FÃ¡bio S B Silva

List of Publications by Year
in descending order

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44	765	567144	580701
papers	citations	15 h-index	25 g-index

44	44	44	722
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mycorrhizal technology and phosphorus in the production of primary and secondary metabolites in cebil (Anadenanthera colubrina (Vell.) Brenan) seedlings. Journal of the Science of Food and Agriculture, 2013, 93, 1479-1484.	1.7	64
2	Soil microbial biomass and activity under natural and regenerated forests and conventional sugarcane plantations in Brazil. Geoderma, 2012, 189-190, 257-261.	2.3	56
3	ARBUSCULAR MYCORRHIZAL FUNGI IN REVEGETATED MINED DUNES. Land Degradation and Development, 2013, 24, 147-155.	1.8	55
4	Arbuscular Mycorrhizal Fungi Increase the Phenolic Compounds Concentration in the Bark of the Stem of Libidibia Ferrea in Field Conditions. Open Microbiology Journal, 2017, 11, 283-291.	0.2	40
5	Arbuscular mycorrhizal fungi (AMF) affects biomolecules content in Myracrodruon urundeuva seedlings. Industrial Crops and Products, 2013, 50, 244-247.	2.5	38
6	Soil biochemistry and microbial activity in vineyards under conventional and organic management at Northeast Brazil. Scientia Agricola, 2011, 68, 223-229.	0.6	33
7	Production of secondary metabolites by mycorrhizal plants with medicinal or nutritional potential. Acta Physiologiae Plantarum, 2015, 37, 1.	1.0	32
8	Arbuscular mycorrhizal fungi and vermicompost to maximize the production of foliar biomolecules in Passiflora alata Curtis seedlings. Journal of the Science of Food and Agriculture, 2015, 95, 522-528.	1.7	31
9	Crescimento de mudas de maracujazeiro-doce (Passiflora alata Curtis) associadas a fungos micorrÃzicos arbusculares (Glomeromycota). Acta Botanica Brasilica, 2004, 18, 981-985.	0.8	29
10	The role of arbuscular mycorrhizal fungi and cattle manure in the establishment of Tocoyena selloana Schum. in mined dune areas. European Journal of Soil Biology, 2010, 46, 237-242.	1.4	26
11	Potencial de infectividade de fungos micorrÃzicos arbusculares oriundos de Ãįrea de caatinga nativa e degradada por mineraÃ§Ã£o, no Estado da Bahia, Brasil. Revista Brasileira De Botanica, 2001, 24, 135-143.	0.5	25
12	Optimization of the production of mycorrhizal inoculum on substrate with organic fertilizer. Brazilian Journal of Microbiology, 2014, 45, 1173-1178.	0.8	22
13	Production of biomolecules of interest to the anxiolytic herbal medicine industry in yellow passionfruit leaves (<scp>Passiflora edulis</scp> f. flavicarpa) promoted by mycorrhizal inoculation. Journal of the Science of Food and Agriculture, 2019, 99, 3716-3720.	1.7	20
14	Mycorrhizal symbiosis increase the level of total foliar phenols and tannins in Commiphora leptophloeos (Mart.) J.B. Gillett seedlings. Industrial Crops and Products, 2017, 104, 28-32.	2.5	19
15	Responses of Guava Plants to Inoculation with Arbuscular Mycorrhizal Fungi in Soil Infested with Meloidogyne enterolobii. Plant Pathology Journal, 2013, 29, 242-248.	0.7	16
16	Biotechnical application of arbuscular mycorrhizal fungi used in the production of foliar biomolecules in ironwood seedlings [Libidibia ferrea (Mart. ex Tul.) L.P.Queiroz var. ferrea]. Journal of Medicinal Plants Research, 2014, 8, 814-819.	0.2	15
17	Sporulation of arbuscular mycorrhizal fungi using Tris-CHl buffer in addition to nutrient solutions. Brazilian Journal of Microbiology, 2005, 36, 327.	0.8	14
18	Arbuscular mycorrhizal fungi increase gallic acid production in leaves of field grown Libidibia ferrea (Mart. ex Tul.) L. P. Queiroz. Journal of Medicinal Plants Research, 2014, 8, 1110-1115.	0.2	14

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19	Mycorrhization and phosphorus may be an alternative for increasing the production of metabolites in Myracrodruon urundeuva. Theoretical and Experimental Plant Physiology, 2018, 30, 297-302.	1.1	14
20	Acaulospora longula Spain & N.C. Schenck: A low-cost bioinsumption to optimize phenolics and saponins production in Passiflora alata Curtis. Industrial Crops and Products, 2021, 167, 113498.	2.5	14
21	Is the application of arbuscular mycorrhizal fungi an alternative to increase foliar phenolic compounds in seedlings of Mimosa tenuiflora (Wild.) Poir., Mimosoideae?. Revista Brasileira De Botanica, 2017, 40, 361-365.	0.5	13
22	Mycorrhizal Fungi (AMF) increase the content of biomolecules in leaves of Inga vera Willd. seedlings. Symbiosis, 2015, 65, 117-123.	1.2	12
23	Acaulospora longula Increases the Content of Phenolic Compounds and Antioxidant Activity in Fruits of Libidibia ferrea. Open Microbiology Journal, 2020, 14, 132-139.	0.2	12
24	Use of mycorrhizal seedlings on recovery of mined dunes in northeastern Brazil. Pedobiologia, 2012, 55, 303-309.	0.5	11
25	Uso de fungos micorrÃzicos arbusculares (FMA) na promoÃ§Ã£o do crescimento de mudas de pinheira (Annona squamosa L., Annonaceae). Acta Botanica Brasilica, 2012, 26, 933-937.	0.8	11
26	Foliar bioactive compounds in Amburana cearensis (Allemao) A.C. Smith seedlings: Increase of biosynthesis using mycorrhizal technology. Journal of Medicinal Plants Research, 2015, 9, 712-718.	0.2	11
27	Vermicompost and arbuscular mycorrhizal fungi: An alternative to increase foliar orientin and vitexin-2- O -ramnoside synthesis in Passiflora alata Curtis seedlings. Industrial Crops and Products, 2015, 77, 754-757.	2.5	11
28	Application of Arbuscular Mycorrhizal Fungi during the Acclimatization of Alpinia purpurata to Induce Tolerance to Meloidogyne arenaria. Plant Pathology Journal, 2017, 33, 329-336.	0.7	11
29	Uso de vermicomposto favorece o crescimento de mudas de gravioleira (Annona muricata L. 'Morada') associadas a fungos micorrÃzicos arbusculares. Acta Botanica Brasilica, 2008, 22, 863-869.	0.8	10
30	Use of mycorrhizal fungi releases the application of organic fertilizers to increase the production of leaf vitexin in yellow passion fruit. Journal of the Science of Food and Agriculture, 2020, 100, 1816-1821.	1.7	10
31	Production and infectivity of inoculum of arbuscular mycorrhizal fungi multiplied in a substrate supplemented with Tris-HCl buffer. Brazilian Journal of Microbiology, 2007, 38, 752-755.	0.8	9
32	Arbuscular mycorrhizal symbiosis in the maximization of the concentration of foliar biomolecules in pomegranate (Punica granatum L.) seedlings. Journal of Medicinal Plants Research, 2014, 8, 953-957.	0.2	9
33	Arbuscular mycorrhizal fungi as biotechnology alternative to increase concentrate of secondary metabolites in Zea mays L.. Revista Brasileira De Botanica, 2019, 42, 189-193.	0.5	9
34	A low cost alternative, using mycorrhiza and organic fertilizer, to optimize the production of foliar bioactive compounds in pomegranates. Journal of Applied Microbiology, 2020, 128, 513-517.	1.4	9
35	Fungos micorrÃzicos arbusculares e vermicomposto na aclimataÃ§Ã£o de Alpinia purpurata (Viell.) Schum e Zingiber spectabile Griff. (Zingiberaceae). Acta Botanica Brasilica, 2006, 20, 249-256.	0.8	8
36	O papel da comunidade de fungos micorrÃzicos arbusculares (FMA) autÃ³ctones no desenvolvimento de espÃ©cies vegetais nativas em Ã¡rea de dunas de restinga revegetadas no litoral do Estado da ParaÃba. Revista Brasileira De Botanica, 2009, 32, 663-670.	0.5	7

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37	Glomalin Production and Microbial Activity in Soils Impacted by Gypsum Mining in a Brazilian Semiarid Area. American Journal of Agricultural and Biological Science, 2010, 5, 422-429.	0.9	5
38	Arbuscular mycorrhizal fungi and coconut coir dust application enhance the production of foliar secondary metabolites in <scp>Passiflora cincinnata</scp> Mast. seedlings. JSFA Reports, 2022, 2, 247-254.	0.2	4
39	Arbuscular mycorrhizal fungi inoculation stimulates the production of foliar secondary metabolites in Passiflora setacea DC.. Brazilian Journal of Microbiology, 2022, 53, 1385-1393.	0.8	4
40	Use of plant residues on growth of mycorrhizal seedlings of neem (Azadirachta indica A. Juss.). Journal of the Science of Food and Agriculture, 2012, 92, 654-659.	1.7	3
41	Is AMF inoculation an alternative to maximize the in vitro antibacterial activity of Libidibia ferrea extracts?. Research, Society and Development, 2021, 10, e10010111435.	0.0	3
42	Bark of the Stem of Libidibia Ferrea Associated with Mycorrhizal Fungi: An Alternative to Produce High Levels of Phenolic Acids. Open Microbiology Journal, 2018, 12, 412-418.	0.2	3
43	TECNOLOGIA MICORRÃZICA COMO BIOINSUMO PARA PRODUÃ‡ÃƒO DE COMPOSTOS FENÃ“LICOS DE IMPORTÃ‚NCIA Ã€ INDÃšSTRIA DE FITOMEDICAMENTOS. Research, Society and Development, 2021, 10, e54810212856.	0.0	2
44	Use of arbuscular mycorrhizal fungi and phosphorus for increase in the concentration of compounds with antioxidant activity in Libidibia ferrea. Research, Society and Development, 2021, 10, e13010413827.	0.0	1