Albino A Dias

List of Publications by Year
in descending order

41 papers	1,497 citations	20 h-index	38 g-index
42 all docs	42 docs citations	42 times ranked	1984 citing authors

361413
315739

#	Article	IF	Citations
1	Solid-State Fermentation of Chestnut Shells and Effect of Explanatory Variables in Predictive Saccharification Models. International Journal of Environmental Research and Public Health, 2022, 19, 2572.	2.6	0
2	Kinetic Analysis Misinterpretations Due to the Occurrence of Enzyme Inhibition by Reaction Product: Comparison between Initial Velocities and Reaction Time Course Methodologies. Applied Sciences (Switzerland), 2022, 12, 102.	2.5	1
3	Removal pattern of vinasse phenolics by Phlebia rufa, characterization of an induced laccase and inhibition kinetics modeling. Biodegradation, 2021, 32, 287-298.	3.0	3
4	Fungal biodegradation and multi-level toxicity assessment of vinasse from distillation of winemaking by-products. Chemosphere, 2020, 238, 124572.	8.2	16
5	Phenolic and non-phenolic substrates oxidation by laccase at variable oxygen concentrations: Selection of bisubstrate kinetic models from polarographic data. Biochemical Engineering Journal, 2020, 153, 107423.	3.6	11
6	A Kinetic Process to Determine the Interaction Type Between Two Compounds, One of Which Is a Reaction Product, Using Alkaline Phosphatase Inhibition as a Case Study. Applied Biochemistry and Biotechnology, 2020, 191, 657-665.	2.9	1
7	Pretreatment of Grape Stalks by Fungi: Effect on Bioactive Compounds, Fiber Composition, Saccharification Kinetics and Monosaccharides Ratio. International Journal of Environmental Research and Public Health, 2020, 17, 5900.	2.6	17
8	Hazardous impact of vinasse from distilled winemaking by-products in terrestrial plants and aquatic organisms. Ecotoxicology and Environmental Safety, 2019, 183, 109493.	6.0	24
9	Discrimination between rival laccase inhibition models from data sets with one inhibitor concentration using a penalized likelihood analysis and Akaike weights. Biocatalysis and Biotransformation, 2018, 36, 401-407.	2.0	5
10	Mediterranean forested wetlands are yeast hotspots for bioremediation: a case study using azo dyes. Scientific Reports, 2018, 8, 15943.	3.3	8
11	Selection, engineering, and expression of microbial enzymes. , 2018, , 1-29.		2
12	An Easy Method for Screening and Detection of Laccase Activity. Open Biotechnology Journal, 2017, 11, 89-93.	1.2	9
13	Enzyme inhibition studies by integrated Michaelisâ€"Menten equation considering simultaneous presence of two inhibitors when one of them is a reaction product. Computer Methods and Programs in Biomedicine, 2016, 125, 2-7.	4.7	10
14	Leguminous Cover Crops Improve the Profitability and the Sustainability of Rainfed Olive (Olea) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22 Environmental Sciences, 2015, 29, 282-283.	1.4	14
15	Winery wastewater treatment by combination of Cryptococcus laurentii and Fentonâ€™s reagent. Chemosphere, 2014, 117, 53-58.	8.2	37
16	Diagnosis of Enzyme Inhibition Using Excel Solver: A Combined Dry and Wet Laboratory Exercise. Journal of Chemical Education, 2014, 91, 1017-1021.	2.3	27
17	Influence of culture medium growth variables on Ganoderma lucidum exopolysaccharides structural features. Carbohydrate Polymers, 2014, 111, 936-946.	10.2	33
18	Endopolysaccharides from Ganoderma resinaceum, Phlebia rufa, and Trametes versicolor Affect Differently the Proliferation Rate of HepG2 Cells. Applied Biochemistry and Biotechnology, 2013, 169, 1919-1926.	2.9	8

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19	Utilization of integrated Michaelisâ€“Menten equations for enzyme inhibition diagnosis and determination of kinetic constants using Solver supplement of Microsoft Office Excel. Computer Methods and Programs in Biomedicine, 2013, 109, 26-31.	4.7	28
20	Effects of the dietary incorporation of untreated and white-rot fungi (Ganoderma resinaceum Boud) pre-treated olive leaves on growing rabbits. Animal Feed Science and Technology, 2012, 173, 244-251.	2.2	11
21	Biodegradation of olive mill wastewaters by a wild isolate of Candida oleophila. International Biodeterioration and Biodegradation, 2012, 68, 45-50.	3.9	29
22	Influence of ligninolytic enzymes on straw saccharification during fungal pretreatment. Bioresource Technology, 2012, 111, 261-267.	9.6	75
23	The potential of whiteâ€rot fungi to degrade phorbol esters of <i>Jatropha curcas</i> L. seed cake. Engineering in Life Sciences, 2011, 11, 107-110.	3.6	30
24	Cellulose Hydrolysis by Cellobiohydrolase Cel7A Shows Mixed Hyperbolic Product Inhibition. Applied Biochemistry and Biotechnology, 2011, 165, 178-189.	2.9	28
25	Enzymatic saccharification of biologically pre-treated wheat straw with white-rot fungi. Bioresource Technology, 2010, 101, 6045-6050.	9.6	143
26	Decolorization of Azo Dyes by Yeasts. Handbook of Environmental Chemistry, 2010, , 183-193.	0.4	12
27	Could basidiomycetes fungi be an alternative for the treatment of fibrous feedstuffs? application of enzymatic complexes and future prospects. Revista Brasileira De Zootecnia, 2010, 39, 519-527.	0.8	0
28	Modification of wheat straw lignin by solid state fermentation with white-rot fungi. Bioresource Technology, 2009, 100, 4829-4835.	9.6	148
29	Gallic acid photochemical oxidation as a model compound of winery wastewaters. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 1288-1295.	1.7	20
30	Effect of enzyme extracts isolated from white-rot fungi on chemical composition and in vitro digestibility of wheat straw. Animal Feed Science and Technology, 2008, 141, 326-338.	2.2	95
31	Degradation of a textile reactive Azo dye by a combined chemicalâ€“biological process: Fenton's reagent-yeast. Water Research, 2007, 41, 1103-1109.	11.3	166
32	Utilization of integrated Michaelis-Menten equation to determine kinetic constants. Biochemistry and Molecular Biology Education, 2007, 35, 145-150.	1.2	24
33	Screening of fungal isolates and properties of Ganoderma applanatum intended for olive mill wastewater decolourization and dephenolization. Letters in Applied Microbiology, 2007, 45, 270-275.	2.2	33
34	Environmental Applications of Fungal and Plant Systems: Decolourisation of Textile Wastewater and Related Dyestuffs. , 2007, , 445-463.		16
35	Biodegradation of the diazo dye Reactive Black 5 by a wild isolate of Candida oleophila. Enzyme and Microbial Technology, 2006, 39, 51-55.	3.2	97
36	Simultaneous Ethanol and Cellobiose Inhibition of Cellulose Hydrolysis Studied With Integrated Equations Assuming Constant or Variable Substrate Concentration. Applied Biochemistry and Biotechnology, 2006, 134, 27-38.	2.9	20

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37	Simultaneous ethanol and cellobiose inhibition of cellulose hydrolysis studied with integrated equations assuming constant or variable substrate concentration. Applied Biochemistry and Biotechnology, 2006, 134, 27-38.	2.9	3
38	Enzymatic kinetic of cellulose hydrolysis. Applied Biochemistry and Biotechnology, 2005, 126, 49-59.	2.9	84
39	Discrimination Among Eight Modified Michaelis-Menten Kinetics Models of Cellulose Hydrolysis With a Large Range of Substrate/Enzyme Ratios: Inhibition by Cellobiose. Applied Biochemistry and Biotechnology, 2004, 112, 173-184.	2.9	79
40	Activity and elution profile of laccase during biological decolorization and dephenolization of olive mill wastewater. Bioresource Technology, 2004, 92, 7-13.	9.6	80
41	In vivo and laccase-catalysed decolourization of xenobiotic azo dyes by a basidiomycetous fungus: characterization of its ligninolytic system. World Journal of Microbiology and Biotechnology, 2003, 19, 969-975.	3.6	48