JosÃ© Maria Rodrigues da Luz

List of Publications by Year
in descending order

39 papers	810 citations	567144 15 h-index	526166 27 g-index
39 all docs	39 docs citations	39 times ranked	978 citing authors

#	Article	IF	Citations
1	Enrichment of Pleurotus ostreatus mushrooms with selenium in coffee husks. Food Chemistry, 2012, 131, 558-563.	4.2	96
2	Enzymatic extract containing lignin peroxidase immobilized on carbon nanotubes: Potential biocatalyst in dye decolourization. Saudi Journal of Biological Sciences, 2018, 25, 651-659.	1.8	80
3	Soil water retention, physiological characteristics, and growth of maize plants in response to biochar application to soil. Soil and Tillage Research, 2019, 192, 164-173.	2.6	72
4	Degradation of Oxo-Biodegradable Plastic by Pleurotus ostreatus. PLoS ONE, 2013, 8, e69386.	1.1	67
5	Enrichment of mushrooms: An interesting strategy for the acquisition of lithium. Food Chemistry, 2012, 134, 1123-1127.	4.2	60
6	Lignocellulolytic enzyme production of Pleurotus ostreatus growth in agroindustrial wastes. Brazilian Journal of Microbiology, 2012, 43, 1508-1515.	0.8	50
7	Abiotic and Biotic Degradation of Oxo-Biodegradable Plastic Bags by Pleurotus ostreatus. PLoS ONE, 2014, 9, e107438.	1.1	37
8	Lignocellulolytic enzyme production of Pleurotus ostreatus growth in agroindustrial wastes. Brazilian Journal of Microbiology, 2012, 43, 1508-15.	0.8	29
9	Selenium Bioaccumulation in Shiitake Mushrooms: A Nutritional Alternative Source of this Element. Journal of Food Science, 2012, 77, C983-6.	1.5	27
10	Degradation of Green Polyethylene by Pleurotus ostreatus. PLoS ONE, 2015, 10, e0126047.	1.1	27
11	Production of edible mushroom and degradation of antinutritional factors in jatropha biodiesel residues. LWT - Food Science and Technology, 2013, 50, 575-580.	2.5	25
12	Microbial fermentation affects sensorial, chemical, and microbial profile of coffee under carbonic maceration. Food Chemistry, 2021, 342, 128296.	4.2	23
13	Nitrogen Supplementation on the Productivity and the Chemical Composition of Oyster Mushroom. Journal of Food Research, 2012, 1, .	0.1	18
14	The establishment of a secondary forest in a degraded pasture to improve hydraulic properties of the soil. Soil and Tillage Research, 2020, 198, 104538.	2.6	18
15	Mycelial Growth of <i>Pleurotus</i> Spp in Se-Enriched Culture Media. Advances in Microbiology, 2013, 03, 11-18.	0.3	17
16	Production of bioactive compounds by the mycelial growth of Pleurotus djamor in whey powder enriched with selenium. LWT - Food Science and Technology, 2019, 114, 108376.	2.5	16
17	Chemical and sensory discrimination of coffee: impacts of the planting altitude and fermentation. European Food Research and Technology, 2022, 248, 659-669.	1.6	15
18	ColonizaÃ§Ã£o micorrÃzica em plantios de eucalipto. Revista Arvore, 2011, 35, 965-974.	0.5	14

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19	High-yield cellulase and LiP production after SSF of agricultural wastes by Pleurotus ostreatus using different surfactants. Biocatalysis and Agricultural Biotechnology, 2019, 22, 101428.	1.5	14
20	Bacterial cellulase from the intestinal tract of the sugarcane borer. International Journal of Biological Macromolecules, 2020, 161, 441-448.	3.6	14
21	Processing techniques and microbial fermentation on microbial profile and chemical and sensory quality of the coffee beverage. European Food Research and Technology, 2022, 248, 1499-1512.	1.6	13
22	Lithium chloride affects mycelial growth of white rot fungi: Fungal screening for Li-enrichment. African Journal of Microbiology Research, 2014, 8, 2111-2123.	0.4	10
23	Bio-detoxification of Jatropha curcas seed cake by Pleurotus ostreatus. African Journal of Microbiology Research, 2014, 8, 1148-1156.	0.4	9
24	Fertigation with domestic wastewater: Uses and implications. African Journal of Biotechnology, 2016, 15, 806-815.	0.3	9
25	The Effect of Jatropha Curcas Seed Meal on Growth Performance and Internal Organs Development and Lesions in Broiler Chickens. Brazilian Journal of Poultry Science, 2015, 17, 1-6.	0.3	8
26	Effects of lithium compounds on the growth of white-rot fungi. African Journal of Microbiology Research, 2015, 9, 1954-1959.	0.4	7
27	Production of Selenium-Enriched Mushrooms in Coffee Husks and Use of This Colonized Residue. , 2015, , 301-309.		6
28	Dilute acid pretreatment for enhancing the enzymatic saccharification of agroresidues using a Botrytis ricini endoglucanase. Biotechnology and Applied Biochemistry, 2023, 70, 184-192.	1.4	6
29	Plastics Polymers Degradation by Fungi. , 2020, , .		5
30	Biofertigation of Forage With Effluents of Green Line of a Cattle Slaughterhouse: Microbial Diversity and Leaf Dry Mass Productivity. Journal of Agricultural Science, 2018, 10, 353.	0.1	4
31	Growth and Tolerance of Pleurotus ostreatus at Different Selenium Forms. Journal of Agricultural Science, 2019, 11, 151.	0.1	4
32	Jatropha seed cake supplementation for improved fungal growth and later use as animal feed. African Journal of Microbiology Research, 2014, 8, 3457-3462.	0.4	3
33	Bio-Detoxification of Jatropha Seed Cake and Its Use in Animal Feed. , 2012, , .		2
34	Mycorrhizal inoculation and phosphorus fertilization show contrasts on native species of the Brazilian Atlantic Forest and Cerrado. Revista Brasileira De Ciencia Do Solo, 2021, 45, .	0.5	2
35	Regulation of Respiratory and Ligninolytic Enzyme Activity of <i>Lentinula edodes</i> by Selenium. Advances in Microbiology, 2013, 03, 31-36.	0.3	2
36	Terraced Pasture Changes the Soil Moisture Dynamics. Journal of Agricultural Science, 2019, 11, 96.	0.1	1

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37	Biofertigation of Forage With Effluents From a Cattle Slaughterhouse Green Line: Impacts on Physical-Chemical Indicators of Soil Quality and on Production Biomass. Journal of Agricultural Science, 2018, 10, 359.	0.1	0
38	OPTIMIZATION OF HYDROTHERMAL PRETREATMENT FOR ENZYMATIC HYDROLYSIS OF BANANA PSEUDO STEM USING RESPONSE SURFACE METHODOLOGY. Fungal Territory, 2019, 2, 32-38.	0.2	0
39	ESTUDO SOBRE OS IMPACTOS AMBIENTAIS NO SOLO DO CERRADO PROVOCADOS PELA INSERÃ‡ÃƒO DA CULTURA DA SOJA. Singular Engenharia, Tecnologia E GestÃ£o, 2021, 1, 17-23.	0.0	0