

Siu Mui Tsai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4183315/publications.pdf>

Version: 2024-02-01

205
papers

10,850
citations

44069

48
h-index

37204

96
g-index

210
all docs

210
docs citations

210
times ranked

11490
citing authors

#	ARTICLE	IF	CITATIONS
1	Long-term land use in Amazon influence the dynamic of microbial communities in soil and rhizosphere. <i>Rhizosphere</i> , 2022, 21, 100482.	3.0	6
2	Increased soil moisture intensifies the impacts of forest-to-pasture conversion on methane emissions and methane-cycling communities in the Eastern Amazon. <i>Environmental Research</i> , 2022, 212, 113139.	7.5	15
3	Maintaining grass coverage increases methane uptake in Amazonian pastures, with a reduction of methanogenic archaea in the rhizosphere. <i>Science of the Total Environment</i> , 2022, 838, 156225.	8.0	5
4	Sorption-desorption and biodegradation of sulfometuron-methyl and its effects on the bacterial communities in Amazonian soils amended with aged biochar. <i>Ecotoxicology and Environmental Safety</i> , 2021, 207, 111222.	6.0	16
5	Rainforest-to-pasture conversion stimulates soil methanogenesis across the Brazilian Amazon. <i>ISME Journal</i> , 2021, 15, 658-672.	9.8	21
6	Amazon deforestation enriches antibiotic resistance genes. <i>Soil Biology and Biochemistry</i> , 2021, 153, 108110.	8.8	16
7	Effects of burned and unburned sugarcane harvesting systems on soil CO ₂ emission and soil physical, chemical, and microbiological attributes. <i>Catena</i> , 2021, 196, 104903.	5.0	12
8	Molecular Markers in Bamboos: Understanding Reproductive Biology, Genetic Structure, Interspecies Diversity, and Clonal Fidelity for Conservation and Breeding. , 2021, , 33-62.		1
9	Soil CO ₂ emission and soil attributes associated with the microbiota of a sugarcane area in southern Brazil. <i>Scientific Reports</i> , 2021, 11, 8325.	3.3	6
10	Not just a methane source: Amazonian floodplain sediments harbour a high diversity of methanotrophs with different metabolic capabilities. <i>Molecular Ecology</i> , 2021, 30, 2560-2572.	3.9	9
11	Responses of Low-Cost Input Combinations on the Microbial Structure of the Maize Rhizosphere for Greenhouse Gas Mitigation and Plant Biomass Production. <i>Frontiers in Plant Science</i> , 2021, 12, 683658.	3.6	3
12	Taxonomic and nitrogen-cycling microbial community functional profiles of sugarcane and adjacent forest soils in Southeast Brazil. <i>MOJ Ecology & Environmental Sciences</i> , 2021, 6, 119-125.	0.2	1
13	Active methane processing microbes and the disproportionate role of NC10 phylum in methane mitigation in Amazonian floodplains. <i>Biogeochemistry</i> , 2021, 156, 293-317.	3.5	7
14	Ovarian activation delays in peripubertal ewe lambs infected with <i>Haemonchus contortus</i> can be avoided by supplementing protein in their diets. <i>BMC Veterinary Research</i> , 2021, 17, 344.	1.9	2
15	The effect of <i>Haemonchus contortus</i> and <i>Trichostrongylus colubriformis</i> infection on the ruminal microbiome of lambs. <i>Experimental Parasitology</i> , 2021, 231, 108175.	1.2	6
16	Methods to Identify Soil Microbial Bioindicators of Sustainable Management of Bioenergy Crops. <i>Methods in Molecular Biology</i> , 2021, 2232, 251-263.	0.9	0
17	Combined Use of Vinasse and Nitrogen as Fertilizers Affects Nitrification, Ammonification, and Denitrification by Prokaryotes. <i>Frontiers in Soil Science</i> , 2021, 1, .	2.2	1
18	Ecological Processes Shaping Bulk Soil and Rhizosphere Microbiome Assembly in a Long-Term Amazon Forest-to-Agriculture Conversion. <i>Microbial Ecology</i> , 2020, 79, 110-122.	2.8	41

#	ARTICLE	IF	CITATIONS
19	Belowground changes to community structure alter methane-cycling dynamics in Amazonia. <i>Environment International</i> , 2020, 145, 106131.	10.0	18
20	Synthesis and potential application of polygalacturonase from a <i>Penicillium brasilianum</i> isolate. <i>Acta Scientiarum - Technology</i> , 2020, 42, e48042.	0.4	0
21	The natural recovery of soil microbial community and nitrogen functions after pasture abandonment in the Amazon region. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	33
22	Metagenome assembled genomes reveal similar functional profiles of <i>CPR</i> /Patescibacteria phyla in soils. <i>Environmental Microbiology Reports</i> , 2020, 12, 651-655.	2.4	27
23	Long-term lime and gypsum amendment increase nitrogen fixation and decrease nitrification and denitrification gene abundances in the rhizosphere and soil in a tropical no-till intercropping system. <i>Geoderma</i> , 2020, 375, 114476.	5.1	69
24	Assessment of microbial diversity associated with CH ₄ emission from sugarcane vinasse storage and transportation systems. <i>Journal of Environmental Management</i> , 2020, 269, 110748.	7.8	7
25	Robust DNA protocols for tropical soils. <i>Heliyon</i> , 2020, 6, e03830.	3.2	13
26	Tannin supplementation modulates the composition and function of ruminal microbiome in lambs infected with gastrointestinal nematodes. <i>FEMS Microbiology Ecology</i> , 2020, 96, .	2.7	16
27	Gestational and lactational exposure to gossypol alters the testis transcriptome. <i>BMC Genomics</i> , 2020, 21, 59.	2.8	10
28	Exploration of the Yield Potential of Mesoamerican Wild Common Beans From Contrasting Eco-Geographic Regions by Nested Recombinant Inbred Populations. <i>Frontiers in Plant Science</i> , 2020, 11, 346.	3.6	14
29	Forest-to-agriculture conversion in Amazon drives soil microbial communities and N-cycle. <i>Soil Biology and Biochemistry</i> , 2019, 137, 107567.	8.8	61
30	Does Sugarcane Straw Removal Change the Abundance of Soil Microbes?. <i>Bioenergy Research</i> , 2019, 12, 901-908.	3.9	13
31	Forest conversion to pasture affects soil phosphorus dynamics and nutritional status in Brazilian Amazon. <i>Soil and Tillage Research</i> , 2019, 194, 104330.	5.6	29
32	Acidobacteria Subgroups and Their Metabolic Potential for Carbon Degradation in Sugarcane Soil Amended With Vinasse and Nitrogen Fertilizers. <i>Frontiers in Microbiology</i> , 2019, 10, 1680.	3.5	61
33	A new glance on root-to-shoot in vivo zinc transport and time-dependent physiological effects of ZnSO ₄ and ZnO nanoparticles on plants. <i>Scientific Reports</i> , 2019, 9, 10416.	3.3	51
34	Resistance Breeding of Common Bean Shapes the Physiology of the Rhizosphere Microbiome. <i>Frontiers in Microbiology</i> , 2019, 10, 2252.	3.5	41
35	Amazon forest-to-agriculture conversion alters rhizosphere microbiome composition while functions are kept. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	32
36	Analysis of the common bean (<i>Phaseolus vulgaris</i> L.) transcriptome regarding efficiency of phosphorus use. <i>PLoS ONE</i> , 2019, 14, e0210428.	2.5	16

#	ARTICLE	IF	CITATIONS
37	<i>DREB</i> Genes from Common Bean (<i>Phaseolus vulgaris</i> L.) Show Broad to Specific Abiotic Stress Responses and Distinct Levels of Nucleotide Diversity. <i>International Journal of Genomics</i> , 2019, 1-28.	1.6	17
38	Effect of drought stress on the genetic architecture of photosynthate allocation and remobilization in pods of common bean (<i>Phaseolus vulgaris</i> L.), a key species for food security. <i>BMC Plant Biology</i> , 2019, 19, 171.	3.6	55
39	Health and nutrition in sheep receiving <i>Bacillus thuringiensis</i> . <i>Animal Production Science</i> , 2019, 59, 1119.	1.3	3
40	Forest-to-pasture conversion and recovery based on assessment of microbial communities in Eastern Amazon rainforest. <i>FEMS Microbiology Ecology</i> , 2019, 95, .	2.7	44
41	Can alternative N-fertilization methods influence GHG emissions and biomass production in sugarcane fields?. <i>Biomass and Bioenergy</i> , 2019, 120, 21-27.	5.7	26
42	Rumen degradability and gas production as influenced by different strains of <i>Bacillus thuringiensis</i> . <i>Canadian Journal of Animal Science</i> , 2019, 99, 951-954.	1.5	0
43	Morphological-metric, ultrastructural and immunohistochemical effects of gossypol on cultured granulosa cells and oocytes of ewes using MOEPF. <i>Animal Reproduction Science</i> , 2019, 201, 22-31.	1.5	2
44	Root and shoot variation in relation to potential intermittent drought adaptation of Mesoamerican wild common bean (<i>Phaseolus vulgaris</i> L.). <i>Annals of Botany</i> , 2019, 124, 917-932.	2.9	49
45	Biofilm formation and antimicrobial sensitivity of lactobacilli contaminants from sugarcane-based fuel ethanol fermentation. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 1631-1644.	1.7	11
46	Influence of resistance breeding in common bean on rhizosphere microbiome composition and function. <i>ISME Journal</i> , 2018, 12, 212-224.	9.8	296
47	Distinct taxonomic and functional composition of soil microbiomes along the gradient forest-restinga-mangrove in southeastern Brazil. <i>Antonie Van Leeuwenhoek</i> , 2018, 111, 101-114.	1.7	33
48	Genetic Variation of Landraces of Common Bean Varying for Seed Coat Glossiness and Disease Resistance: Valuable Resources for Conservation and Breeding. , 2018, , .		0
49	Genome-wide characterization of the NRAMP gene family in <i>Phaseolus vulgaris</i> provides insights into functional implications during common bean development. <i>Genetics and Molecular Biology</i> , 2018, 41, 820-833.	1.3	24
50	Arbuscular Mycorrhizal Symbiosis Leads to Differential Regulation of Drought-Responsive Genes in Tissue-Specific Root Cells of Common Bean. <i>Frontiers in Microbiology</i> , 2018, 9, 1339.	3.5	40
51	Breeding for soil-borne pathogen resistance impacts active rhizosphere microbiome of common bean. <i>ISME Journal</i> , 2018, 12, 3038-3042.	9.8	92
52	New Biological Insights Into How Deforestation in Amazonia Affects Soil Microbial Communities Using Metagenomics and Metagenome-Assembled Genomes. <i>Frontiers in Microbiology</i> , 2018, 9, 1635.	3.5	51
53	Maintenance of N cycling gene communities with crop-livestock integration management in tropical agriculture systems. <i>Agriculture, Ecosystems and Environment</i> , 2018, 267, 52-62.	5.3	12
54	Molecular characterization and antibiotic resistance of <i>Staphylococcus</i> spp. isolated from cheese processing plants. <i>Journal of Dairy Science</i> , 2017, 100, 5167-5175.	3.4	23

#	ARTICLE	IF	CITATIONS
55	Properties of a sandy clay loam Haplic Ferralsol and soybean grain yield in a five-year field trial as affected by biochar amendment. <i>Geoderma</i> , 2017, 305, 100-112.	5.1	43
56	Zinc concentration affects the functional groups of microbial communities in sugarcane-cultivated soil. <i>Agriculture, Ecosystems and Environment</i> , 2017, 236, 187-197.	5.3	19
57	Bioinformatics for Microbiome Research: Concepts, Strategies, and Advances. , 2017, , 111-123.		3
58	Soil microbial community dynamics and assembly under long-term land use change. <i>FEMS Microbiology Ecology</i> , 2017, 93, .	2.7	69
59	Changes in Amino Acid Profile in Roots of Glyphosate Resistant and Susceptible Soybean (<i>Glycine Tj ETQq1 1 0.784314 rgBT /Ove 65, 8823-8828.	5.2	3
60	Amazonian Dark Earth and Its Black Carbon Particles Harbor Different Fungal Abundance and Diversity. <i>Pedosphere</i> , 2017, 27, 832-845.	4.0	8
61	Vinasse fertirrigation alters soil resistome dynamics: an analysis based on metagenomic profiles. <i>BioData Mining</i> , 2017, 10, 17.	4.0	13
62	Investigation of Endophytic Bacterial Community in Supposedly Axenic Cultures of Pineapple and Orchids with Evidence on Abundant Intracellular Bacteria. <i>Current Microbiology</i> , 2017, 74, 103-113.	2.2	30
63	Interface between breast cancer cells and the tumor microenvironment using platelet-rich plasma to promote tumor angiogenesis - influence of platelets and fibrin bundles on the behavior of breast tumor cells. <i>Oncotarget</i> , 2017, 8, 16851-16874.	1.8	26
64	Antibiotic resistance and molecular characterization of <i>Staphylococcus</i> species from mastitic milk. <i>African Journal of Microbiology Research</i> , 2017, 11, 84-91.	0.4	11
65	Fungal Community Structure as an Indicator of Soil Agricultural Management Effects in the Cerrado. <i>Revista Brasileira De Ciencia Do Solo</i> , 2017, 41, .	1.3	4
66	Molecular identification of bamboo genera and species based on RAPD-RFLP markers. <i>Silva Fennica</i> , 2017, 51, .	1.3	14
67	Using Metagenomics to Connect Microbial Community Biodiversity and Functions. , 2017, , .		1
68	Using Metagenomics to Connect Microbial Community Biodiversity and Functions. <i>Current Issues in Molecular Biology</i> , 2017, 24, 103-118.	2.4	47
69	ProspecÃ§Ã£o de enzimas de interesse industrial produzidas por actinobactÃ©ria isolado de solo rizo sÃ©rico da AmazÃ³nia. <i>Scientia Plena</i> , 2017, 13, .	0.2	1
70	5. Exploring Diversity of Soil Microorganisms: A Multidimensional Approach. , 2016, , 66-86.		0
71	Structure of Fungal Communities in Sub-Irrigated Agricultural Soil from Cerrado Floodplains. <i>Diversity</i> , 2016, 8, 13.	1.7	2
72	Oxidative mitigation of aquatic methane emissions in large Amazonian rivers. <i>Global Change Biology</i> , 2016, 22, 1075-1085.	9.5	61

#	ARTICLE	IF	CITATIONS
73	Occurrence of powdery mildew disease in wheat fertilized with increasing silicon doses: a chemometric analysis of antioxidant response. <i>Acta Physiologiae Plantarum</i> , 2016, 38, 1.	2.1	19
74	Disentangling the influence of earthworms in sugarcane rhizosphere. <i>Scientific Reports</i> , 2016, 6, 38923.	3.3	38
75	Next-Generation Sequencing to Elucidate Biochar-Effected Microbial Community Dynamics. , 2016, , 109-132.		2
76	<i>Araucaria angustifolia</i> Aboveground Roots Presented High Arbuscular Mycorrhizal Fungal Colonization and Diversity in the Brazilian Atlantic Forest. <i>Pedosphere</i> , 2016, 26, 561-566.	4.0	14
77	Liming in the sugarcane burnt system and the green harvest practice affect soil bacterial community in northeastern São Paulo, Brazil. <i>Antonie Van Leeuwenhoek</i> , 2016, 109, 1643-1654.	1.7	26
78	A Step Forward to Empower Global Microbiome Research Through Local Leadership. <i>Trends in Microbiology</i> , 2016, 24, 767-771.	7.7	12
79	Metagenome sequencing of the microbial community of two Brazilian anthropogenic Amazon dark earth sites, Brazil. <i>Genomics Data</i> , 2016, 10, 167-168.	1.3	1
80	Expression of essential genes for biosynthesis of antimicrobial peptides of <i>Bacillus</i> is modulated by inactivated cells of target microorganisms. <i>Research in Microbiology</i> , 2016, 167, 83-89.	2.1	22
81	Fungal Community Assembly in the Amazonian Dark Earth. <i>Microbial Ecology</i> , 2016, 71, 962-973.	2.8	35
82	Differential Response of Acidobacteria Subgroups to Forest-to-Pasture Conversion and Their Biogeographic Patterns in the Western Brazilian Amazon. <i>Frontiers in Microbiology</i> , 2015, 6, 1443.	3.5	111
83	Multi-Analytical Approach Reveals Potential Microbial Indicators in Soil for Sugarcane Model Systems. <i>PLoS ONE</i> , 2015, 10, e0129765.	2.5	52
84	Soil microbiome responses to the short-term effects of Amazonian deforestation. <i>Molecular Ecology</i> , 2015, 24, 2433-2448.	3.9	171
85	Methanogenic food web in the gut contents of methane-emitting earthworm <i>Eudrilus eugeniae</i> from Brazil. <i>ISME Journal</i> , 2015, 9, 1778-1792.	9.8	34
86	Soil-Borne Microbiome: Linking Diversity to Function. <i>Microbial Ecology</i> , 2015, 70, 255-265.	2.8	227
87	Land-use system shapes soil bacterial communities in Southeastern Amazon region. <i>Applied Soil Ecology</i> , 2015, 95, 151-160.	4.3	114
88	The influence of nickel on the bioremediation of multi-component contaminated tropical soil: microcosm and batch bioreactor studies. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 1127-1135.	3.6	2
89	Verrucomicrobial community structure and abundance as indicators for changes in chemical factors linked to soil fertility. <i>Antonie Van Leeuwenhoek</i> , 2015, 108, 741-752.	1.7	77
90	Land use, soil and litter chemistry drive bacterial community structures in samples of the rainforest and Cerrado (Brazilian Savannah) biomes in Southern Amazonia. <i>European Journal of Soil Biology</i> , 2015, 66, 32-39.	3.2	63

#	ARTICLE	IF	CITATIONS
91	Amazonian Dark Earth and Plant Species from the Amazon Region Contribute to Shape Rhizosphere Bacterial Communities. <i>Microbial Ecology</i> , 2015, 69, 855-866.	2.8	41
92	Assessment of Bacterial bph Gene in Amazonian Dark Earth and Their Adjacent Soils. <i>PLoS ONE</i> , 2014, 9, e99597.	2.5	21
93	Relationship between cyanogenesis and latex stability on tapping panel dryness in rubber trunk girth. <i>Journal of Plant Interactions</i> , 2014, 9, 418-424.	2.1	3
94	Capacity of Aromatic Compound Degradation by Bacteria from Amazon Dark Earth. <i>Diversity</i> , 2014, 6, 339-353.	1.7	20
95	Soil bacterial diversity in degraded and restored lands of Northeast Brazil. <i>Antonie Van Leeuwenhoek</i> , 2014, 106, 891-899.	1.7	39
96	Variations of Bacterial Community Structure and Composition in Mangrove Sediment at Different Depths in Southeastern Brazil. <i>Diversity</i> , 2014, 6, 827-843.	1.7	59
97	Development of microsatellite primers for <i>Senna multijuga</i> (Fabaceae): a pioneer species from the Brazilian Atlantic forest. <i>Conservation Genetics Resources</i> , 2014, 6, 569.	0.8	1
98	Brazilian Microbiome Project: Revealing the Unexplored Microbial Diversity—Challenges and Prospects. <i>Microbial Ecology</i> , 2014, 67, 237-241.	2.8	119
99	Taxonomical and functional microbial community selection in soybean rhizosphere. <i>ISME Journal</i> , 2014, 8, 1577-1587.	9.8	633
100	Concentration, characterization and application of lipases from <i>Sporidiobolus pararoseus</i> strain. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 294-301.	2.0	16
101	Acidobacterial community responses to agricultural management of soybean in Amazon forest soils. <i>FEMS Microbiology Ecology</i> , 2013, 83, 607-621.	2.7	228
102	Assessment of the Effect of Silicon on Antioxidant Enzymes in Cotton Plants by Multivariate Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 11243-11249.	5.2	18
103	Influence of pH and temperature on the expression of <i>sboA</i> and <i>ituD</i> genes in <i>Bacillus</i> sp. P11. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 149-154.	1.7	6
104	Soil microbial properties and temporal stability in degraded and restored lands of Northeast Brazil. <i>Soil Biology and Biochemistry</i> , 2013, 66, 175-181.	8.8	102
105	Emission of nitrous oxide and dinitrogen by diverse earthworm families from Brazil and resolution of associated denitrifying and nitrate-dissimilating taxa. <i>FEMS Microbiology Ecology</i> , 2013, 83, 375-391.	2.7	45
106	Bacterial community composition of anthropogenic biochar and Amazonian anthrosols assessed by 16S rRNA gene 454 pyrosequencing. <i>Antonie Van Leeuwenhoek</i> , 2013, 104, 233-242.	1.7	61
107	Transcriptional Analysis of Drought-Induced Genes in the Roots of a Tolerant Genotype of the Common Bean (<i>Phaseolus vulgaris</i> L.). <i>International Journal of Molecular Sciences</i> , 2013, 14, 7155-7179.	4.1	45
108	Conversion of the Amazon rainforest to agriculture results in biotic homogenization of soil bacterial communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 988-993.	7.1	481

#	ARTICLE	IF	CITATIONS
109	Microsatellite markers for <i>Plathymenia reticulata</i> (Leguminosae). <i>American Journal of Botany</i> , 2012, 99, e391-3.	1.7	1
110	Emission of Methane by <i>Eudrilus eugeniae</i> and Other Earthworms from Brazil. <i>Applied and Environmental Microbiology</i> , 2012, 78, 3014-3019.	3.1	28
111	Impact of Land Degradation on Soil Microbial Biomass and Activity in Northeast Brazil. <i>Pedosphere</i> , 2012, 22, 88-95.	4.0	53
112	Changes in spatial and temporal gene expression during incompatible interaction between common bean and anthracnose pathogen. <i>Journal of Plant Physiology</i> , 2012, 169, 1216-1220.	3.5	26
113	Thermal behavior of malonylglucoside isoflavones in soybean flour analyzed by RPHPLC/DAD and electrospray ionization mass spectrometry. <i>LWT - Food Science and Technology</i> , 2012, 48, 114-119.	5.2	27
114	Gases and volatile compounds associated with micro-organisms in blown pack spoilage of Brazilian vacuum-packed beef. <i>Letters in Applied Microbiology</i> , 2012, 55, 467-475.	2.2	58
115	Shifts in phylogenetic diversity of archaeal communities in mangrove sediments at different sites and depths in southeastern Brazil. <i>Research in Microbiology</i> , 2012, 163, 366-377.	2.1	35
116	Functional diversity of bacterial genes associated with aromatic hydrocarbon degradation in anthropogenic dark earth of Amazonia. <i>Pesquisa Agropecuaria Brasileira</i> , 2012, 47, 654-664.	0.9	21
117	Dissecting <i>Phaseolus vulgaris</i> Innate Immune System against <i>Colletotrichum lindemuthianum</i> Infection. <i>PLoS ONE</i> , 2012, 7, e43161.	2.5	36
118	'Synthetic lipase' production from a newly isolated <i>Sporidiobolus pararoseus</i> strain by submerged fermentation. <i>Brazilian Journal of Microbiology</i> , 2012, 43, 1490-1498.	2.0	12
119	In vitro evaluation, in vivo quantification, and microbial diversity studies of nutritional strategies for reducing enteric methane production. <i>Tropical Animal Health and Production</i> , 2012, 44, 953-964.	1.4	45
120	Preliminary Characterization of Novel Extra-cellular Lipase from <i>Penicillium crustosum</i> Under Solid-State Fermentation and its Potential Application for Triglycerides Hydrolysis. <i>Food and Bioprocess Technology</i> , 2012, 5, 1592-1600.	4.7	12
121	Validation of reference genes for RT-qPCR normalization in common bean during biotic and abiotic stresses. <i>Plant Cell Reports</i> , 2012, 31, 827-838.	5.6	183
122	Long-term application of biomass and reduced use of chemicals alleviate soil compaction and improve soil quality. <i>Soil and Tillage Research</i> , 2012, 120, 147-153.	5.6	14
123	Physiological effects of glyphosate over amino acid profile in conventional and transgenic soybean (<i>Glycine max</i>). <i>Pesticide Biochemistry and Physiology</i> , 2012, 102, 134-141.	3.6	15
124	Land-use systems affect Archaeal community structure and functional diversity in western Amazon soils. <i>Revista Brasileira De Ciencia Do Solo</i> , 2011, 35, 1527-1540.	1.3	31
125	Archaeal communities in the sediments of three contrasting mangroves. <i>Journal of Soils and Sediments</i> , 2011, 11, 1466-1476.	3.0	50
126	Characterization of feather-degrading bacteria from Brazilian soils. <i>International Biodeterioration and Biodegradation</i> , 2011, 65, 102-107.	3.9	27

#	ARTICLE	IF	CITATIONS
127	Estado nutricional e teor de glicosídeos cianogênicos em plantas de seringueira. <i>Bragantia</i> , 2011, 70, 402-408.	1.3	1
128	A Molecular Survey of the Diversity of Microbial Communities in Different Amazonian Agricultural Model Systems. <i>Diversity</i> , 2010, 2, 787-809.	1.7	64
129	The Influence of Different Land Uses on the Structure of Archaeal Communities in Amazonian Anthrosols Based on 16S rRNA and amoA Genes. <i>Microbial Ecology</i> , 2010, 59, 734-743.	2.8	61
130	Amazonian Anthrosols Support Similar Microbial Communities that Differ Distinctly from Those Extant in Adjacent, Unmodified Soils of the Same Mineralogy. <i>Microbial Ecology</i> , 2010, 60, 192-205.	2.8	186
131	Diversity and identification of methanogenic archaea and sulphate-reducing bacteria in sediments from a pristine tropical mangrove. <i>Antonie Van Leeuwenhoek</i> , 2010, 97, 401-411.	1.7	80
132	Intrapopulational genetic diversity of <i>Araucaria angustifolia</i> (Bertol.) Kuntze is different when assessed on the basis of chloroplast or nuclear markers. <i>Plant Systematics and Evolution</i> , 2010, 284, 111-122.	0.9	16
133	Extension of the core map of common bean with EST-SSR, RGA, AFLP, and putative functional markers. <i>Molecular Breeding</i> , 2010, 25, 25-45.	2.1	72
134	Endophytic bacteria in long-term in vitro cultivated axenic pineapple microplants revealed by PCR-DGGE. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 555-560.	3.6	77
135	Influence of the bacterioplankton community of a tropical eutrophic lagoon on the bacterial community of its neighbouring ocean. <i>World Journal of Microbiology and Biotechnology</i> , 2010, 26, 1865-1873.	3.6	2
136	Evidences of siderophores synthesis by Grapevine <i>Xylella fastidiosa</i> , causal agent of pierce's disease, through instrumental approaches. <i>Journal of the Brazilian Chemical Society</i> , 2010, 21, 635-641.	0.6	3
137	Molecular Characterization of the Archaeal Community in an Amazonian Wetland Soil and Culture-Dependent Isolation of Methanogenic Archaea. <i>Diversity</i> , 2010, 2, 1026-1047.	1.7	28
138	Changes in isoflavone profiles of soybean treated with gamma irradiation. <i>International Journal of Food Sciences and Nutrition</i> , 2009, 60, 387-394.	2.8	8
139	Purification and characterization of an antimicrobial peptide produced by <i>Pseudomonas</i> sp. strain 4B. <i>World Journal of Microbiology and Biotechnology</i> , 2009, 25, 205-213.	3.6	17
140	Identification of Coffee Genes Expressed During Systemic Acquired Resistance and Incompatible Interaction with <i>Hemileia vastatrix</i> . <i>Journal of Phytopathology</i> , 2009, 157, 625-638.	1.0	28
141	Real-time Polymerase Chain Reaction Quantification of <i>Porphyromonas gingivalis</i> and <i>Tannerella forsythia</i> in Primary Endodontic Infections. <i>Journal of Endodontics</i> , 2009, 35, 1518-1524.	3.1	27
142	Arbuscular mycorrhizal fungal communities in native and in replanted <i>Araucaria</i> forest. <i>Scientia Agricola</i> , 2009, 66, 677-684.	1.2	17
143	Effect of a highly concentrated lipopeptide extract of <i>Bacillus subtilis</i> on fungal and bacterial cells. <i>Archives of Microbiology</i> , 2008, 190, 611-622.	2.2	66
144	Mixed-species plantations of <i>Acacia mangium</i> and <i>Eucalyptus grandis</i> in Brazil. <i>Forest Ecology and Management</i> , 2008, 255, 3918-3930.	3.2	127

#	ARTICLE	IF	CITATIONS
145	An alternative method for <i>Staphylococcus aureus</i> DNA isolation. <i>Arquivo Brasileiro De Medicina Veterinaria E Zootecnia</i> , 2008, 60, 299-306.	0.4	19
146	Detection of siderophores in endophytic bacteria <i>Methylobacterium</i> spp. associated with <i>Xylella fastidiosa</i> subsp. <i>pauca</i> . <i>Pesquisa Agropecuaria Brasileira</i> , 2008, 43, 521-528.	0.9	57
147	Characterization of <i>Xanthomonas axonopodis</i> pv. <i>phaseoli</i> isolates. <i>Summa Phytopathologica</i> , 2008, 34, 228-231.	0.1	4
148	Notas sobre <i>Acaulospora bireticulata</i> Rothwell & Trappe e primeiro registro de <i>Acaulospora koskei</i> Blask. para o Brasil. <i>Acta Botanica Brasilica</i> , 2008, 22, 583-587.	0.8	2
149	Development, characterization, and comparative analysis of polymorphism at common bean SSR loci isolated from genic and genomic sources. <i>Genome</i> , 2007, 50, 266-277.	2.0	85
150	Biodiversity and distribution of arbuscular mycorrhizal fungi in <i>Araucaria angustifolia</i> forest. <i>Scientia Agricola</i> , 2007, 64, 393-399.	1.2	32
151	Effect of phytate and storage conditions on the development of the "hard-to-cook" phenomenon in common beans. <i>Journal of the Science of Food and Agriculture</i> , 2007, 87, 1237-1243.	3.5	77
152	Characterization of a broad range antibacterial substance from a new <i>Bacillus</i> species isolated from Amazon basin. <i>Archives of Microbiology</i> , 2007, 188, 367-375.	2.2	56
153	Sporulation and diversity of arbuscular mycorrhizal fungi in Brazil Pine in the field and in the greenhouse. <i>Mycorrhiza</i> , 2007, 17, 519-526.	2.8	26
154	Reduo dos sintomas causados pela <i>Xylella fastidiosa</i> subsp. <i>pauca</i> por meio de aplicao de benzo-tiadiazole e silcio. <i>Pesquisa Agropecuaria Brasileira</i> , 2007, 42, 1083-1089.	0.9	3
155	Identification of citrus expressed sequence tags (ESTs) encoding pleiotropic drug resistance (PDR)-like proteins. <i>Genetics and Molecular Biology</i> , 2007, 30, 857-865.	1.3	2
156	16s-23S rDNA: polymorphisms and their use for detection and identification of <i>Xylella fastidiosa</i> strains. <i>Brazilian Journal of Microbiology</i> , 2007, 38, 159-165.	2.0	3
157	Spore density and root colonization by arbuscular mycorrhizal fungi in preserved or disturbed <i>Araucaria angustifolia</i> (Bert.) O. Ktze. ecosystems. <i>Scientia Agricola</i> , 2006, 63, 380-385.	1.2	36
158	Purification and partial characterization of an antimicrobial peptide produced by <i>Bacillus</i> sp. strain P45, a bacterium from the Amazon basin fish <i>Piaractus mesopotamicus</i> . <i>Journal of General and Applied Microbiology</i> , 2006, 52, 357-363.	0.7	27
159	In situ probing of <i>Xylella fastidiosa</i> in honeydew of a xylem sap-feeding insect using 16S rRNA-targeted fluorescent oligonucleotides. <i>Environmental Microbiology</i> , 2006, 8, 747-754.	3.8	6
160	Detection and characterization of protease secreted by the plant pathogen <i>Xylella fastidiosa</i> . <i>Microbiological Research</i> , 2006, 161, 263-272.	5.3	22
161	Identification of bacteria in endodontic infections by sequence analysis of 16S rDNA clone libraries. <i>Journal of Medical Microbiology</i> , 2006, 55, 101-107.	1.8	72
162	Specific amplification of iron receptor genes in <i>Xylella fastidiosa</i> strains from different hosts. <i>Genetics and Molecular Biology</i> , 2006, 29, 137-141.	1.3	5

#	ARTICLE	IF	CITATIONS
163	Colorimetric test for the monitoring of microcystins in cyanobacterial culture and environmental samples from southeast - Brazil. <i>Brazilian Journal of Microbiology</i> , 2006, 37, 192-198.	2.0	21
164	Growth and siderophore production of <i>Xylella fastidiosa</i> under iron-limited conditions. <i>Microbiological Research</i> , 2005, 160, 429-436.	5.3	37
165	Phylogenetic Relationships of <i>Xylella fastidiosa</i> Strains Based on 16S and 23S rDNA Sequences. <i>Current Microbiology</i> , 2005, 50, 190-195.	2.2	9
166	Utilization of the Etest Assay for Comparative Antibiotic Susceptibility Profiles of Citrus Variegated Chlorosis and Pierce's Disease Strains of <i>Xylella fastidiosa</i> . <i>Current Microbiology</i> , 2005, 51, 262-266.	2.2	3
167	Genetic Characterization of Brazilian Annual <i>Arachis</i> Species from Sections <i>Arachis</i> and <i>Heteranthea</i> using RAPD Markers. <i>Genetic Resources and Crop Evolution</i> , 2005, 52, 1079-1086.	1.6	9
168	Disponibilidade de nutrientes no solo, qualidade de grãos e produtividade da soja em solo adubado com lodo de esgoto. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 919-926.	0.9	16
169	In silico characterization of microsatellites in <i>Eucalyptus</i> spp.: abundance, length variation and transposon associations. <i>Genetics and Molecular Biology</i> , 2005, 28, 582-588.	1.3	20
170	Dynamics of inositol phosphate pools (tris-, tetrakis- and pentakisphosphate) in relation to the rate of phytate synthesis during seed development in common bean (<i>Phaseolus vulgaris</i>). <i>Journal of Plant Physiology</i> , 2005, 162, 1-9.	3.5	20
171	Characterization of nitrogen-fixing cyanobacteria in the Brazilian Amazon floodplain. <i>Water Research</i> , 2005, 39, 5017-5026.	11.3	49
172	Nodulação e fixação simbiótica de nitrogênio em feijoeiro com estirpes nativas de rizóbio, em solo tratado com lodo de esgoto. <i>Pesquisa Agropecuaria Brasileira</i> , 2005, 40, 1047-1050.	0.9	7
173	Alfalfa yield and quality as function of nitrogen fertilization and symbiosis with <i>Sinorhizobium meliloti</i> . <i>Scientia Agricola</i> , 2004, 61, 433-438.	1.2	26
174	Comparative Genomics of Two <i>Leptospira interrogans</i> Serovars Reveals Novel Insights into Physiology and Pathogenesis. <i>Journal of Bacteriology</i> , 2004, 186, 2164-2172.	2.2	406
175	The Genome Sequence of the Gram-Positive Sugarcane Pathogen <i>Leifsonia xyli</i> subsp. <i>xyli</i> . <i>Molecular Plant-Microbe Interactions</i> , 2004, 17, 827-836.	2.6	119
176	In silico analysis of nonribosomal peptide synthetases of <i>Xanthomonas axonopodis</i> pv. <i>citri</i> : identification of putative siderophore and lipopeptide biosynthetic genes. <i>Microbiological Research</i> , 2004, 159, 425-437.	5.3	27
177	Algicide production by the filamentous cyanobacterium <i>Fischerella</i> sp. CENA 19. <i>Journal of Applied Phycology</i> , 2004, 16, 237-243.	2.8	43
178	The induction of differentially expressed proteins of <i>Xylella fastidiosa</i> with citrus extract. <i>Brazilian Journal of Microbiology</i> , 2004, 35, 235-242.	2.0	6
179	Comparative Analyses of the Complete Genome Sequences of Pierce's Disease and Citrus Variegated Chlorosis Strains of <i>Xylella fastidiosa</i> . <i>Journal of Bacteriology</i> , 2003, 185, 1018-1026.	2.2	307
180	Detection and Diversity Assessment of <i>Xylella fastidiosa</i> in Field-Collected Plant and Insect Samples by Using 16S rRNA and <i>gyrB</i> Sequences. <i>Applied and Environmental Microbiology</i> , 2003, 69, 4249-4255.	3.1	74

#	ARTICLE	IF	CITATIONS
181	Disponibilidade hídrica relacionada ao conteúdo de nitrogênio e à produtividade da alfafa (Medicago) Tj ETQq1 1,0,784314 rgBT /Cve	0.8	14
182	Genetic analyses of Rhizoctonia solani isolates from Phaseolus vulgaris grown in the Atlantic Rainforest Region of São Paulo, Brazil. Tropical Plant Pathology, 2002, 27, 259-267.	0.3	18
183	Seed phytate content and phosphorus uptake and distribution in dry bean genotypes. Brazilian Journal of Plant Physiology, 2002, 14, 51-58.	0.5	32
184	Nodulação em cultivares de feijão dos conjuntos gênicos andino e meso-americano. Pesquisa Agropecuária Brasileira, 2002, 37, 1145-1150.	0.9	18
185	Comparison of the genomes of two Xanthomonas pathogens with differing host specificities. Nature, 2002, 417, 459-463.	27.8	1,074
186	Obtenção de híbridos somáticos de limão 'Cravo' e tangerina 'Cleópatra'. Pesquisa Agropecuária Brasileira, 2002, 37, 1735-1741.	0.9	4
187	Telomere and microsatellite primers reveal diversity among Sclerotinia sclerotiorum isolates from Brazil. Tropical Plant Pathology, 2002, 27, 211-215.	0.3	33
188	Caracterização da diversidade genética em feijão por meio de marcadores RAPD. Pesquisa Agropecuária Brasileira, 2001, 36, 381-385.	0.9	19
189	SYBR Green I Used to Evaluate the Nuclei Number of Fungal Mycelia. BioTechniques, 2001, 31, 42-46.	1.8	14
190	Title is missing!. Euphytica, 2001, 118, 265-270.	1.2	43
191	The genome sequence of the plant pathogen Xylella fastidiosa. Nature, 2000, 406, 151-157.	27.8	827
192	Salt-tolerant phenol-degrading microorganisms isolated from Amazonian soil samples. Archives of Microbiology, 2000, 174, 346-352.	2.2	86
193	Effects of Phaseolus vulgaris QTL in controlling host-bacteria interactions under two levels of nitrogen fertilization. Genetics and Molecular Biology, 2000, 23, 155-161.	1.3	25
194	Miniprep DNA isolation from unicellular and filamentous cyanobacteria. Journal of Microbiological Methods, 2000, 39, 159-169.	1.6	74
195	Eficiência simbiótica de estirpes Hup+, Hup hr e Hup- de Bradyrhizobium japonicum e Bradyrhizobium elkanii em cultivares de caupi. Pesquisa Agropecuária Brasileira, 1999, 34, 1925-1931.	0.9	5
196	Interação entre cultivares, estirpes comerciais de Rhizobium meliloti e fungicidas no incremento da produção de alfafa. Pesquisa Agropecuária Brasileira, 1999, 34, 425-431.	0.9	4
197	Towards an integrated linkage map of common bean. 4. Development of a core linkage map and alignment of RFLP maps. Theoretical and Applied Genetics, 1998, 97, 847-856.	3.6	275
198	A comparison of two radiometric methods to investigate the biodegradation of phenol by Candida nitrativorans. Journal of Microbiological Methods, 1997, 29, 177-183.	1.6	4

#	ARTICLE	IF	CITATIONS
199	Flavonoids Released Naturally from Alfalfa Promote Development of Symbiotic <i>Glomus</i> Spores In Vitro. Applied and Environmental Microbiology, 1991, 57, 1485-1488.	3.1	211
200	Microbial Assembly in Agroecosystems “From the Small Arise the Big.” , 0, , .		1
201	Functional Genomics of Biotic and Abiotic Stresses in <i>Phaseolus vulgaris</i> . , 0, , .		6
202	Rhizobial Inoculation and Molybdenum Fertilization in Peanut Crops Grown in a No Tillage System After 20 Years of Pasture. Revista Brasileira De Ciencia Do Solo, 0, 43, .	1.3	12
203	Effects of N Application Rate and Dicyandiamide on the Fate of 15N Fertilizer and the Abundance of Microbial Genes in a Sandy Soil Amended with Sugarcane Litter. Journal of Soil Science and Plant Nutrition, 0, , 1.	3.4	2
204	Draft Genome Sequences of Five Putatively Novel <i>Saccharibacteria</i> Species Assembled from the Human Oral Metagenome. Microbiology Resource Announcements, 0, , .	0.6	0
205	Biogeographic responses and niche occupancy of microbial communities following long-term land-use change. Antonie Van Leeuwenhoek, 0, , .	1.7	0