Fatima Moreira

List of Publications by Year in descending order

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	Changes in land use alter the structure of bacterial communities in Western Amazon soils. ISME Journal, 2009, 3, 1004-1011.	4.4	342
2	Biodiversity conservation in human-modified Amazonian forest landscapes. Biological Conservation, 2010, 143, 2314-2327.	1.9	218
3	Characterization of tropical tree rhizobia and description of Mesorhizobium plurifarium sp. nov.. International Journal of Systematic Bacteriology, 1998, 48, 369-382.	2.8	215
4	Biological nitrogen fixation and phosphate solubilization by bacteria isolated from tropical soils. Plant and Soil, 2012, 357, 289-307.	1.8	147
5	The mosaic of habitats in the high-altitude Brazilian rupestrian fields is a hotspot for arbuscular mycorrhizal fungi. Applied Soil Ecology, 2012, 52, 9-19.	2.1	133
6	A social and ecological assessment of tropical land uses at multiple scales: the Sustainable Amazon Network. Philosophical Transactions of the Royal Society B: Biological Sciences, 2013, 368, 20120166.	1.8	133
7	Characterization of Rhizobia Isolated from Different Divergence Groups of Tropical Leguminosae by Comparative Polyacrylamide Gel Electrophoresis of their Total Proteins. Systematic and Applied Microbiology, 1993, 16, 135-146.	1.2	120
8	Nodulation of Sesbania species by Rhizobium (Agrobacterium) strain IRBG74 and other rhizobia. Environmental Microbiology, 2009, 11, 2510-2525.	1.8	120
9	Genetic and Symbiotic Diversity of Nitrogen-Fixing Bacteria Isolated from Agricultural Soils in the Western Amazon by Using Cowpea as the Trap Plant. Applied and Environmental Microbiology, 2012, 78, 6726-6733.	1.4	110
10	Occurrence of nodulation in legume species in the Amazon region of Brazil. New Phytologist, 1992, 121, 563-570.	3.5	109
11	Biodiversity of rhizobia isolated from a wide range of forest legumes in Brazil. Molecular Ecology, 1998, 7, 889-895.	2.0	105
12	Land use intensification in the humid tropics increased both alpha and beta diversity of soil bacteria. Ecology, 2016, 97, 2760-2771.	1.5	92
13	Agricultural intensification, soil biodiversity and ecosystem function in the tropics: the role of nitrogen-fixing bacteria. Applied Soil Ecology, 1997, 6, 55-76.	2.1	88
14	Efficient nitrogen-fixing Rhizobium strains isolated from amazonian soils are highly tolerant to acidity and aluminium. World Journal of Microbiology and Biotechnology, 2012, 28, 1947-1959.	1.7	68
15	Azorhizobium doebereinerae sp. Nov. Microsymbiont of Sesbania virgata (Caz.) Pers.. Systematic and Applied Microbiology, 2006, 29, 197-206.	1.2	67
16	Cupriavidus necator isolates are able to fix nitrogen in symbiosis with different legume species. Systematic and Applied Microbiology, 2012, 35, 175-182.	1.2	66
17	Multiple linear regression and random forest to predict and map soil properties using data from portable X-ray fluorescence spectrometer (pXRF). Ciencia E Agrotecnologia, 2017, 41, 648-664.	1.5	65
18	Nitrogen-fixing bacteria communities occurring in soils under different uses in the Western Amazon Region as indicated by nodulation of siratro (Macroptilium atropurpureum). Plant and Soil, 2009, 319, 127-145.	1.8	64

#	Article	IF	Citations
19	Solubilisation of inorganic phosphates by inoculant strains from tropical legumes. Scientia Agricola, 2011, 68, 603-609.	0.6	64
20	Arbuscular mycorrhizal fungi in arsenic-contaminated areas in Brazil. Journal of Hazardous Materials, 2013, 262, 1105-1115.	6.5	64
21	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
22	Efeitos do glifosato sobre microrganismos simbiotrÃ³ficos de soja, em meio de cultura e casa de vegetaÃ§Ã£o. Pesquisa Agropecuaria Brasileira, 2006, 41, 285-291.	0.9	53
23	Biological attributes of rehabilitated soils contaminated with heavy metals. Environmental Science and Pollution Research, 2016, 23, 6735-6748.	2.7	51
24	EficiÃªncia agronÃ´mica de rizÃ³bios selecionados e diversidade de populaÃ§Ãµes nativas nodulÃferas em PerdÃµes (MG): II - feijoeiro. Revista Brasileira De Ciencia Do Solo, 2006, 30, 803-811.	0.5	48
25	EficiÃªncia agronÃ´mica de rizÃ³bios selecionados e diversidade de populaÃ§Ãµes nativas nodulÃferas em perdÃµes (MG): I - caupi. Revista Brasileira De Ciencia Do Solo, 2006, 30, 795-802.	0.5	43
26	Exopolysaccharides produced by the symbiotic nitrogen-fixing bacteria of leguminosae. Revista Brasileira De Ciencia Do Solo, 2011, 35, 657-671.	0.5	43
27	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
28	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
29	Conservation value of alternative land-use systems for dung beetles in Amazon: valuing traditional farming practices. Biodiversity and Conservation, 2013, 22, 1485-1499.	1.2	42
30	Cowpea symbiotic efficiency, pH and aluminum tolerance in nitrogen-fixing bacteria. Scientia Agricola, 2014, 71, 171-180.	0.6	39
31	Enrichment of arbuscular mycorrhizal fungi in a contaminated soil after rehabilitation. Brazilian Journal of Microbiology, 2016, 47, 853-862.	0.8	39
32	Diazotrophic Burkholderia species isolated from the Amazon region exhibit phenotypical, functional and genetic diversity. Systematic and Applied Microbiology, 2012, 35, 253-262.	1.2	38
33	Symbiotic nitrogen-fixing bacterial populations trapped from soils under agroforestry systems in the Western Amazon. Scientia Agricola, 2013, 70, 397-404.	0.6	38
34	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
35	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
36	Fungos micorrÃzicos arbusculares em solos de Ã¡rea de mineraÃ§Ã£o de bauxita em reabilitaÃ§Ã£o. Pesquisa Agropecuaria Brasileira, 2003, 38, 267-276.	0.9	33

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37	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.	0.5	33
38	The Amount of Phosphate Solubilization Depends on the Strain, C-Source, Organic Acids and Type of Phosphate. Geomicrobiology Journal, 2019, 36, 232-242.	1.0	32
39	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
40	Native rhizobia from Zn mining soil promote the growth of Leucaena leucocephala on contaminated soil. International Journal of Phytoremediation, 2017, 19, 142-156.	1.7	31
41	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
42	Toxidez de zinco no crescimento e nutriÃ§Ã£o de Eucalyptus maculata e Eucalyptus urophylla em soluÃ§Ã£o nutritiva. Pesquisa Agropecuaria Brasileira, 2001, 36, 339-348.	0.9	30
43	Symbiotic efficiency and identification of rhizobia that nodulate cowpea in a Rhodic Eutrudox. Biology and Fertility of Soils, 2014, 50, 115-122.	2.3	30
44	Symbiotic efficiency and genetic diversity of soybean bradyrhizobia in Brazilian soils. Agriculture, Ecosystems and Environment, 2015, 212, 85-93.	2.5	30
45	Bradyrhizobium brasilense sp. nov., a symbiotic nitrogen-fixing bacterium isolated from Brazilian tropical soils. Archives of Microbiology, 2017, 199, 1211-1221.	1.0	30
46	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
47	Co-inoculation of selected nodule endophytic rhizobacterial strains with Rhizobium tropici promotes plant growth and controls damping off in common bean. Pedosphere, 2020, 30, 98-108.	2.1	30
48	Differentiation in the fertility of Inceptisols as related to land use in the upper SolimÃµes river region, western Amazon. Science of the Total Environment, 2009, 408, 349-355.	3.9	29
49	Soil biological attributes in arsenic-contaminated gold mining sites after revegetation. Ecotoxicology, 2013, 22, 1526-1537.	1.1	29
50	Bradyrhizobium forestalis sp. nov., an efficient nitrogen-fixing bacterium isolated from nodules of forest legume species in the Amazon. Archives of Microbiology, 2018, 200, 743-752.	1.0	29
51	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
52	PromoÃ§Ã£o do crescimento vegetal e diversidade genÃ©tica de bactÃ©rias isoladas de nÃ³dulos de feijÃ£o-caupi. Pesquisa Agropecuaria Brasileira, 2013, 48, 1275-1284.	0.9	28
53	Fungos micorrÃzicos arbusculares em solos de Ã¡rea poluÃda com metais pesados. Revista Brasileira De Ciencia Do Solo, 2002, 26, 125-134.	0.5	27
54	EficiÃªncia e diversidade fenotÃpica de bactÃ©rias diazotrÃ³ficas que nodulam caupi [Vigna unguiculata (L.) Walp] e feijoeiro (Phaseolus vulgaris L.) em solos de mineraÃ§Ã£o de bauxita em reabilitaÃ§Ã£o. Revista Brasileira De Ciencia Do Solo, 2006, 30, 235-246.	0.5	27

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55	Atributos quÃmicos e fÃsicos de um solo tratado com biossÃ³lido industrial e cultivado com milho. Revista Brasileira De Engenharia Agricola E Ambiental, 2008, 12, 223-230.	0.4	27
56	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
57	AvaliaÃ§Ã£o agronÃ´mica de um biossÃ³lido industrial para a cultura do milho. Pesquisa Agropecuaria Brasileira, 2005, 40, 261-269.	0.9	27
58	Atributos biolÃ³gicos indicadores da qualidade do solo em pastagem cultivada e nativa no Pantanal. Pesquisa Agropecuaria Brasileira, 2009, 44, 631-637.	0.9	26
59	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
60	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. International Journal of Phytoremediation, 2017, 19, 925-936.	1.7	26
61	CaracterÃsticas biolÃ³gicas do solo indicadoras de qualidade apÃ³s dois anos de aplicaÃ§Ã£o de biossÃ³lido industrial e cultivo de milho. Revista Brasileira De Ciencia Do Solo, 2007, 31, 1173-1184.	0.5	26
62	Soil microbiological attributes indicate recovery of an iron mining area and of the biological quality of adjacent phytophysiognomies. Ecological Indicators, 2018, 93, 142-151.	2.6	25
63	Simbiose de bactÃ©rias fixadoras de nitrogÃªnio com feijoeiro-comum em diferentes valores de pH. Pesquisa Agropecuaria Brasileira, 2011, 46, 81-88.	0.9	24
64	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
65	Agronomic and Economic Efficiency of Common-Bean Inoculation with Rhizobia and Mineral Nitrogen Fertilization. Revista Brasileira De Ciencia Do Solo, 2016, 40, .	0.5	23
66	Common bean (Phaseolus vulgaris L.) growth promotion and biocontrol by rhizobacteria under Rhizoctonia solani suppressive and conducive soils. Applied Soil Ecology, 2018, 127, 129-135.	2.1	23
67	Critical mercury concentration in tropical soils: Impact on plants and soil biological attributes. Science of the Total Environment, 2019, 666, 472-479.	3.9	23
68	TolerÃ¢ncia de rizÃ³bios de diferentes procedÃªncias ao zinco, cobre e cÃ¡dmio. Pesquisa Agropecuaria Brasileira, 2002, 37, 343-355.	0.9	23
69	Diversidade de bactÃ©rias que nodulam siratro em trÃªs sistemas de uso da terra da AmazÃ´nia Ocidental. Pesquisa Agropecuaria Brasileira, 2005, 40, 769-776.	0.9	21
70	<b>Rhizobia inoculation and liming increase cowpea productivity in MaranhÃ£o State. Acta Scientiarum - Agronomy, 2016, 38, 387.	0.6	21
71	Selected bacterial strains enhance phosphorus availability from biochar-based rock phosphate fertilizer. Annals of Microbiology, 2020, 70, .	1.1	21
72	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

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73	Diversidade fenotÃpica e eficiÃªncia simbiÃ³tica de estirpes de Bradyrhizobium spp. de solos da AmazÃ´nia. Pesquisa Agropecuaria Brasileira, 2005, 40, 1095-1104.	0.9	20
74	Environmentally friendly urea produced from the association of N-(n-butyl) thiophosphoric triamide with biodegradable polymer coating obtained from a soybean processing byproduct. Journal of Cleaner Production, 2020, 276, 123014.	4.6	19
75	Microbiological indicators of soil quality are related to greater coffee yield in the Brazilian Cerrado region. Ecological Indicators, 2020, 113, 106205.	2.6	19
76	Acid tolerant Rhizobium strains contribute to increasing the yield and profitability of common bean in tropical soils. Journal of Soil Science and Plant Nutrition, 2017, 17, 922-933.	1.7	18
77	Diversity and Efficiency of Rhizobia Communities from Iron Mining Areas Using Cowpea as a Trap Plant. Revista Brasileira De Ciencia Do Solo, 2017, 41, .	0.5	18
78	Classification of the inoculant strain of cowpea UFLA03-84 and of other strains from soils of the Amazon region as Bradyrhizobium viridifuturi (symbiovar tropici). Brazilian Journal of Microbiology, 2019, 50, 335-345.	0.8	18
79	Densidade e diversidade fenotÃpica de bactÃ©rias diazotrÃ³ficas endofÃticas em solos de mineraÃ§Ã£o de bauxita, em reabilitaÃ§Ã£o. Revista Brasileira De Ciencia Do Solo, 2004, 28, 85-93.	0.5	17
80	Leguminous plants nodulated by selected strains of Cupriavidus necator grow in heavy metal contaminated soils amended with calcium silicate. World Journal of Microbiology and Biotechnology, 2013, 29, 2055-2066.	1.7	17
81	ParÃ¢metros morfolÃ³gicos de mudas de Sesbania virgata (Caz.) Pers e de Anadenanthera peregrina (L.) cultivadas em substrato fertilizado com composto de lixo urbano. Revista Arvore, 2008, 32, 597-607.	0.5	17
82	InoculaÃ§Ã£o com cepas de rizÃ³bio na cultura do feijoeiro. Ciencia Rural, 2009, 39, 2210-2212.	0.3	16
83	<b>Nitrogen and molybdenum fertilization and inoculation of common bean with <i>Rhizobium</i> spp. in two oxisols. Acta Scientiarum - Agronomy, 2016, 38, 85.	0.6	16
84	EficiÃªncia de fungos micorrÃzicos arbusculares isolados de solos de Ã¡reas de mineraÃ§Ã£o de bauxita no crescimento inicial de espÃ©cies nativas. Revista Brasileira De Ciencia Do Solo, 2008, 32, 141-150.	0.5	16
85	EficiÃªncia simbiÃ³tica de estirpes de Cupriavidus necator tolerantes a zinco, cÃ¡dmio, cobre e chumbo. Pesquisa Agropecuaria Brasileira, 2012, 47, 85-95.	0.9	16
86	Associative diazotrophic bacteria in grass roots and soils from heavy metal contaminated sites. Anais Da Academia Brasileira De Ciencias, 2008, 80, 749-761.	0.3	15
87	Physiological and symbiotic diversity of Cupriavidus necator strains isolated from nodules of Leguminosae species. Scientia Agricola, 2012, 69, 247-258.	0.6	14
88	Nodulation and Yields of Common Bean are Not Affected Either by Fungicides or by the Method of Inoculation. Agronomy Journal, 2019, 111, 694-701.	0.9	14
89	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
90	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

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91	Burkholderia fungorum promotes common bean growth in a dystrophic oxisol. Annals of Microbiology, 2015, 65, 1825-1832.	1.1	13
92	Bacterial strains from floodplain soils perform different plant-growth promoting processes and enhance cowpea growth. Scientia Agricola, 2016, 73, 301-310.	0.6	13
93	Biological attributes of soil cultivated with corn intercropped with Urochloa brizantha in different plant arrangements with and without herbicide application. Agriculture, Ecosystems and Environment, 2018, 254, 35-40.	2.5	12
94	Tolerance to and Accumulation of Cadmium, Copper, and Zinc by Cupriavidus necator. Revista Brasileira De Ciencia Do Solo, 2018, 42, .	0.5	12
95	Soil physicochemical properties and terrain information predict soil enzymes activity in phytophysiognomies of the QuadrilÃ¡tero FerrÃfero region in Brazil. Catena, 2021, 199, 105083.	2.2	12
96	TolerÃ¢ncia de bactÃ©rias diazotrÃ³ficas simbiÃ³ticas Ã salinidade in vitro. Ciencia E Agrotecnologia, 2004, 28, 899-905.	1.5	11
97	CaracterizaÃ§Ã£o fenotÃpica e diversidade de bactÃ©rias diazotrÃ³ficas associativas isoladas de solos em reabilitaÃ§Ã£o apÃ³s a mineraÃ§Ã£o de bauxita. Revista Brasileira De Ciencia Do Solo, 2004, 28, 269-279.	0.5	11
98	AmenizaÃ§Ã£o do calcÃ¡rio na toxidez de zinco e cÃ¡dmio para mudas de Eucalyptus camaldulensis cultivadas em solo contaminado. Revista Brasileira De Ciencia Do Solo, 2004, 28, 775-783.	0.5	11
99	Indicadores biolÃ³gicos da qualidade do solo em sistema agrossilvopastoril no noroeste do estado de Minas Gerais. Ciencia E Agrotecnologia, 2009, 33, 105-112.	1.5	10
100	Nodule development on the tropical legume Sesbania virgata under flooded and nonâ€flooded conditions. Plant Biology, 2013, 15, 93-98.	1.8	10
101	Assessment of the occurrence and richness of arbuscular mycorrhizal fungal spores by direct analysis of field samples and trap culture - a comparative study. Anais Da Academia Brasileira De Ciencias, 2018, 90, 2359-2373.	0.3	10
102	Microsymbionts of forage peanut under different soil and climate conditions belong to a specific group of Bradyrhizobium strains. Applied Soil Ecology, 2019, 143, 201-212.	2.1	10
103	Bradyrhizobium uaiense sp. nov., a new highly efficient cowpea symbiont. Archives of Microbiology, 2020, 202, 1135-1141.	1.0	10
104	Fontes de nitrogÃªnio e caule decomposto de Mauritia flexuosa na nodulaÃ§Ã£o e crescimento de Enterolobium contortsiliquum. Revista Arvore, 2013, 37, 969-979.	0.5	9
105	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
106	Tripartite symbiosis of Sophora tomentosa , rhizobia and arbuscular mycorhizal fungi. Brazilian Journal of Microbiology, 2017, 48, 680-688.	0.8	9
107	Growth promotion of common bean and genetic diversity of bacteria from Amazon pastureland. Scientia Agricola, 2018, 75, 461-469.	0.6	9
108	Hydrothermally-altered feldspar reduces metal toxicity and promotes plant growth in highly metal-contaminated soils. Chemosphere, 2022, 286, 131768.	4.2	9

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109	Crescimento de Bradyrhizobium elkanii estirpe Br 29 em meios de cultivo com diferentes valores de pH inicial. Ciencia E Agrotecnologia, 2004, 28, 397-405.	1.5	8
110	CaracterÃsticas simbiÃ³ticas e fenotÃpicas de Azorhizobium doebereinerae, microissimbiote de Sesbania virgata. Revista Arvore, 2009, 33, 215-226.	0.5	8
111	Bradyrhizobium spp. Strains in Symbiosis with Pigeon Pea cv. Fava-Larga under Greenhouse and Field Conditions. Revista Brasileira De Ciencia Do Solo, 2016, 40, .	0.5	8
112	Effectiveness of Arbuscular Mycorrhizal Fungal Isolates from the Land Uses of Amazon Region in Symbiosis with Cowpea. Anais Da Academia Brasileira De Ciencias, 2018, 90, 357-371.	0.3	8
113	Cupriavidus necator strains: zinc and cadmium tolerance and bioaccumulation. Scientia Agricola, 2018, 75, 452-460.	0.6	8
114	Plant growthâ€promoting rhizobacterial communities from an area under the influence of iron mining and from the adjacent phytophysiognomies which have high genetic diversity. Land Degradation and Development, 2020, 31, 2237-2254.	1.8	8
115	Bradyrhizobium campsiandrae sp. nov., a nitrogen-fixing bacterial strain isolated from a native leguminous tree from the Amazon adapted to flooded conditions. Archives of Microbiology, 2021, 203, 233-240.	1.0	8
116	Bukholderia strains promote Mimosa spp. growth but not Macroptilium atropurpureum. Revista Ciencia Agronomica, 2017, 48, .	0.1	8
117	DetecÃ§Ã£o de Azospirillum amazonense em raÃzes e rizosfera de orchidaceae e de outras famÃlias vegetais. Revista Brasileira De Ciencia Do Solo, 2002, 26, 529-533.	0.5	7
118	Compatibility among fungicide treatments on soybean seeds through film coating and inoculation with Bradyrhizobium strains. Acta Scientiarum - Agronomy, 2010, 32, .	0.6	7
119	Chemical and biochemical properties of Araucaria angustifolia (Bert.) Ktze. forest soils in the state of SÃ£o Paulo. Revista Brasileira De Ciencia Do Solo, 2012, 36, 1189-1202.	0.5	7
120	Seed Treatment with Fungicides Does Not Affect Symbiosis between Common Bean and Rhizobia. Agronomy Journal, 2016, 108, 1930-1937.	0.9	7
121	<b>Symbiosis of rhizobia with <i>Gliricidia sepium </i> and <i>Clitoria fairchildiana</i> in an Oxisol in the pre-Amazon region of MaranhÃ£o State. Acta Scientiarum - Agronomy, 2018, 40, 35248.	0.6	7
122	SobrevivÃªncia de Bradyrhizobium e Azorhizobium em misturas de solo contaminadas com metais pesados. Revista Brasileira De Ciencia Do Solo, 2002, 26, 249-256.	0.5	7
123	Estirpes de Bradyrhizobium em simbiose com guandu-anÃ£o em casa de vegetaÃ§Ã£o e no campo. Pesquisa Agropecuaria Brasileira, 2014, 49, 197-206.	0.9	7
124	The Effectiveness of a Microbiological Attribute as a Soil Quality Indicator Depends on the Storage Time of the Sample. Journal of Soil Science and Plant Nutrition, 2020, 20, 2525-2535.	1.7	6
125	Selection of elite Bradyrhizobium strains by biometric techniques for inoculation in cowpea. Soil Science Society of America Journal, 2020, 84, 1125-1138.	1.2	6
126	Efficient Nitrogen-Fixing Bacteria Isolated from Soybean Nodules in the Semi-arid Region of Northeast Brazil are Classified as Bradyrhizobium brasilense (Symbiovar Sojae). Current Microbiology, 2020, 77, 1746-1755.	1.0	6

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127	Formononetin stimulates mycorrhizal fungi colonization on the surface of active root nodules in soybean. Symbiosis, 2017, 71, 27-34.	1.2	5
128	Lima bean nodulates efficiently with Bradyrhizobium strains isolated from diverse legume species. Symbiosis, 2017, 73, 125-133.	1.2	5
129	Agronomic efficiency of Rhizobium strains from the Amazon region in common bean. Acta Amazonica, 2017, 47, 273-276.	0.3	5
130	Symbiotic Efficiency and Genotypic Characterization of Variants of Bradyrhizobium spp. in Commercial Inoculants for Soybeans. Revista Brasileira De Ciencia Do Solo, 2017, 41, .	0.5	5
131	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.	0.8	5
132	SYMBIOTIC EFFICIENCY OF RHIZOBIA STRAINS WITH COWPEA IN SOUTHERN MARANHÃƒO. Revista Caatinga, 2016, 29, 611-618.	0.3	5
133	Growth and yield of the cowpea cultivar BRS Guariba inoculated with rhizobia strains in southwest PiauÃ. Semina:Ciencias Agrarias, 2014, 35, 3073.	0.1	5
134	Efeito do boro na nodulaÃ§Ã£o da ervilha cultivada em solos de vÃ¡rzea. Pesquisa Agropecuaria Brasileira, 2002, 37, 1137-1143.	0.9	4
135	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
136	Arbuscular mycorrhizal fungi and colonization stimulant in cotton and maize. Ciencia Rural, 2017, 47, .	0.3	4
137	Viability of liquid medium-inoculation of Rhizobium etli in planting furrows with common bean. Pesquisa Agropecuaria Brasileira, 2018, 53, 394-398.	0.9	4
138	New rhizobia strains isolated from the Amazon region fix atmospheric nitrogen in symbiosis with cowpea and increase its yield. Bragantia, 2019, 78, 38-42.	1.3	4
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