Bruno S Ferreira

List of Publications by Year
in descending order

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34 papers	1,397 citations	361413 20 h-index	395702 33 g-index
36 all docs	36 docs citations	36 times ranked	1964 citing authors

#	Article	IF	Citations
1	An integrated yeastâ€based process for cis,cisâ€muconic acid production. Biotechnology and Bioengineering, 2022, 119, 376-387.	3.3	9
2	Characterization of Polyhydroxyalkanoates Produced at Pilot Scale From Different Organic Wastes. Frontiers in Bioengineering and Biotechnology, 2021, 9, 628719.	4.1	31
3	Waste-derived volatile fatty acids as carbon source for added-value fermentation approaches. FEMS Microbiology Letters, 2021, 368, .	1.8	8
4	Bioremediation of Petroleum Hydrocarbons in Seawater: Prospects of Using Lyophilized Native Hydrocarbon-Degrading Bacteria. Microorganisms, 2021, 9, 2285.	3.6	10
5	Production of moth sex pheromones for pest control by yeast fermentation. Metabolic Engineering, 2020, 62, 312-321.	7.0	39
6	Polychlorinated Biphenyl Profile in Polyhydroxy-alkanoates Synthetized from Urban Organic Wastes. Polymers, 2020, 12, 659.	4.5	8
7	Elemental concentration and migratability in bioplastics derived from organic waste. Chemosphere, 2020, 259, 127472.	8.2	20
8	Improvement of cis,cis-Muconic Acid Production in Saccharomyces cerevisiae through Biosensor-Aided Genome Engineering. ACS Synthetic Biology, 2020, 9, 634-646.	3.8	50
9	A metabolic reconstruction of Lactobacillus reuteri JCM 1112 and analysis of its potential as a cell factory. Microbial Cell Factories, 2019, 18, 186.	4.0	24
10	Purification of Polymer-Grade Fumaric Acid from Fermented Spent Sulfite Liquor. Fermentation, 2017, 3, 13.	3.0	13
11	Upgrading wheat straw to HOMO and co-polyhydroxyalkanoates. , 2015, , .		0
12	Biowaste biorefinery in Europe: opportunities and research & development needs. New Biotechnology, 2015, 32, 100-108.	4.4	162
13	Production of poly(3-hydroxybutyrate-co-4-hydroxybutyrate) by Burkholderia sacchari using wheat straw hydrolysates and gamma-butyrolactone. International Journal of Biological Macromolecules, 2014, 71, 59-67.	7.5	57
14	Enhanced bioproduction of poly-3-hydroxybutyrate from wheat straw lignocellulosic hydrolysates. New Biotechnology, 2014, 31, 104-113.	4.4	179
15	Supercritical antisolvent micronisation of synthetic allâ€transâ€Î²â€carotene with tetrahydrofuran as solvent and carbon dioxide as antisolvent. Journal of Chemical Technology and Biotechnology, 2009, 84, 215-222.	3.2	19
16	Stability evaluation of an immobilized enzyme system for inulin hydrolysis. Food Chemistry, 2007, 101, 260-266.	8.2	28
17	Kinetics of soluble and immobilized horseradish peroxidase-mediated oxidation of phenolic compounds. Biochemical Engineering Journal, 2007, 35, 126-135.	3.6	30
18	Thermal denaturation of HRPA2: pH-dependent conformational changes. Enzyme and Microbial Technology, 2007, 40, 696-703.	3.2	12

#	Article	IF	Citations
19	Design and characterisation of an enzyme system for inulin hydrolysis. Food Chemistry, 2006, 95, 77-82.	8.2	82
20	Towards the development of a membrane reactor for enzymatic inulin hydrolysis. Journal of Membrane Science, 2006, 273, 152-158.	8.2	38
21	Kinetic Analysis of the ex vivo Expansion of Human Hematopoietic Stem/Progenitor Cells. Biotechnology Letters, 2006, 28, 335-340.	2.2	8
22	Production of low methoxyl pectin using immobilized pectinmethylesterase silica from acerola (Malpighia glabra L.). Journal of Chemical Technology and Biotechnology, 2006, 81, 706-709.	3.2	1
23	Immobilization of inulinase for sucrose hydrolysis. Food Chemistry, 2005, 91, 517-520.	8.2	49
24	Screening of supports for the immobilization of pectinmethylesterase from acerola(Malpighia glabra) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.2	9
25	Mycobacterium sp.,Rhodococcus erythropolis, andPseudomonas putida behavior in the presence of organic solvents. Microscopy Research and Technique, 2004, 64, 215-222.	2.2	55
26	Gelatin-immobilized pectinmethylesterase for production of low methoxyl pectin. Food Chemistry, 2004, 86, 333-337.	8.2	22
27	Integration of the production and the purification processes of cutinase secreted by a recombinant Saccharomyces cerevisiae SU50 strain. Journal of Biotechnology, 2004, 109, 147-158.	3.8	29
28	Recombinant Saccharomyces cerevisiae strain triggers acetate production to fuel biosynthetic pathways. Journal of Biotechnology, 2004, 109, 159-167.	3.8	15
29	Towards a cost effective strategy for cutinase production by a recombinant Saccharomyces cerevisiae: strain physiological aspects. Applied Microbiology and Biotechnology, 2003, 61, 69-76.	3.6	28
30	Hematopoietic stem cells: from the bone to the bioreactor. Trends in Biotechnology, 2003, 21, 233-240.	9.3	119
31	Solvent tolerance in bacteria: role of efflux pumps and cross-resistance with antibiotics. International Journal of Antimicrobial Agents, 2003, 22, 211-216.	2.5	134
32	Heme and pH-dependent stability of an anionic horseradish peroxidase. Archives of Biochemistry and Biophysics, 2003, 415, 257-267.	3.0	52
33	A microporous membrane interface for the monitoring of dissolved gaseous and volatile compounds by on-line mass spectrometry. Journal of Membrane Science, 2002, 208, 49-56.	8.2	9
34	Microporous hollow fibres for carbon dioxide absorption: mass transfer model fitting and the supplying of carbon dioxide to microalgal cultures. Journal of Chemical Technology and Biotechnology, 1998, 71, 61-70.	3.2	48