Marcos AntÃ”nio Soares

List of Publications by Year
in descending order

58 papers	1,200 citations	331670 21 h-index	414414 32 g-index
58 all docs	58 docs citations	58 times ranked	1535 citing authors

#	Article	IF	Citations
1	Disease protection and allelopathic interactions of seed-transmitted endophytic pseudomonads of invasive reed grass (Phragmites australis). Plant and Soil, 2018, 422, 195-208.	3.7	79
2	Diversity of cultivable bacterial endophytes in Paullinia cupana and their potential for plant growth promotion and phytopathogen control. Microbiological Research, 2018, 207, 8-18.	5.3	70
3	Mercury resistance and bioremediation mediated by endophytic fungi. Chemosphere, 2020, 240, 124874.	8.2	69
4	Functional role of an endophytic Bacillus amyloliquefaciens in enhancing growth and disease protection of invasive English ivy (Hedera helix L.). Plant and Soil, 2016, 405, 107-123.	3.7	62
5	Endophytic bacterium,Bacillus amyloliquefaciens, enhances ornamental hosta resistance to diseases and insect pests. Journal of Plant Interactions, 2015, 10, 224-229.	2.1	55
6	Bacterial communities of three plant species from Pb-Zn contaminated sites and plant-growth promotional benefits of endophytic Microbacterium sp. (strain BXGe71). Journal of Hazardous Materials, 2019, 370, 225-231.	12.4	55
7	Endophytic bacteria stimulate mercury phytoremediation by modulating its bioaccumulation and volatilization. Ecotoxicology and Environmental Safety, 2020, 202, 110818.	6.0	55
8	Evaluation of the functional roles of fungal endophytes of Phragmites australis from high saline and low saline habitats. Biological Invasions, 2016, 18, 2689-2702.	2.4	52
9	Bioactive compounds of Aspergillus terreusâ€”F7, an endophytic fungus from Hyptis suaveolens (L.) Poit. World Journal of Microbiology and Biotechnology, 2017, 33, 62.	3.6	47
10	Screening of inducers for laccase production by Lentinula edodes in liquid medium. Brazilian Journal of Microbiology, 2005, 36, 383.	2.0	37
11	Endophytic fungal communities of Polygonum acuminatum and Aeschynomene fluminensis are influenced by soil mercury contamination. PLoS ONE, 2017, 12, e0182017.	2.5	37
12	Functional Role of Bacteria from Invasive Phragmites australis in Promotion of Host Growth. Microbial Ecology, 2016, 72, 407-417.	2.8	35
13	Dark septate endophytic fungi mitigate the effects of salt stress on cowpea plants. Brazilian Journal of Microbiology, 2020, 51, 243-253.	2.0	35
14	Diversity of fungi associated with plants growing in geothermal ecosystems and evaluation of their capacities to enhance thermotolerance of host plants. Journal of Plant Interactions, 2015, 10, 305-314.	2.1	32
15	Diversity of cultivable fungal endophytes in Paullinia cupana (Mart.) Ducke and bioactivity of their secondary metabolites. PLoS ONE, 2018, 13, e0195874.	2.5	32
16	Streptomyces griseocarneus R132 controls phytopathogens and promotes growth of pepper (Capsicum) Tj ETQq0 0 0 rgBT /Overlock 1	3.0	29
17	Electrochemical biosensor for carbofuran pesticide based on esterases from Eupenicillium shearii FREI-39 endophytic fungus. Biosensors and Bioelectronics, 2015, 63, 407-413.	10.1	28
18	Microwave drying and disinfestation of Brazil nut seeds. Food Control, 2016, 70, 119-129.	5.5	27

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19	Cytotoxic prenylated indole alkaloid produced by the endophytic fungus Aspergillus terreus P63. Phytochemistry Letters, 2019, 32, 162-167.	1.2	27
20	18-Des-hydroxy Cytochalasin: an antiparasitic compound of Diaporthe phaseolorum-92C, an endophytic fungus isolated from Combretum lanceolatum Pohl ex Eichler. Parasitology Research, 2017, 116, 1823-1830.	1.6	26
21	Development of new molecular markers for the Colletotrichum genus using RetroCl1 sequences. World Journal of Microbiology and Biotechnology, 2012, 28, 1087-1095.	3.6	23
22	Mercury alters the rhizobacterial community in Brazilian wetlands and it can be bioremediated by the plant-bacteria association. Environmental Science and Pollution Research, 2020, 27, 13550-13564.	5.3	23
23	Evaluation of antileishmanial activity of harzialactone a isolated from the marine-derived fungus Paecilomyces sp. Natural Product Research, 2021, 35, 1644-1647.	1.8	21
24	Multifunctional potential of endophytic and rhizospheric microbial isolates associated with Butia purpurascens roots for promoting plant growth. Antonie Van Leeuwenhoek, 2018, 111, 2157-2174.	1.7	17
25	Synthesis and evaluation of indole derivatives as photosynthesis and plant growth inhibitors. Photochemical and Photobiological Sciences, 2019, 18, 1350-1358.	2.9	17
26	Endophytic bacteria in cacti native to a Brazilian semi-arid region. Plant and Soil, 2015, 389, 25-33.	3.7	16
27	Endophytism and bioactivity of endophytic fungi isolated from Combretum lanceolatum Pohl ex Eichler. Symbiosis, 2017, 71, 211-222.	2.3	16
28	Endophytic bacteria mitigate mercury toxicity to host plants. Symbiosis, 2019, 79, 251-262.	2.3	16
29	Bacillus spp. metabolites are effective in eradicating Aedes aegypti (Diptera: Culicidae) larvae with low toxicity to non-target species. Journal of Invertebrate Pathology, 2021, 179, 107525.	3.2	15
30	PacCl, a pH-responsive transcriptional regulator, is essential in the pathogenicity of Colletotrichum lindemuthianum, a causal agent of anthracnose in bean plants. European Journal of Plant Pathology, 2014, 140, 769-785.	1.7	14
31	Aromatic compounds produced by endophytic fungi isolated from red alga Asparagopsis taxiformis - Falkenbergia stage. Natural Product Research, 2019, 33, 443-446.	1.8	14
32	Larvicidal activity of substituted chalcones against <scp>Aedes aegypti</scp> (Diptera:) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	3.4	14
33	Bacterial communities associated with sugarcane under different agricultural management exhibit a diversity of plant growth-promoting traits and evidence of synergistic effect. Microbiological Research, 2021, 247, 126729.	5.3	14
34	Endophytic fungal extracts: evaluation as photosynthesis and weed growth inhibitors. Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes, 2020, 55, 470-476.	1.5	11
35	Synthesis and larvicidal activity of indole derivatives against Aedes aegypti (Diptera: Culicidae). Journal of Applied Entomology, 2019, 143, 1172-1181.	1.8	10
36	Distribution of mating-type alleles and M13 PCR markers in the black leaf spot fungus Mycosphaerella fijiensis of bananas in Brazil. Genetics and Molecular Research, 2013, 12, 443-452.	0.2	9

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37	Metabolic response induced by endophytic fungi and bacteria in H. marrubioides Epling in vitro microplants. Quimica Nova, 2013, 36, 1014-1020.	0.3	8
38	A biosensor based on microbial lipase immobilized on lamellar zinc hydroxide-decorated gold nanoparticles for carbendazim determination. Analytical Methods, 2019, 11, 5388-5397.	2.7	8
39	Metabolomic Analysis of Combretum lanceolatum Plants Interaction with Diaporthe phaseolorum and Trichoderma spirale Endophytic Fungi through 1 Hâ€NMR. Chemistry and Biodiversity, 2021, 18, e2100350.	2.1	7
40	Aspergillus sp. A31 and Curvularia geniculata P1 mitigate mercury toxicity to Oryza sativa L. Archives of Microbiology, 2021, 203, 5345-5361.	2.2	6
41	<b>â€˜Desiccation tolerance of <i>Rhamnidium elaeocarpum</i> Reissek (Rhamnaceae) seeds. Acta Scientiarum - Agronomy, 2015, 37, 181.	0.6	4
42	Development of a transformation system for Penicillium brevicompactum based on the Fusarium oxysporum nitrate reductase gene. Brazilian Journal of Microbiology, 2005, 36, 184.	2.0	3
43	Effect of Endophytic Fungal Associations on the Chemical Profile of in vitro Vochysia divergens Seedlings. Journal of the Brazilian Chemical Society, 0, , .	0.6	3
44	Draft Genome Sequences of Pseudomonas sp. Strain 382 and Pantoea coffeiphila 342, Endophytic Bacteria Isolated from Brazilian Guarana [Paullinia cupana (Mart.) Ducke]. Genome Announcements, 2018, 6, .	0.8	3
45	Biological control in the germination of seeds from two species native of the Cerrado region. Brazilian Journal of Biology, 2021, 81, 105-113.	0.9	3
46	Potencialidade de produÃ§Ã£o de biodiesel por Ã³leos e gorduras residuais na cidade de Itabira-MG. Revista Ceres, 2010, 57, 721-729.	0.4	2
47	Characterization and comprehensive analysis of the ecological interaction networks of bacterial communities in Paullinia cupana var. sorbilis by 16S rRNA gene metabarcoding. World Journal of Microbiology and Biotechnology, 2019, 35, 182.	3.6	2
48	Optimization of (â€“)-cubebin biotransformation to (â€“)-hinokinin by the marine fungus Absidia coerulea 3A9. Archives of Microbiology, 2021, 203, 4313-4318.	2.2	2
49	Biomass of the macrophyte remedies and detoxifies Cd(II) and Pb(II) in aqueous solution. Environmental Monitoring and Assessment, 2021, 193, 537.	2.7	2
50	Endophytic and rhizospheric bacterial communities are affected differently by the host plant species and environmental contamination. Symbiosis, 2021, 85, 191-206.	2.3	2
51	Farming systems influence the compositional, structural, and functional characteristics of the sugarcane-associated microbiome. Microbiological Research, 2021, 252, 126866.	5.3	2
52	Draft Genome Sequence of the Mercury-Resistant Strain Acinetobacter baumannii I43. Genome Announcements, 2018, 6, .	0.8	1
53	Genotoxic and Chemopreventive Effects of Vochysia divergens Leaves (Pantanal, Brazil). Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-7.	1.2	1
54	Selective activity of diselenides against Aedes aegypti (Diptera: Culicidae) larvae. Revista Da Sociedade Brasileira De Medicina Tropical, 2020, 54, e20200146.	0.9	1

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55	Streptomyces griseocarneus R132 expresses antimicrobial genes and produces metabolites that modulate Galleria mellonella immune system. 3 Biotech, 2021, 11, 396.	2.2	1
56	Atividade antagÃ´nica a microrganismos patogÃªnicos por bactÃ©rias endofÃ¡ticas isoladas de Echinodorus scaber Rataj. Summa Phytopathologica, 2015, 41, 229-232.	0.1	0
57	Development and validation of an HPLC-DAD analytical method to quantify 5-methoxyflavones in methanolic extracts of Vochysia divergens Pohl cultured under stress conditions. Quimica Nova, 0, , .	0.3	0
58	Isolation of 4-chlorocinnamic acid from Streptomyces griseocarneus R132, and its inhibition activity against sweet pepper postharvest anthracnose. Biocontrol Science and Technology, 0, , 1-6.	1.3	0