NatÃ¡lia Alvarenga da Silva

List of Publications by Year
in descending order

17 papers	396 citations	1163117 8 h-index	996975 15 g-index
17 all docs	17 docs citations	17 times ranked	474 citing authors

#	Article	IF	Citations
1	Biodegradation of anthracene and several PAHs by the marine-derived fungus Cladosporium sp. CBMAI 1237. Marine Pollution Bulletin, 2018, 129, 525-533.	5.0	80
2	Biodegradation of methyl parathion by whole cells of marine-derived fungi Aspergillus sydowii and Penicillium decaturense. Chemosphere, 2014, 117, 47-52.	8.2	79
3	Enantioselective biodegradation of the pyrethroid (Â±)-lambda-cyhalothrin by marine-derived fungi. Chemosphere, 2018, 197, 651-660.	8.2	52
4	Biodegradation of the Pyrethroid Pesticide Esfenvalerate by Marine-Derived Fungi. Marine Biotechnology, 2016, 18, 511-520.	2.4	45
5	Biocatalysis and biotransformation in Brazil: An overview. Biotechnology Advances, 2015, 33, 481-510.	11.7	34
6	Biotransformation of methyl parathion by marine-derived fungi isolated from ascidian Didemnum ligulum. Biocatalysis and Agricultural Biotechnology, 2016, 7, 24-30.	3.1	18
7	Biodegradation of the Organophosphate Pesticide Profenofos by Marine Fungi. , 0, , .		16
8	Biotransformation and biodegradation of methyl parathion by Brazilian bacterial strains isolated from mangrove peat. Biocatalysis and Agricultural Biotechnology, 2018, 13, 319-326.	3.1	15
9	Stereoselective reduction of 2-azido-1-phenylethanone derivatives by whole cells of marine-derived fungi applied to synthesis of enantioenriched Î²-hydroxy-1,2,3-triazoles. Biocatalysis and Biotransformation, 2017, 35, 388-396.	2.0	10
10	Growth Assessment of Marine-Derived Fungi in the Presence of Esfenvalerate and its Main Metabolites. Journal of Microbial & Biochemical Technology, 2014, 06, .	0.2	9
11	Biodegradation of Chlorpyrifos by Whole Cells of Marine-Derived Fungi Aspergillus sydowii and Trichoderma sp. Journal of Microbial & Biochemical Technology, 2015, 07, .	0.2	9
12	Clean Enzymatic Oxidation of 12Î±â€Hydroxysteroids to 12â€Oxoâ€Derivatives Catalyzed by Hydroxysteroid Dehydrogenase. Advanced Synthesis and Catalysis, 2019, 361, 2448-2455.	4.3	8
13	Exploring the abundance of oleate hydratases in the genus Rhodococcusâ€”discovery of novel enzymes with complementary substrate scope. Applied Microbiology and Biotechnology, 2020, 104, 5801-5812.	3.6	8
14	Enantioselective separation of (Â±)â€Î²â€hydroxyâ€1,2,3â€triazoles by supercritical fluid chromatography and highâ€performance liquid chromatography. Chirality, 2018, 30, 890-899.	2.6	6
15	Reâ€Investigation of Hydration Potential of Rhodococcus Wholeâ€Cell Biocatalysts towards Michael Acceptors. ChemCatChem, 2020, 12, 193-198.	3.7	4
16	Biodegradation of Organophosphate and Pyrethroid Pesticides by Microorganims. Environmental Chemistry for A Sustainable World, 2015, , 85-121.	0.5	2
17	Untargeted Metabolomics of Halophytes. , 2016, , 329-346.		1