERATION FROM CAATINGA. Revista Caatinga, 2018, 31, 405-414.	0.7	2
59	Cassava wastewater as ecofriendly and low-cost alternative to produce lettuce: impacts on soil organic carbon, microbial biomass, and enzymatic activities. Australian Journal of Crop Science, 2021, , 543-552.	0.3	2
60	Resistance induction anthracnose control in pepper plants using acibenzolar-S-methyl. Diversitas Journal, 2021, 6, 2011-2024.	0.1	2
61	Biological fertilizer combined with sewage sludge as nutrient sources in banana cultivation. Archives of Agronomy and Soil Science, 2023, 69, 32-47.	2.6	2
62	Characterization of Pterocarpus macrocarpus (pradoo wood) biochar and its effect on the retention properties of sandy soils in Northeast Thailand. Soil Use and Management, 0, , .	4.9	2
63	Biochar from different sources against tomato bacterial wilt disease caused by Ralstonia solanacearum. Journal of Soil Science and Plant Nutrition, 2022, 22, 540-548.	3.4	2
64	Extrato etanÃ³lico de Senna alata no controle de Myrothecium roridum, agente casual do cancro-de-mirotÃ©cio. Planta Daninha, 2011, 29, 577-583.	0.5	1
65	Epidemiologia das doenÃ§as da parte aÃ©rea da mandioca no MunicÃpio de Alagoa Nova, ParaÃba. Summa Phytopathologica, 2014, 40, 264-269.	0.1	1
66	Partial biochemical characterization of a thermostable chitinase produced by Streptomyces owasiensis isolated from lichens of the Amazonian region. African Journal of Microbiology Research, 2014, 8, 2830-2834.	0.4	1
67	Biochar enhances Acrisol attributes and yield of bean in Brazilian tropical dry region. Acta Agriculturae Scandinavica - Section B Soil and Plant Science, 2021, 71, 674-682.	0.6	1
68	ProduÃ§Ã£o e eficiÃªncia no uso de Ã¡gua do feijÃ£o comum adubado com biochar. Diversitas Journal, 2019, 4, 1146-1155.	0.1	1
69	QUALIDADE FÃSICO-QUÃMICA DO TOMATE SUBMETIDO A DIFERENTES TIPOS DE ARMAZENAMENTO. Revista Brasileira De Agrotecnologia, 2019, 9, 01-06.	0.0	1
70	Perspectives for Biochar as a vehicle for inoculation of phosphate solubilizing bacteria: a review. Research, Society and Development, 2022, 11, e36211124885.	0.1	1
71	Soils of Tropical Dry Forest and with Different Crops Presenting Ascospores of Monosporascus cannonballus. Notulae Botanicae Horti Agrobotanici Cluj-Napoca, 2018, 47, 262-267.	1.1	0
72	Conhecimento dos adolescentes sobre contraceptivos de uma escola pÃºblica no interior de Pernambuco. Research, Society and Development, 2021, 10, e164101321016.	0.1	0

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73	Mucor variicolumellatus L. Wagner & G. Walther (Mucorales, Mucoromycota): a first record for the Neotropics. Check List, 2020, 16, 743-747.	0.4	0
74	Impacto do biochar de resÃduos da indÃºstria de biodiesel sobre os atributos de um solo arenoso. Revista Brasileira De Geografia Fisica, 2020, 13, 2128.	0.1	0
75	Biochar de Lodo de Esgoto Aumenta a ProduÃ§Ã£o e EficiÃªncia no Uso de Ãgua da Alface. Revista Brasileira De Geografia Fisica, 2020, 13, 1720.	0.1	0
76	Dataset for effects of the transition from dry forest to pasture on diversity and structure of bacterial communities in Northeastern Brazil. Data in Brief, 2022, 41, 107842.	1.0	0
77	ProduÃ§Ã£o do complexo celulolÃtico por Colletotrichum gloeosporioides URM 7080 com entrecasca de mandioca e palma forrageira como substrato. Summa Phytopathologica, 2021, 47, 225-227.	0.1	0