Ademir Araujo

List of Publications by Citations

144 papers	2,250 citations	25 h-index	42 g-index
161 ext. papers	2,762 ext. citations	3 avg, IF	5.14 L-index

#	Paper	IF	Citations
144	Effect of glyphosate on the microbial activity of two Brazilian soils. *Chemosphere*, **2003**, 52, 799-804	8.4	207
143	Management of urban solid waste: Vermicomposting a sustainable option. *Resources, Conservation and Recycling*, **2011**, 55, 719-729	11.9	116
142	Agroecological Responses of Heavy Metal Pollution with Special Emphasis on Soil Health and Plant Performances. *Frontiers in Environmental Science*, **2017**, 5,	4.8	111
141	Soil microbial biomass and organic matter fractions during transition from conventional to organic farming systems. *Geoderma*, **2012**, 170, 227-231	6.7	99
140	Responses of soil microbial biomass and activity for practices of organic and conventional farming systems in Piau ̂ ́ state, Brazil. *European Journal of Soil Biology*, **2008**, 44, 225-230	2.9	92
139	Plant bioassays to assess toxicity of textile sludge compost. *Scientia Agricola*, **2005**, 62, 286-290	2.5	80
138	Soil microbial properties and temporal stability in degraded and restored lands of Northeast Brazil. *Soil Biology and Biochemistry*, **2013**, 66, 175-181	7.5	74
137	Land-Use Type Effects on Soil Organic Carbon and Microbial Properties in a Semi-arid Region of Northeast Brazil. *Land Degradation and Development*, **2016**, 27, 171-178	4.4	65
136	Soil Microbial Activity in Conventional and Organic Agricultural Systems. *Sustainability*, **2009**, 1, 268-276	3.6	51
135	Tannery sludge compost amendment rates on soil microbial biomass of two different soils. *European Journal of Soil Biology*, **2011**, 47, 146-151	2.9	50
134	Biological response of using municipal solid waste compost in agriculture as fertilizer supplement. *Reviews in Environmental Science and Biotechnology*, **2016**, 15, 677-696	13.9	48
133	Effect of different tannery sludge compost amendment rates on growth, biomass accumulation and yield responses of Capsicum plants. *Waste Management*, **2010**, 30, 1976-80	8.6	47
132	Ten years of application of sewage sludge on tropical soil. A balance sheet on agricultural crops and environmental quality. *Science of the Total Environment*, **2018**, 643, 1493-1501	10.2	46
131	Impact of Land Degradation on Soil Microbial Biomass and Activity in Northeast Brazil. *Pedosphere*, **2012**, 22, 88-95	5	45
130	Soil microbial biomass and activity under natural and regenerated forests and conventional sugarcane plantations in Brazil. *Geoderma*, **2012**, 189-190, 257-261	6.7	42
129	Effect of composted textile sludge on growth, nodulation and nitrogen fixation of soybean and cowpea. *Bioresource Technology*, **2007**, 98, 1028-32	11	38
128	Analysis and advanced characterization of municipal solid waste vermicompost maturity for a green environment. *Journal of Environmental Management*, **2020**, 255, 109914	7.9	36

127	Soil Surface-Active Fauna in Degraded and Restored Lands of Northeast Brazil. *Land Degradation and Development*, **2015**, 26, 1-8	4.4	35
126	Municipal solid waste compost amendment in agricultural soil: changes in soil microbial biomass. *Reviews in Environmental Science and Biotechnology*, **2010**, 9, 41-49	13.9	35
125	Protist species richness and soil microbiome complexity increase towards climax vegetation in the Brazilian Cerrado. *Communications Biology*, **2018**, 1, 135	6.7	31
124	Soil organic carbon and biological indicators in an Acrisol under tillage systems and organic management in north-eastern Brazil. *Soil Research*, **2010**, 48, 258	1.8	28
123	Soil bacterial diversity in degraded and restored lands of Northeast Brazil. *Antonie Van Leeuwenhoek*, **2014**, 106, 891-9	2.1	27
122	Microbial biomass and activity in a Brazilian soil amended with untreated and composted textile sludge. *Chemosphere*, **2006**, 64, 1043-6	8.4	27
121	Distinct bacterial communities across a gradient of vegetation from a preserved Brazilian Cerrado. *Antonie Van Leeuwenhoek*, **2017**, 110, 457-469	2.1	26
120	Microbiological process in agroforestry systems. A review. *Agronomy for Sustainable Development*, **2012**, 32, 215-226	6.8	26
119	The effect of converting tropical native savanna to Eucalyptus grandis forest on soil microbial biomass. *Land Degradation and Development*, **2010**, 21, 540-545	4.4	25
118	Soil microbial properties after 5 years of consecutive amendment with composted tannery sludge. *Environmental Monitoring and Assessment*, **2015**, 187, 4153	3.1	24
117	Responses of soil bacterial community after seventh yearly applications of composted tannery sludge. *Geoderma*, **2018**, 318, 1-8	6.7	24
116	Sistemas agroflorestais e seus efeitos sobre os atributos qu ̂ micos em Argissolo Vermelho-Amarelo do Cerrado piauiense. *Revista Brasileira De Engenharia Agricola E Ambiental*, **2012**, 16, 730-738	0.9	18
115	Avalia ̂ ◻ ◻ o de indicadores biol ̂ gicos de qualidade do solo sob sistemas de cultivo convencional e org ̂ nico de frutas. *Ciencia E Agrotecnologia*, **2008**, 32, 353-359	1.6	17
114	Soil Enzymatic Activity in Eucalyptus Grandis Plantations of Different Ages. *Land Degradation and Development*, **2016**, 27, 77-82	4.4	17
113	Bacterial community associated with rhizosphere of maize and cowpea in a subsequent cultivation. *Applied Soil Ecology*, **2019**, 143, 26-34	5	16
112	Archaea diversity in vegetation gradients from the Brazilian Cerrado. *Brazilian Journal of Microbiology*, **2018**, 49, 522-528	2.2	16
111	The Impact of Pasture Systems on Soil Microbial Biomass and Community-level Physiological Profiles. *Land Degradation and Development*, **2018**, 29, 284-291	4.4	16
110	Changes in soil microbial biomass and activity in different Brazilian pastures. *Spanish Journal of Agricultural Research*, **2010**, 8, 1253	1.1	15

109	Bacillus subtilis ameliorates water stress tolerance in maize and common bean. *Journal of Plant Interactions*, **2019**, 14, 432-439	3.8	14
108	Historical and recent land use affects ecosystem functions in subtropical grasslands in Brazil. *Ecosphere*, **2017**, 8, e02032	3.1	14
107	Effect of paclobutrazol on microbial biomass, respiration and cellulose decomposition in soil. *European Journal of Soil Biology*, **2009**, 45, 235-238	2.9	14
106	Soil microbial biomass in an agroforestry system of Northeast Brazil. *Tropical Grasslands - Forrajes Tropicales*, **2015**, 3, 41	1.8	14
105	Bacillus subtilis can modulate the growth and root architecture in soybean through volatile organic compounds. *Theoretical and Experimental Plant Physiology*, **2020**, 32, 99-108	2.4	14
104	Fungal diversity in soils across a gradient of preserved Brazilian Cerrado. *Journal of Microbiology*, **2017**, 55, 273-279	3	13
103	Soil Microbial Biomass After Three-Year Consecutive Composted Tannery Sludge Amendment. *Pedosphere*, **2014**, 24, 469-475	5	13
102	INFLU ˆ NCIA DE BACILLUS SUBTILIS NA ECLOS ˆ O, ORIENTA ˆ O E INFEC ˆ O DE HETERODERA GLYCINES EM SOJA. *Ciencia Rural*, **2002**, 32, 197-203	1.3	13
101	Soil microbial biomass in organic farming system. *Ciencia Rural*, **2010**, 40, 2419-2426	1.3	13
100	Nodule microbiome from cowpea and lima bean grown in composted tannery sludge-treated soil. *Applied Soil Ecology*, **2020**, 151, 103542	5	12
99	Diversity of plant growth-promoting bacteria associated with sugarcane. *Genetics and Molecular Research*, **2017**, 16,	1.2	11
98	Biological Nitrogen Fixation: Importance, Associated Diversity, and Estimates **2013**, 267-289		11
97	Plant growth-promoting endophytic bacteria on maize and sorghum1. *Pesquisa Agropecuaria Tropical*,49,	1.2	11
96	Diversity and structure of bacterial community in rhizosphere of lima bean. *Applied Soil Ecology*, **2020**, 150, 103490	5	11
95	Repeated application of composted tannery sludge affects differently soil microbial biomass, enzymes activity, and ammonia-oxidizing organisms. *Environmental Science and Pollution Research*, **2016**, 23, 19193-200	5.1	11
94	Responses of soil microbial biomass and enzyme activity to herbicides imazethapyr and flumioxazin. *Scientific Reports*, **2020**, 10, 7694	4.9	10
93	Bacillus subtilis improves maize tolerance to salinity. *Ciencia Rural*, **2018**, 48,	1.3	10
92	Genetic diversity among native isolates of rhizobia from Phaseolus lunatus. *Annals of Microbiology*, **2011**, 61, 437-444	3.2	10

91	Utilizaˆ ˜o de nitrogˆ ˆnio pelo trigo cultivado em solo fertilizado com adubo verde (Crotalaria juncea) e/ou urˆ ˆa. *Ciencia Rural*, **2005**, 35, 284-289	1.3	10
90	Chromium accumulation in maize and cowpea after successive applications of composted tannery sludge. *Acta Scientiarum - Agronomy*, **2018**, 40, 35361	0.6	10
89	Time-dependent effect of composted tannery sludge on the chemical and microbial properties of soil. *Ecotoxicology*, **2017**, 26, 1366-1377	2.9	9
88	Soil organic matter pools in a tropical savanna under agroforestry system in Northeastern Brazil. *Revista Arvore*, **2014**, 38, 711-723	1	9
87	Soil microbial biomass after two years of the consecutive application of composted tannery sludge - doi: 10.4025/actasciagron.v36i1.17160. *Acta Scientiarum - Agronomy*, **2014**, 36, 35	0.6	9
86	Heavy metals in cowpea (Vigna unguiculata L.) after tannery sludge compost amendment. *Chilean Journal of Agricultural Research*, **2013**, 73, 282-287	1.9	9
85	Efici ˆ ˆncia simbi ˆ ˆtica de isolados de riz ˆ ˆbio noduladores de feij ˆ ˜o-fava (Phaseolus lunatus L.). *Revista Brasileira De Ciencia Do Solo*, **2011**, 35, 751-757	1.5	9
84	Fungos micorr ˆ ˆicos arbusculares como indicadores da recupera ˆ ˜o de ˆ ˆreas degradadas no nordeste do Brasil. *Revista Ciencia Agronomica*, **2012**, 43, 648-657	1	9
83	Short communication. Growth and nodulation of cowpea after 5 years of consecutive composted tannery sludge amendment. *Spanish Journal of Agricultural Research*, **2014**, 12, 1175	1.1	9
82	Less abundant bacterial groups are more affected than the most abundant groups in composted tannery sludge-treated soil. *Scientific Reports*, **2018**, 8, 11755	4.9	8
81	Sugarcane inoculated with endophytic diazotrophic bacteria: effects on yield, biological nitrogen fixation and industrial characteristics. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20180990	1.4	8
80	Symbiotic performance, nitrogen flux and growth of lima bean (Phaseolus lunatus L.) varieties inoculated with different indigenous strains of rhizobia. *Symbiosis*, **2017**, 73, 117-124	3	7
79	Microbial biomass and organic matter in an oxisol under application of biochar. *Bragantia*, **2019**, 78, 109-118	1.1	7
78	Polyphasic characterization of nitrogen-fixing and co-resident bacteria in nodules of Phaseolus lunatus inoculated with soils from Piauˆ ˆState, Northeast Brazil. *Symbiosis*, **2020**, 80, 279-292	3	7
77	Sobrevivˆ ˆncia e nodulaˆ ˜o do Rhizobium tropici em sementes de feijˆ ˜o tratadas com fungicidas. *Ciencia Rural*, **2006**, 36, 973-976	1.3	7
76	Composto de lodo tˆ ˆxtil em plˆ ˆntulas de soja e trigo. *Pesquisa Agropecuaria Brasileira*, **2005**, 40, 549-554	1.8	7
75	Ontogenia da nodulaˆ ˜o em duas cultivares de feijˆ ˜o-caupi. *Ciencia Rural*, **2007**, 37, 561-564	1.3	7
74	Effect of Utilization of Organic Waste as Agricultural Amendment on Soil Microbial Biomass. *Annual Research & Review in Biology*, **2015**, 7, 155-162	0.8	7

73	Response of soil bacterial communities to the application of the herbicides imazethapyr and flumyzin. *European Journal of Soil Biology*, **2021**, 102, 103252	2.9	7
72	Dynamics of archaeal community in soil with application of composted tannery sludge. *Scientific Reports*, **2019**, 9, 7347	4.9	6
71	Heavy metals and yield of cowpea cultivated under composted tannery sludge amendment. *Acta Scientiarum - Agronomy*, **2014**, 36, 443	0.6	6
70	Inocula ̂ ̃ o e aduba ̂ ̃ o nitrogenada sobre a nodula ̂ ̃ o e a produtividade de gr ̂ ̃ os de feij ̂ ̃ o-caupi. *Ciencia Rural*, **2008**, 38, 2037-2041	1.3	6
69	Growth, nodulation and nitrogen fixation of cowpea in soils amended with composted tannery sludge. *Revista Brasileira De Ciencia Do Solo*, **2011**, 35, 1865-1871	1.5	6
68	Long-term effect of composted tannery sludge on soil chemical and biological parameters. *Environmental Science and Pollution Research*, **2020**, 27, 41885-41892	5.1	6
67	Caracteriza ̂ ̃ o e Diverg ̂ ̄ncia Gen ̂ ̄tica de Popula ̂ ̃ es de Casearia grandiflora no Cerrado Piauiense. *Floresta E Ambiente*, **2016**, 23, 387-396	1	6
66	Bradyrhizobium sp. inoculation ameliorates oxidative protection in cowpea subjected to long-term composted tannery sludge amendment. *European Journal of Soil Biology*, **2016**, 76, 35-45	2.9	6
65	Edaphic fauna in a vegetation gradient in the Sete Cidades National Park. *Brazilian Journal of Biology*, **2019**, 79, 45-51	1.5	5
64	Complete genome sequence of a new bipartite begomovirus infecting Macroptilium lathyroides in Brazil. *Archives of Virology*, **2017**, 162, 3551-3554	2.6	5
63	Nodulation ability in different genotypes of Phaseolus lunatus by rhizobia from California agricultural soils. *Symbiosis*, **2017**, 73, 7-14	3	5
62	Resposta do milho verde ̂ ̄inocula ̂ ̃ o com Azospirillum brasilense e n ̂ ̄veis de nitrog ̂ ̄nio. *Ciencia Rural*, **2014**, 44, 1556-1560	1.3	5
61	Is the microwave irradiation a suitable method for measuring soil microbial biomass?. *Reviews in Environmental Science and Biotechnology*, **2010**, 9, 317-321	13.9	5
60	INOCULA ̂ ̃ O E ADUBA ̂ ̃ O MINERAL EM FEIJ ̂ ̃ O-CAUPI: EFEITOS NA NODULA ̂ ̃ O, CRESCIMENTO E PRODUTIVIDADE. *Scientia Agraria*, **2008**, 9, 469		5
59	Efeito da adi ̂ ̃ o de lodo de curtume na fertilidade do solo, nodula ̂ ̃ o e rendimento de mat ̂ ̄ria seca do Caupi. *Ciencia E Agrotecnologia*, **2006**, 30, 1071-1076	1.6	5
58	Estado nutricional e produ ̂ ̃ o da pimenteira com uso de biofertilizantes l ̂ ̄quidos. *Revista Brasileira De Engenharia Agricola E Ambiental*, **2014**, 18, 1241-1246	0.9	5
57	Bacillus subtilis e aduba ̂ ̃ o nitrogenada na produtividade do milho. *Revista Brasileirade Ciencias Agrarias*, **2011**, 6, 657-66	1.1	5
56	Grazing exclusion regulates bacterial community in highly degraded semiarid soils from the Brazilian Caatinga biome. *Land Degradation and Development*, **2021**, 32, 2210-2225	4.4	5

55	Two new begomoviruses that infect non-cultivated malvaceae in Brazil. *Archives of Virology*, **2017**, 162, 1795-1797	2.6	4
54	Capability of plant growth-promoting bacteria in chromium-contaminated soil after application of composted tannery sludge. *Annals of Microbiology*, **2019**, 69, 665-671	3.2	4
53	CHROMIUM IN SOIL ORGANIC MATTER AND COWPEA AFTER FOUR CONSECUTIVE ANNUAL APPLICATIONS OF COMPOSTED TANNERY SLUDGE. *Revista Brasileira De Ciencia Do Solo*, **2015**, 39, 297-302	1.5	4
52	Nitrogen application and inoculation with Rhizobium tropici on common bean in the fall/winter. *African Journal of Agricultural Research Vol Pp*, **2014**, 9, 3156-3163	0.5	4
51	Coinoculaˆ □□ riz□ bio e Bacillus subtilis em feijˆ □-caupi e leucena: efeito sobre a noduˆ □□, a fixaˆ □□ de N2 e o crescimento das plantas. *Ciencia Rural*, **2010**, 40, 182-185	1.3	4
50	Soil microbial C:N:P ratio across physiognomies of Brazilian Cerrado Soil microbial biomass across a gradient of preserved native Cerrado. *Anais Da Academia Brasileira De Ciencias*, **2019**, 91, e20190049	1.4	4
49	Changes in Soil Properties and Crop Yield as a Function of Early Desiccation of Pastures. *Journal of Soil Science and Plant Nutrition*, **2020**, 20, 840-848	3.2	4
48	Soil properties and cowpea yield after six years of consecutive amendment of composted tannery sludge. *Acta Scientiarum - Agronomy*, **2016**, 38, 407	0.6	4
47	Distinct bacterial community structure and composition along different cowpea producing ecoregions in Northeastern Brazil. *Scientific Reports*, **2021**, 11, 831	4.9	4
46	Microbial co-occurrence network and its key microorganisms in soil with permanent application of composted tannery sludge. *Science of the Total Environment*, **2021**, 789, 147945	10.2	4
45	Maize rhizosphere soil stimulates greater soil microbial biomass and enzyme activity leading to subsequent enhancement of cowpea growth. *Environmental Sustainability*, **2019**, 2, 89-94	2.9	3
44	Phytotoxicity and cytogenotoxicity of composted tannery sludge. *Environmental Science and Pollution Research*, **2020**, 27, 34495-34502	5.1	3
43	Chemical variables influencing microbial properties in composted tannery sludge-treated soil. *International Journal of Environmental Science and Technology*, **2018**, 15, 1793-1800	3.3	3
42	Biomassa e atividade microbiana do solo sob pastagem em sistemas de monocultura e silvipastoril. *Semina:Ciencias Agrarias*, **2013**, 34, 2727	0.6	3
41	Chromium, Cadmium, Nickel, and Lead in a Tropical Soil after 3 Years of Consecutive Applications of Composted Tannery Sludge. *Communications in Soil Science and Plant Analysis*, **2014**, 45, 1658-1666	1.5	3
40	Emergˆ □cia e crescimento inicial de plˆ □tulas de pimenta ornamental e celosia em substrato ˆ □base de composto de lodo de curtume. *Ciencia Rural*, **2011**, 41, 412-417	1.3	3
39	Distinct taxonomic composition of soil bacterial community across a native gradient of Cerrado-Ecotone-Caatinga. *Applied Soil Ecology*, **2021**, 161, 103874	5	3
38	Bacillus subtilis changes the root architecture of soybean grown on nutrient-poor substrate. *Rhizosphere*, **2021**, 18, 100348	3.5	3

37	HLA-B*15:04:04, a novel HLA allele identified during proficiency testing in Brazil. *Hla*, **2016**, 88, 200-1	1.9	3
36	Biological properties of disturbed and undisturbed Cerrado sensu stricto from Northeast Brazil. *Brazilian Journal of Biology*, **2017**, 77, 16-21	1.5	2
35	Soil microbial properties in Eucalyptus grandis plantations of different ages. *Journal of Soil Science and Plant Nutrition*, **2014**, 0-0	3.2	2
34	Biofertilizers on soil microbial biomass and activity. *Revista Brasileirade Ciencias Agrarias*, **2014**, 9, 545-549	2.1	2
33	Penetration resistance and density of a yellow oxissol under conventional management at different ages. *Bioscience Journal*, **2016**, 32, 115-122	2	2
32	Inoculation of rhizobia increases lima bean (Phaseolus lunatus) yield in soils from Piauˆ and Cearˆ states, Brazil. *Revista Ceres*, **2020**, 67, 419-423	0.7	2
31	Nodulation, nitrogen uptake and growth of lima bean in a composted tannery sludge-treated soil. *Ciencia Rural*, **2019**, 49,	1.3	2
30	Bacillus subtilis rhizobacteria ameliorate heat stress in the common bean. *Rhizosphere*, **2022**, 21, 100472	3.5	2
29	Diversity of native rhizobia-nodulating Phaseolus lunatus in Brazil. *Legume Research*, **2015**, 38,	1	2
28	LEITURAS DE CLOROFILA E TEORES DE N EM FASES FENOLˆ GICAS DO MILHO. *Colloquium Agrariae* , **2015**, 11, 57-63	0.2	2
27	Plant growth-promoting rhizobacteria effect on maize growth and microbial biomass in a chromium-contaminated soil. *Bragantia*,80,	1.2	2
26	Seed size influences the promoting activity of rhizobia on plant growth, nodulation and N fixation in lima bean. *Ciencia Rural*, **2021**, 51,	1.3	2
25	Soil Microbial Biomass Across a Gradient of Preserved Native Cerrado. *Floresta E Ambiente*, **2018**, 25,	1	2
24	Dynamics of bacterial and archaeal communities along the composting of tannery sludge. *Environmental Science and Pollution Research*, **2021**, 28, 64295-64306	5.1	2
23	Characterization of edaphic fauna in different monocultures in Savanna of Piauˆ *Brazilian Journal of Biology*, **2021**, 81, 657-664	1.5	2
22	Arbuscular mycorrhizal community in soil from different Brazilian Cerrado physiognomies. *Rhizosphere*, **2021**, 19, 100375	3.5	2
21	Cover crops shape the soil bacterial community in a tropical soil under no-till. *Applied Soil Ecology*, **2021**, 168, 104166	5	2
20	T-RFLP analysis of soil bacterial structure from Cerrado within the Sete Cidades National Park, Brazil. *Neotropical Biodiversity*, **2016**, 2, 163-170	0.7	1

19	Changes on microbial C and enzyme activities in soil with amendment of composted tannery sludge after 9 years. *International Journal of Recycling of Organic Waste in Agriculture*, **2019**, 8, 501-505	3.1	1
18	Doses de paclobutrazol sobre a biomassa microbiana do solo. *Semina:Ciencias Agrarias*, **2011**, 31, 1349	0.6	1
17	Soil microbial biomass and enzyme activity in six Brazilian oxisols under cropland and native vegetation. *Bragantia*, **2020**, 79, 623-629	1.2	1
16	Short Communication: Soil carbon pools in different pasture systems. *Spanish Journal of Agricultural Research*, **2016**, 14, e11SC01	1.1	1
15	Plant growth-promoting bacteria improve growth and nitrogen metabolism in maize and sorghum. *Theoretical and Experimental Plant Physiology*, **2021**, 33, 249-260	2.4	1
14	Structure and diversity of bacterial community in semiarid soils cultivated with prickly-pear cactus (Opuntia ficus-indica (L.) Mill.). *Anais Da Academia Brasileira De Ciencias*, **2021**, 93, e20190183	1.4	1
13	Responses of microbial biomass, available phosphorus, and sugarcane yield after filter cake amendment in a tropical soil. *Australian Journal of Crop Science*, **2018**, 12, 552-556	0.5	1
12	Diversity, structure, and composition of plant growth-promoting bacteria in soil from Brazilian Cerrado. *Rhizosphere*, **2021**, 20, 100435	3.5	1
11	Ecosystem functions in different physiognomies of Cerrado through the Rapid Ecosystem Function Assessment (REFA).. *Anais Da Academia Brasileira De Ciencias*, **2022**, 94, e20200457	1.4	0
10	Cowpea nodules host a similar bacterial community regardless of soil properties. *Applied Soil Ecology*, **2022**, 172, 104354	5	0
9	Assessment of the phenotypic diversity in natural populations of Annona coriacea Mart.: implications for breeding. *Genetic Resources and Crop Evolution*,1	2	0
8	Forest-to-pasture conversion modifies the soil bacterial community in Brazilian dry forest Caatinga. *Science of the Total Environment*, **2021**, 810, 151943	10.2	0
7	Land degradation affects the microbial communities in the Brazilian Caatinga biome. *Catena*, **2022**, 211, 105961	5.8	0
6	Genetically related genotypes of cowpea present similar bacterial community in the rhizosphere.. *Scientific Reports*, **2022**, 12, 3472	4.9	0
5	Enzymatic Stoichiometry in Soils from Physiognomies of Brazilian Cerrado. *Journal of Soil Science and Plant Nutrition*,1	3.2	0
4	Rhizobacteria and arbuscular mycorrhizal fungus presented distinct and specific effects on soybean growth when inoculated with organic compost. *Rhizosphere*, **2022**, 22, 100513	3.5	0
3	Rhizobial Diversity for Tropical Pulses and Forage and Tree Legumes in Brazil **2017**, 135-151		
2	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	1.2	

1 Plant growth-promoting bacteria increase the yield of green maize and sweet sorghum. *Journal of Plant Nutrition*,1-11 2.3