

Fatima Moreira

List of Publications by Year in descending order

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165
papers

4,777
citations

117571

34
h-index

128225

60
g-index

168
all docs

168
docs citations

168
times ranked

4594
citing authors

#	ARTICLE	IF	CITATIONS
1	Phosphate-solubilizing fungi inoculated with Bradyrhizobium promote cowpea growth under varying N and P fertilization conditions. <i>Scientia Agricola</i> , 2022, 79, .	0.6	4
2	Hydrothermally-altered feldspar reduces metal toxicity and promotes plant growth in highly metal-contaminated soils. <i>Chemosphere</i> , 2022, 286, 131768.	4.2	9
3	Genetic and symbiotic characterization of rhizobia nodulating legumes in a mining area in southeast Brazil. <i>Scientia Agricola</i> , 2022, 79, .	0.6	3
4	Polymeric formulations of liquid inoculants with rhizobia exopolysaccharides increase the survival and symbiotic efficiency of elite Bradyrhizobium strains. <i>Archives of Microbiology</i> , 2022, 204, 177.	1.0	3
5	Acid and high-temperature tolerant Bradyrhizobium spp. strains from Brazilian soils are able to promote <i>Acacia mangium</i> and <i>Stizolobium aterrimum</i> growth. <i>Symbiosis</i> , 2021, 83, 65-78.	1.2	0
6	Soil physicochemical properties and terrain information predict soil enzymes activity in phytophysiognomies of the Quadrilátero Ferrífero region in Brazil. <i>Catena</i> , 2021, 199, 105083.	2.2	12
7	<i>Bradyrhizobium campsiandrae</i> sp. nov., a nitrogen-fixing bacterial strain isolated from a native leguminous tree from the Amazon adapted to flooded conditions. <i>Archives of Microbiology</i> , 2021, 203, 233-240.	1.0	8
8	Microbiological indicators of soil quality predicted via proximal and remote sensing. <i>European Journal of Soil Biology</i> , 2021, 104, 103315.	1.4	1
9	Rhizobia and endophytic bacteria isolated from rainforest fragments within an iron ore mining site of the Eastern Brazilian Amazon. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1461-1474.	0.8	5
10	Selection of elite <i>Rhizobium</i> strains by biometric techniques for inoculation in common bean. <i>Agronomy Journal</i> , 2021, 113, 3244-3257.	0.9	2
11	Diversity and biotechnological potential of rhizobia isolated from lima bean nodules collected at a semiarid region. <i>Soil Science Society of America Journal</i> , 2021, 85, 1663-1678.	1.2	0
12	Co-inoculation of selected nodule endophytic rhizobacterial strains with <i>Rhizobium tropici</i> promotes plant growth and controls damping off in common bean. <i>Pedosphere</i> , 2020, 30, 98-108.	2.1	30
13	Environmentally friendly urea produced from the association of N-(n-butyl) thiophosphoric triamide with biodegradable polymer coating obtained from a soybean processing byproduct. <i>Journal of Cleaner Production</i> , 2020, 276, 123014.	4.6	19
14	The Effectiveness of a Microbiological Attribute as a Soil Quality Indicator Depends on the Storage Time of the Sample. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 2525-2535.	1.7	6
15	<i>Inga edulis</i> Mart. intercropped with pasture improves soil quality without compromising forage yields. <i>Agroforestry Systems</i> , 2020, 94, 2355-2366.	0.9	1
16	Selected bacterial strains enhance phosphorus availability from biochar-based rock phosphate fertilizer. <i>Annals of Microbiology</i> , 2020, 70, .	1.1	21
17	Plant growth-promoting rhizobacterial communities from an area under the influence of iron mining and from the adjacent phytophysiognomies which have high genetic diversity. <i>Land Degradation and Development</i> , 2020, 31, 2237-2254.	1.8	8
18	<i>Bradyrhizobium uaiense</i> sp. nov., a new highly efficient cowpea symbiont. <i>Archives of Microbiology</i> , 2020, 202, 1135-1141.	1.0	10

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19	Microbiological indicators of soil quality are related to greater coffee yield in the Brazilian Cerrado region. <i>Ecological Indicators</i> , 2020, 113, 106205.	2.6	19
20	Selection of elite Bradyrhizobium strains by biometric techniques for inoculation in cowpea. <i>Soil Science Society of America Journal</i> , 2020, 84, 1125-1138.	1.2	6
21	Efficient Nitrogen-Fixing Bacteria Isolated from Soybean Nodules in the Semi-arid Region of Northeast Brazil are Classified as Bradyrhizobium brasilense (Symbiovar Sojae). <i>Current Microbiology</i> , 2020, 77, 1746-1755.	1.0	6
22	Ora-pro-nobis (<i>Pereskia aculeata</i> Mill.) Nutrition as Related to Soil Chemical and Physical Attributes and Plant Growth-Promoting Microorganisms. <i>Journal of Soil Science and Plant Nutrition</i> , 2020, 20, 1637-1654.	1.7	2
23	Formononetin accelerates mycorrhization and increases maize production at low phosphorus application rates. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20181371.	0.3	0
24	Trends in Brazilian Congress of Soil Science publications: An analysis of the 1947-2017 period. <i>Anais Da Academia Brasileira De Ciencias</i> , 2020, 92, e20180710.	0.3	1
25	Microsymbionts of forage peanut under different soil and climate conditions belong to a specific group of Bradyrhizobium strains. <i>Applied Soil Ecology</i> , 2019, 143, 201-212.	2.1	10
26	New rhizobia strains isolated from the Amazon region fix atmospheric nitrogen in symbiosis with cowpea and increase its yield. <i>Bragantia</i> , 2019, 78, 38-42.	1.3	4
27	Ionic speciation and risks associated with agricultural use of industrial biosolid applied in Inceptisol. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 449.	1.3	0
28	The Amount of Phosphate Solubilization Depends on the Strain, C-Source, Organic Acids and Type of Phosphate. <i>Geomicrobiology Journal</i> , 2019, 36, 232-242.	1.0	32
29	Nodulation and Yields of Common Bean are Not Affected Either by Fungicides or by the Method of Inoculation. <i>Agronomy Journal</i> , 2019, 111, 694-701.	0.9	14
30	Critical mercury concentration in tropical soils: Impact on plants and soil biological attributes. <i>Science of the Total Environment</i> , 2019, 666, 472-479.	3.9	23
31	Classification of the inoculant strain of cowpea UFLA03-84 and of other strains from soils of the Amazon region as Bradyrhizobium viridifuturi (symbiovar tropici). <i>Brazilian Journal of Microbiology</i> , 2019, 50, 335-345.	0.8	18
32	Mn concentration and mycorrhizal colonization in understory native species grown at areas of manganese mine tailings disposal. <i>International Journal of Phytoremediation</i> , 2019, 21, 564-576.	1.7	3
33	Liquid Inoculation with Rhizobia in the Planting Furrow of Common Bean under No-Till Is Feasible under Different Soil and Climatic Conditions. <i>Crop Science</i> , 2019, 59, 2178-2184.	0.8	4
34	Microbiological Indicators of Soil Quality Under Native Forests are Influenced by Topographic Factors. <i>Anais Da Academia Brasileira De Ciencias</i> , 2019, 91, e20180696.	0.3	4
35	<i>Aspergillus trisporus</i> : A new Jani section species from Brazilian soil. <i>Current Research in Environmental and Applied Mycology</i> , 2019, 9, 175-186.	0.3	3
36	<i>Bradyrhizobium forestalis</i> sp. nov., an efficient nitrogen-fixing bacterium isolated from nodules of forest legume species in the Amazon. <i>Archives of Microbiology</i> , 2018, 200, 743-752.	1.0	29

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37	Common bean (<i>Phaseolus vulgaris</i> L.) growth promotion and biocontrol by rhizobacteria under <i>Rhizoctonia solani</i> suppressive and conducive soils. <i>Applied Soil Ecology</i> , 2018, 127, 129-135.	2.1	23
38	Biological attributes of soil cultivated with corn intercropped with <i>Urochloa brizantha</i> in different plant arrangements with and without herbicide application. <i>Agriculture, Ecosystems and Environment</i> , 2018, 254, 35-40.	2.5	12
39	Symbiosis of rhizobia with <i>Gliricidia sepium </i> and <i>Clitoria fairchildiana</i> in an Oxisol in the pre-Amazon region of Maranhão State. <i>Acta Scientiarum - Agronomy</i> , 2018, 40, 35248.	0.6	7
40	Rhizobium strains selected from the Amazon region increase the yield of snap bean genotypes in protected cultivation. <i>Bragantia</i> , 2018, 77, 292-298.	1.3	2
41	MYCORRHIZATION STIMULANT IN SOYBEAN ASSOCIATED WITH PHOSPHATE FERTILIZATION IN OXISOLS. <i>Revista Caatinga</i> , 2018, 31, 823-831.	0.3	3
42	Viability of liquid medium-inoculation of <i>Rhizobium etli</i> in planting furrows with common bean. <i>Pesquisa Agropecuaria Brasileira</i> , 2018, 53, 394-398.	0.9	4
43	Effectiveness of Arbuscular Mycorrhizal Fungal Isolates from the Land Uses of Amazon Region in Symbiosis with Cowpea. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 357-371.	0.3	8
44	Tolerance to and Accumulation of Cadmium, Copper, and Zinc by <i>Cupriavidus necator</i> . <i>Revista Brasileira De Ciencia Do Solo</i> , 2018, 42, .	0.5	12
45	Soil microbiological attributes indicate recovery of an iron mining area and of the biological quality of adjacent phytophysionomies. <i>Ecological Indicators</i> , 2018, 93, 142-151.	2.6	25
46	Assessment of the occurrence and richness of arbuscular mycorrhizal fungal spores by direct analysis of field samples and trap culture - a comparative study. <i>Anais Da Academia Brasileira De Ciencias</i> , 2018, 90, 2359-2373.	0.3	10
47	Growth promotion of common bean and genetic diversity of bacteria from Amazon pastureland. <i>Scientia Agricola</i> , 2018, 75, 461-469.	0.6	9
48	<i>Cupriavidus necator</i> strains: zinc and cadmium tolerance and bioaccumulation. <i>Scientia Agricola</i> , 2018, 75, 452-460.	0.6	8
49	Formononetin stimulates mycorrhizal fungi colonization on the surface of active root nodules in soybean. <i>Symbiosis</i> , 2017, 71, 27-34.	1.2	5
50	Lima bean nodulates efficiently with <i>Bradyrhizobium</i> strains isolated from diverse legume species. <i>Symbiosis</i> , 2017, 73, 125-133.	1.2	5
51	<i>Bradyrhizobium brasiliense</i> sp. nov., a symbiotic nitrogen-fixing bacterium isolated from Brazilian tropical soils. <i>Archives of Microbiology</i> , 2017, 199, 1211-1221.	1.0	30
52	Leguminosae native nodulating bacteria from a gold mine As-contaminated soil: Multi-resistance to trace elements, and possible role in plant growth and mineral nutrition. <i>International Journal of Phytoremediation</i> , 2017, 19, 925-936.	1.7	26
53	Tripartite symbiosis of <i>Sophora tomentosa</i> , rhizobia and arbuscular mycorrhizal fungi. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 680-688.	0.8	9
54	Native rhizobia from Zn mining soil promote the growth of <i>Leucaena leucocephala</i> on contaminated soil. <i>International Journal of Phytoremediation</i> , 2017, 19, 142-156.	1.7	31

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55	Agronomic efficiency of Rhizobium strains from the Amazon region in common bean. <i>Acta Amazonica</i> , 2017, 47, 273-276.	0.3	5
56	Acid tolerant Rhizobium strains contribute to increasing the yield and profitability of common bean in tropical soils. <i>Journal of Soil Science and Plant Nutrition</i> , 2017, 17, 922-933.	1.7	18
57	Arbuscular mycorrhizal fungal communities in an iron mining area and its surroundings: Inoculum potential, density, and diversity of spores related to soil properties. <i>Ciencia E Agrotecnologia</i> , 2017, 41, 511-525.	1.5	30
58	Diversity and Efficiency of Rhizobia Communities from Iron Mining Areas Using Cowpea as a Trap Plant. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017, 41, .	0.5	18
59	Arbuscular mycorrhizal fungi and colonization stimulant in cotton and maize. <i>Ciencia Rural</i> , 2017, 47, .	0.3	4
60	Symbiotic Efficiency and Genotypic Characterization of Variants of Bradyrhizobium spp. in Commercial Inoculants for Soybeans. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017, 41, .	0.5	5
61	Lime and phosphate application as mycorrhizae stimulation to enhance growth and yield of Marandu grass. <i>Semina:Ciencias Agrarias</i> , 2017, 38, 2323.	0.1	2
62	Multiple linear regression and random forest to predict and map soil properties using data from portable X-ray fluorescence spectrometer (pXRF). <i>Ciencia E Agrotecnologia</i> , 2017, 41, 648-664.	1.5	65
63	Bukholderia strains promote Mimosa spp. growth but not Macroptilium atropurpureum. <i>Revista Ciencia Agronomica</i> , 2017, 48, .	0.1	8
64	Rhizobia inoculation and liming increase cowpea productivity in Maranhão State. <i>Acta Scientiarum - Agronomy</i> , 2016, 38, 387.	0.6	21
65	Arbuscular mycorrhizal fungi and mycorrhizal stimulant affect dry matter and nutrient accumulation in bean and soybean plants1. <i>Pesquisa Agropecuaria Tropical</i> , 2016, 46, 367-373.	1.0	4
66	Nursery growth and rhizobia symbiosis of scandent Leguminosae species native to the Amazon region. <i>Acta Amazonica</i> , 2016, 46, 367-376.	0.3	0
67	Nitrogen and molybdenum fertilization and inoculation of common bean with <i>Rhizobium</i> spp. in two oxisols. <i>Acta Scientiarum - Agronomy</i> , 2016, 38, 85.	0.6	16
68	Bradyrhizobium spp. Strains in Symbiosis with Pigeon Pea cv. Fava-Larga under Greenhouse and Field Conditions. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016, 40, .	0.5	8
69	Agronomic and Economic Efficiency of Common-Bean Inoculation with Rhizobia and Mineral Nitrogen Fertilization. <i>Revista Brasileira De Ciencia Do Solo</i> , 2016, 40, .	0.5	23
70	Seed Treatment with Fungicides Does Not Affect Symbiosis between Common Bean and Rhizobia. <i>Agronomy Journal</i> , 2016, 108, 1930-1937.	0.9	7
71	Bacterial strains from floodplain soils perform different plant-growth promoting processes and enhance cowpea growth. <i>Scientia Agricola</i> , 2016, 73, 301-310.	0.6	13
72	Draft Genome Sequence of <i>Mesorhizobium</i> sp. UFLA 01-765, a Multitolerant, Efficient Symbiont and Plant Growth-Promoting Strain Isolated from Zn-Mining Soil Using <i>Leucaena leucocephala</i> as a Trap Plant. <i>Genome Announcements</i> , 2016, 4, .	0.8	2

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73	Enrichment of arbuscular mycorrhizal fungi in a contaminated soil after rehabilitation. Brazilian Journal of Microbiology, 2016, 47, 853-862.	0.8	39
74	Land use intensification in the humid tropics increased both alpha and beta diversity of soil bacteria. Ecology, 2016, 97, 2760-2771.	1.5	92
75	Biological attributes of rehabilitated soils contaminated with heavy metals. Environmental Science and Pollution Research, 2016, 23, 6735-6748.	2.7	51
76	SYMBIOTIC EFFICIENCY OF RHIZOBIA STRAINS WITH COWPEA IN SOUTHERN MARANHÃO. Revista Caatinga, 2016, 29, 611-618.	0.3	5
77	Initial pH of medium affects organic acids production but do not affect phosphate solubilization. Brazilian Journal of Microbiology, 2015, 46, 367-375.	0.8	38
78	Phosphate Solubilization by Several Genera of Saprophytic Fungi and Its Influence on Corn and Cowpea Growth. Journal of Plant Nutrition, 2015, 38, 675-686.	0.9	9
79	Burkholderia fungorum promotes common bean growth in a dystrophic oxisol. Annals of Microbiology, 2015, 65, 1825-1832.	1.1	13
80	Phosphate-solubilising bacteria enhance Oryza sativa growth and nutrient accumulation in an oxisol fertilized with rock phosphate. Ecological Engineering, 2015, 83, 380-385.	1.6	43
81	Symbiotic efficiency and genetic diversity of soybean bradyrhizobia in Brazilian soils. Agriculture, Ecosystems and Environment, 2015, 212, 85-93.	2.5	30
82	High diversity of Bradyrhizobium strains isolated from several legume species and land uses in Brazilian tropical ecosystems. Systematic and Applied Microbiology, 2015, 38, 433-441.	1.2	53
83	Cowpea symbiotic efficiency, pH and aluminum tolerance in nitrogen-fixing bacteria. Scientia Agricola, 2014, 71, 171-180.	0.6	39
84	Symbiotic efficiency and identification of rhizobia that nodulate cowpea in a Rhodic Eutradox. Biology and Fertility of Soils, 2014, 50, 115-122.	2.3	30
85	Bacteria isolated from soils of the western Amazon and from rehabilitated bauxite-mining areas have potential as plant growth promoters. World Journal of Microbiology and Biotechnology, 2014, 30, 1239-1250.	1.7	43
86	Phytoprotective Effect of Arbuscular Mycorrhizal Fungi Species Against Arsenic Toxicity in Tropical Leguminous Species. International Journal of Phytoremediation, 2014, 16, 840-858.	1.7	36
87	Relationship between physical and chemical soil attributes and plant species diversity in tropical mountain ecosystems from Brazil. Journal of Mountain Science, 2014, 11, 875-883.	0.8	26
88	Estirpes de Bradyrhizobium em simbiose com guandu-anão em casa de vegetação e no campo. Pesquisa Agropecuaria Brasileira, 2014, 49, 197-206.	0.9	7
89	Growth and yield of the cowpea cultivar BRS Guariba inoculated with rhizobia strains in southwest Piauí. Semina: Ciências Agrárias, 2014, 35, 3073.	0.1	5
90	Nodule development on the tropical legume <i>Sesbania virgata</i> under flooded and non-flooded conditions. Plant Biology, 2013, 15, 93-98.	1.8	10

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91	Soil biological attributes in arsenic-contaminated gold mining sites after revegetation. <i>Ecotoxicology</i> , 2013, 22, 1526-1537.	1.1	29
92	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
93	Arbuscular mycorrhizal fungi in arsenic-contaminated areas in Brazil. <i>Journal of Hazardous Materials</i> , 2013, 262, 1105-1115.	6.5	64
94	Leguminous plants nodulated by selected strains of <i>Cupriavidus necator</i> grow in heavy metal contaminated soils amended with calcium silicate. <i>World Journal of Microbiology and Biotechnology</i> , 2013, 29, 2055-2066.	1.7	17
95	Conservation value of alternative land-use systems for dung beetles in Amazon: valuing traditional farming practices. <i>Biodiversity and Conservation</i> , 2013, 22, 1485-1499.	1.2	42
96	Symbiotic nitrogen-fixing bacterial populations trapped from soils under agroforestry systems in the Western Amazon. <i>Scientia Agricola</i> , 2013, 70, 397-404.	0.6	38
97	Fontes de nitrogênio e caule decomposto de <i>Mauritia flexuosa</i> na nodulação e crescimento de <i>Enterobium contortisiliquum</i> . <i>Revista Arvore</i> , 2013, 37, 969-979.	0.5	9
98	Promoção do crescimento vegetal e diversidade genética de bactérias isoladas de nódulos de feijão-caupi. <i>Pesquisa Agropecuaria Brasileira</i> , 2013, 48, 1275-1284.	0.9	28
99	Genetic and Symbiotic Diversity of Nitrogen-Fixing Bacteria Isolated from Agricultural Soils in the Western Amazon by Using Cowpea as the Trap Plant. <i>Applied and Environmental Microbiology</i> , 2012, 78, 6726-6733.	1.4	110
100	The mosaic of habitats in the high-altitude Brazilian rupestrian fields is a hotspot for arbuscular mycorrhizal fungi. <i>Applied Soil Ecology</i> , 2012, 52, 9-19.	2.1	133
101	Chemical and biochemical properties of <i>Araucaria angustifolia</i> (Bert.) Ktze. forest soils in the state of São Paulo. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012, 36, 1189-1202.	0.5	7
102	Physiological and symbiotic diversity of <i>Cupriavidus necator</i> strains isolated from nodules of Leguminosae species. <i>Scientia Agricola</i> , 2012, 69, 247-258.	0.6	14
103	Structural sustainability of cambisol under different land use system. <i>Revista Brasileira De Ciencia Do Solo</i> , 2012, 36, 1724-1732.	0.5	2
104	Biological nitrogen fixation and phosphate solubilization by bacteria isolated from tropical soils. <i>Plant and Soil</i> , 2012, 357, 289-307.	1.8	147
105	Efficient nitrogen-fixing <i>Rhizobium</i> strains isolated from amazonian soils are highly tolerant to acidity and aluminium. <i>World Journal of Microbiology and Biotechnology</i> , 2012, 28, 1947-1959.	1.7	68
106	<i>Cupriavidus necator</i> isolates are able to fix nitrogen in symbiosis with different legume species. <i>Systematic and Applied Microbiology</i> , 2012, 35, 175-182.	1.2	66
107	Diazotrophic <i>Burkholderia</i> species isolated from the Amazon region exhibit phenotypical, functional and genetic diversity. <i>Systematic and Applied Microbiology</i> , 2012, 35, 253-262.	1.2	38
108	Eficiência simbiótica de estirpes de <i>Cupriavidus necator</i> tolerantes a zinco, cádmio, cobre e chumbo. <i>Pesquisa Agropecuaria Brasileira</i> , 2012, 47, 85-95.	0.9	16

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109	Microbiologia do solo no ensino médio de Lavras, MG. Revista Brasileira De Ciencia Do Solo, 2012, 36, 295-306.	0.5	1
110	Land-use systems affect Archaeal community structure and functional diversity in western Amazon soils. Revista Brasileira De Ciencia Do Solo, 2011, 35, 1527-1540.	0.5	31
111	Simbiose de bactérias fixadoras de nitrogênio com feijoeiro-comum em diferentes valores de pH. Pesquisa Agropecuaria Brasileira, 2011, 46, 81-88.	0.9	24
112	Exopolysaccharides produced by the symbiotic nitrogen-fixing bacteria of leguminosae. Revista Brasileira De Ciencia Do Solo, 2011, 35, 657-671.	0.5	43
113	Solubilisation of inorganic phosphates by inoculant strains from tropical legumes. Scientia Agricola, 2011, 68, 603-609.	0.6	64
114	Density and diversity of diazotrophic bacteria isolated from Amazonian soils using N-free semi-solid media. Scientia Agricola, 2011, 68, 518-525.	0.6	13
115	Effect of fertilizers, lime, and inoculation with rhizobia and mycorrhizal fungi on the growth of four leguminous tree species in a low-fertility soil. Biology and Fertility of Soils, 2010, 46, 771-779.	2.3	23
116	Diversity and efficiency of bradyrhizobium strains isolated from soil samples collected from around sesbania virgata roots using cowpea as trap species. Revista Brasileira De Ciencia Do Solo, 2010, 34, 1113-1123.	0.5	27
117	Compatibility among fungicide treatments on soybean seeds through film coating and inoculation with Bradyrhizobium strains. Acta Scientiarum - Agronomy, 2010, 32, .	0.6	7
118	Biodiversity conservation in human-modified Amazonian forest landscapes. Biological Conservation, 2010, 143, 2314-2327.	1.9	218
119	Características simbióticas e fenotípicas de Azorhizobium doebereineriae, microsimbiote de Sesbania virgata. Revista Arvore, 2009, 33, 215-226.	0.5	8
120	Sesbania virgata stimulates the occurrence of its microsymbiont in soils but does not inhibit microsymbionts of other species. Scientia Agricola, 2009, 66, 667-676.	0.6	28
121	Atributos biológicos indicadores da qualidade do solo em pastagem cultivada e nativa no Pantanal. Pesquisa Agropecuaria Brasileira, 2009, 44, 631-637.	0.9	26
122	Indicadores biológicos da qualidade do solo em sistema agrossilvopastoril no noroeste do estado de Minas Gerais. Ciencia E Agrotecnologia, 2009, 33, 105-112.	1.5	10
123	Inoculação com cepas de rizóbio na cultura do feijoeiro. Ciencia Rural, 2009, 39, 2210-2212.	0.3	16
124	Differentiation in the fertility of Inceptisols as related to land use in the upper Solimões river region, western Amazon. Science of the Total Environment, 2009, 408, 349-355.	3.9	29
125	Nitrogen-fixing bacteria communities occurring in soils under different uses in the Western Amazon Region as indicated by nodulation of siratro (Macropitilium atropurpureum). Plant and Soil, 2009, 319, 127-145.	1.8	64
126	Changes in land use alter the structure of bacterial communities in Western Amazon soils. ISME Journal, 2009, 3, 1004-1011.	4.4	342

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127	Nodulation of <i>Sesbania</i> species by <i>Rhizobium</i> (<i>Agrobacterium</i>) strain IRBC74 and other rhizobia. <i>Environmental Microbiology</i> , 2009, 11, 2510-2525.	1.8	120
128	Atributos químicos e físicos de um solo tratado com biofertilizante industrial e cultivado com milho. <i>Revista Brasileira De Engenharia Agricola E Ambiental</i> , 2008, 12, 223-230.	0.4	27
129	Associative diazotrophic bacteria in grass roots and soils from heavy metal contaminated sites. <i>Anais Da Academia Brasileira De Ciencias</i> , 2008, 80, 749-761.	0.3	15
130	Eficiência de fungos micorrízicos arbusculares isolados de solos de áreas de mineração de bauxita no crescimento inicial de espécies nativas. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 141-150.	0.5	16
131	Carbono orgânico, nitrogênio total, biomassa e atividade microbiana do solo em duas cronosequências de reabilitação após a mineração de bauxita. <i>Revista Brasileira De Ciencia Do Solo</i> , 2008, 32, 621-632.	0.5	33
132	Parâmetros morfológicos de mudas de <i>Sesbania virgata</i> (Caz.) Pers e de <i>Anadenanthera peregrina</i> (L.) cultivadas em substrato fertilizado com composto de lixo urbano. <i>Revista Arvore</i> , 2008, 32, 597-607.	0.5	17
133	Características biológicas do solo indicadoras de qualidade após dois anos de aplicação de biofertilizante industrial e cultivo de milho. <i>Revista Brasileira De Ciencia Do Solo</i> , 2007, 31, 1173-1184.	0.5	26
134	Eficiência agrônômica de rizóbios selecionados e diversidade de populações nativas nodulíferas em perdões (MG): I - caupi. <i>Revista Brasileira De Ciencia Do Solo</i> , 2006, 30, 795-802.	0.5	43
135	Eficiência e diversidade fenotípica de bactérias diazotróficas que nodulam caupi [<i>Vigna unguiculata</i> (L.) Walp] e feijoeiro (<i>Phaseolus vulgaris</i> L.) em solos de mineração de bauxita em reabilitação. <i>Revista Brasileira De Ciencia Do Solo</i> , 2006, 30, 235-246.	0.5	27
136	<i>Azorhizobium doebereineriae</i> sp. Nov. Microsymbiont of <i>Sesbania virgata</i> (Caz.) Pers.. <i>Systematic and Applied Microbiology</i> , 2006, 29, 197-206.	1.2	67
137	Eficiência agrônômica de rizóbios selecionados e diversidade de populações nativas nodulíferas em Perdões (MG): II - feijoeiro. <i>Revista Brasileira De Ciencia Do Solo</i> , 2006, 30, 803-811.	0.5	48
138	Efeitos do glifosato sobre microrganismos simbióticos de soja, em meio de cultura e casa de vegetação. <i>Pesquisa Agropecuaria Brasileira</i> , 2006, 41, 285-291.	0.9	53
139	Diversidade fenotípica e eficiência simbiótica de estirpes de <i>Bradyrhizobium</i> spp. de solos da Amazônia. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 1095-1104.	0.9	20
140	Diversidade de bactérias que nodulam siratro em três sistemas de uso da terra da Amazônia Ocidental. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 769-776.	0.9	21
141	Avaliação agrônômica de um biofertilizante industrial para a cultura do milho. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 261-269.	0.9	27
142	Tolerância de bactérias diazotróficas simbióticas à salinidade in vitro. <i>Ciencia E Agrotecnologia</i> , 2004, 28, 899-905.	1.5	11
143	Caracterização fenotípica e diversidade de bactérias diazotróficas associativas isoladas de solos em reabilitação após a mineração de bauxita. <i>Revista Brasileira De Ciencia Do Solo</i> , 2004, 28, 269-279.	0.5	11
144	Densidade e diversidade fenotípica de bactérias diazotróficas endofíticas em solos de mineração de bauxita, em reabilitação. <i>Revista Brasileira De Ciencia Do Solo</i> , 2004, 28, 85-93.	0.5	17

#	ARTICLE	IF	CITATIONS
145	Ameniza��o do calc�rio na toxidez de zinco e c�dmio para mudas de <i>Eucalyptus camaldulensis</i> cultivadas em solo contaminado. <i>Revista Brasileira De Ciencia Do Solo</i> , 2004, 28, 775-783.	0.5	11
146	Crescimento de <i>Bradyrhizobium elkanii</i> estirpe Br 29 em meios de cultivo com diferentes valores de pH inicial. <i>Ciencia E Agrotecnologia</i> , 2004, 28, 397-405.	1.5	8
147	Fungos micorr�zicos arbusculares em solos de �rea de minera�o de bauxita em reabilita�o. <i>Pesquisa Agropecuaria Brasileira</i> , 2003, 38, 267-276.	0.9	33
148	Detec�o de <i>Azospirillum amazonense</i> em ra�zes e rizosfera de orchidaceae e de outras fam�lias vegetais. <i>Revista Brasileira De Ciencia Do Solo</i> , 2002, 26, 529-533.	0.5	7
149	Comportamento de esp�cies herb�ceas em misturas de solo com diferentes graus de contamina�o com metais pesados. <i>Pesquisa Agropecuaria Brasileira</i> , 2002, 37, 1629-1638.	0.9	20
150	Efeito do boro na nodula�o da ervilha cultivada em solos de v�rzea. <i>Pesquisa Agropecuaria Brasileira</i> , 2002, 37, 1137-1143.	0.9	4
151	Fungos micorr�zicos arbusculares em solos de �rea polu�da com metais pesados. <i>Revista Brasileira De Ciencia Do Solo</i> , 2002, 26, 125-134.	0.5	27
152	Sobreviv�ncia de <i>Bradyrhizobium</i> e <i>Azorhizobium</i> em misturas de solo contaminadas com metais pesados. <i>Revista Brasileira De Ciencia Do Solo</i> , 2002, 26, 249-256.	0.5	7
153	Toler�ncia de riz�bios de diferentes proced�ncias ao zinco, cobre e c�dmio. <i>Pesquisa Agropecuaria Brasileira</i> , 2002, 37, 343-355.	0.9	23
154	Toxidez de zinco no crescimento e nutri�o de <i>Eucalyptus maculata</i> e <i>Eucalyptus urophylla</i> em solu�o nutritiva. <i>Pesquisa Agropecuaria Brasileira</i> , 2001, 36, 339-348.	0.9	30
155	P� de forno de aciaria el�trica na microbiota do solo e no crescimento de soja. <i>Pesquisa Agropecuaria Brasileira</i> , 2001, 36, 1547-1554.	0.9	3
156	Estabelecimento de plantas herb�ceas em solo com contamina�o de metais pesados e inocula�o de fungos micorr�zicos arbusculares. <i>Pesquisa Agropecuaria Brasileira</i> , 2001, 36, 1443-1452.	0.9	31
157	Efeitos da inocula�o de fungos micorr�zicos arbusculares e da aplica�o de f�sforo no estabelecimento de forrageiras em solo degradado. <i>Pesquisa Agropecuaria Brasileira</i> , 1999, 34, 1669-1677.	0.9	13
158	Biodiversity of rhizobia isolated from a wide range of forest legumes in Brazil. <i>Molecular Ecology</i> , 1998, 7, 889-895.	2.0	105
159	Characterization of tropical tree rhizobia and description of <i>Mesorhizobium plurifarum</i> sp. nov.. <i>International Journal of Systematic Bacteriology</i> , 1998, 48, 369-382.	2.8	215
160	Agricultural intensification, soil biodiversity and ecosystem function in the tropics: the role of nitrogen-fixing bacteria. <i>Applied Soil Ecology</i> , 1997, 6, 55-76.	2.1	88
161	Characterization of Rhizobia Isolated from Different Divergence Groups of Tropical Leguminosae by Comparative Polyacrylamide Gel Electrophoresis of their Total Proteins. <i>Systematic and Applied Microbiology</i> , 1993, 16, 135-146.	1.2	120
162	Occurrence of nodulation in legume species in the Amazon region of Brazil. <i>New Phytologist</i> , 1992, 121, 563-570.	3.5	109

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163	New strains of Bradyrhizobium enrich plant biomass nitrogen content in Crotalaria for use as a green manure. <i>Bragantia</i> , 0, 80, .	1.3	0
164	Formononetin associated with phosphorus influences soybean symbiosis with mycorrhizal fungi and Bradyrhizobium. <i>Bioscience Journal</i> , 0, , 940-951.	0.4	4
165	STRAINS OF Paraburkholderia ORIGINATED FROM RUPESTRIAN FIELDS PROMOTE THE GROWTH OF Mimosa foliolosa. <i>Revista Arvore</i> , 0, 44, .	0.5	1