Adalberto Pessoa

List of Publications by Year
in descending order

296 papers	8,400 citations	57758 44 h-index	76900 74 g-index
312 all docs	312 docs citations	312 times ranked	9382 citing authors

#	Article	IF	Citations
1	Bacterial nanocellulose production and application: a 10-year overview. Applied Microbiology and Biotechnology, 2016, 100, 2063-2072.	3.6	317
2	Micellar solubilization of drugs. Journal of Pharmacy and Pharmaceutical Sciences, 2005, 8, 147-65.	2.1	299
3	Methods of endotoxin removal from biological preparations: a review. Journal of Pharmacy and Pharmaceutical Sciences, 2007, 10, 388-404.	2.1	259
4	Inulin-type fructans: A review on different aspects of biochemical and pharmaceutical technology. Carbohydrate Polymers, 2014, 101, 368-378.	10.2	235
5	A biotechnology perspective of fungal proteases. Brazilian Journal of Microbiology, 2015, 46, 337-346.	2.0	224
6	Liquidâ€“liquid extraction of biomolecules: an overview and update of the main techniques. Journal of Chemical Technology and Biotechnology, 2008, 83, 143-157.	3.2	191
7	Marine-derived fungi: diversity of enzymes and biotechnological applications. Frontiers in Microbiology, 2015, 6, 269.	3.5	142
8	Bacterial cellulose production by Gluconacetobacter xylinus by employing alternative culture media. Applied Microbiology and Biotechnology, 2015, 99, 1181-1190.	3.6	130
9	Biopharmaceuticals from microorganisms: from production to purification. Brazilian Journal of Microbiology, 2016, 47, 51-63.	2.0	126
10	Liquidâ€“liquid extraction of proteases from fermented broth by PEG/citrate aqueous two-phase system. Chemical Engineering and Processing: Process Intensification, 2008, 47, 716-721.	3.6	119
11	Development of L-Asparaginase Biobetters: Current Research Status and Review of the Desirable Quality Profiles. Frontiers in Bioengineering and Biotechnology, 2018, 6, 212.	4.1	119
12	Cellular and molecular mechanisms in the hypoxic tissue: role of HIFâ€1 and ROS. Cell Biochemistry and Function, 2013, 31, 451-459.	2.9	112
13	Therapeutic<scp>l</scp>-asparaginase: upstream, downstream and beyond. Critical Reviews in Biotechnology, 2017, 37, 82-99.	9.0	109
14	Stability, purification, and applications of bromelain: A review. Biotechnology Progress, 2016, 32, 5-13.	2.6	106
15	Cold-adapted enzymes produced by fungi from terrestrial and marine Antarctic environments. Critical Reviews in Biotechnology, 2018, 38, 600-619.	9.0	106
16	Taxonomic assessment and enzymes production by yeasts isolated from marine and terrestrial Antarctic samples. Extremophiles, 2013, 17, 1023-1035.	2.3	102
17	Extraction of tetracycline from fermentation broth using aqueous two-phase systems composed of polyethylene glycol and cholinium-based salts. Process Biochemistry, 2013, 48, 716-722.	3.7	101
18	Nanostructures for protein drug delivery. Biomaterials Science, 2016, 4, 205-218.	5.4	97

#	Article	IF	Citations
19	Purification of bromelain from pineapple wastes by ethanol precipitation. Separation and Purification Technology, 2012, 98, 389-395.	7.9	94
20	Marine prebiotics: Polysaccharides and oligosaccharides obtained by using microbial enzymes. Food Chemistry, 2019, 280, 175-186.	8.2	93
21	Bromelain partitioning in two-phase aqueous systems containing PEOâ€“PPOâ€“PEO block copolymers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 807, 61-68.	2.3	86
22	Experimental and Theoretical Investigation of the Micellar-Assisted Solubilization of Ibuprofen in Aqueous Media. Langmuir, 2006, 22, 1514-1525.	3.5	79
23	Kinetic and thermodynamic studies of a novel acid protease from Aspergillus foetidus. International Journal of Biological Macromolecules, 2015, 81, 17-21.	7.5	78
24	Singlet Molecular Oxygen Generation by Light-Activated DHN-Melanin of the Fungal Pathogen Mycosphaerella fijiensis in Black Sigatoka Disease of Bananas. PLoS ONE, 2014, 9, e91616.	2.5	71
25	Cultivation of Candida tropicalis in sugar cane hemicellulosic hydrolyzate for microbial protein production. Journal of Biotechnology, 1996, 51, 83-88.	3.8	70
26	Use of sugar cane straw as a source of cellulose for textile fiber production. Industrial Crops and Products, 2013, 42, 189-194.	5.2	70
27	Different types of aqueous twoâ€phase systems for biomolecule and bioparticle extraction and purification. Biotechnology Progress, 2013, 29, 1343-1353.	2.6	68
28	Applications of recombinant Pichia pastoris in the healthcare industry. Brazilian Journal of Microbiology, 2013, 44, 1043-1048.	2.0	67
29	Design of novel aqueous micellar two-phase systems using ionic liquids as co-surfactants for the selective extraction of (bio)molecules. Separation and Purification Technology, 2014, 135, 259-267.	7.9	64
30	Protein partitioning in poly(ethylene glycol)/sodium polyacrylate aqueous two-phase systems. Journal of Chromatography A, 2008, 1178, 145-153.	3.7	60
31	Isolation of natural red colorants from fermented broth using ionic liquid-based aqueous two-phase systems. Journal of Industrial Microbiology and Biotechnology, 2013, 40, 507-516.	3.0	60
32	Recombinant L-asparaginase 1 from Saccharomyces cerevisiae: an allosteric enzyme with antineoplastic activity. Scientific Reports, 2016, 6, 36239.	3.3	60
33	Phase Diagrams of the Aqueous Two-Phase Systems of Poly(ethylene glycol)/Sodium Polyacrylate/Salts. Polymers, 2011, 3, 587-601.	4.5	58
34	Scale-up of diluted sulfuric acid hydrolysis for producing sugarcane bagasse hemicellulosic hydrolysate (SBHH). Bioresource Technology, 2010, 101, 1247-1253.	9.6	57
35	Production, purification and characterization of an aspartic protease from Aspergillus foetidus. Food and Chemical Toxicology, 2017, 109, 1103-1110.	3.6	56
36	Extraction, isolation and characterization of inulin from Agave sisalana boles. Industrial Crops and Products, 2017, 108, 355-362.	5.2	54

#	Article	IF	Citations
37	Two-phase aqueous micellar systems: an alternative method for protein purification. Brazilian Journal of Chemical Engineering, 2004, 21, 531-544.	1.3	52
38	Enhanced Xylitol Production by Precultivation of Candida guilliermondii Cells in Sugarcane Bagasse Hemicellulosic Hydrolysate. Current Microbiology, 2006, 53, 53-59.	2.2	52
39	Aqueous two-phase systems extraction of Î±-toxin from Clostridium perfringens type A. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2006, 833, 135-140.	2.3	51
40	Behavior of Triton X-114 cloud point in the presence of inorganic electrolytes. Fluid Phase Equilibria, 2013, 360, 435-438.	2.5	51
41	Evaluation of the activated charcoals and adsorption conditions used in the treatment of sugarcane bagasse hydrolysate for xylitol production. Brazilian Journal of Chemical Engineering, 2006, 23, 9-21.	1.3	49
42	Separation and partitioning of Green Fluorescent Protein from Escherichia coli homogenate in poly(ethylene glycol)/sodium-poly(acrylate) aqueous two-phase systems. Separation and Purification Technology, 2008, 62, 166-174.	7.9	48
43	Improving of red colorants production by a new Penicillium purpurogenum strain in submerged culture and the effect of different parameters in their stability. Biotechnology Progress, 2013, 29, 778-785.	2.6	48
44	R&D and economic growth: How strong is the link?. Economics Letters, 2010, 107, 152-154.	1.9	47
45	Production, purification, and characterization of an extracellular acid protease from the marine Antarctic yeast Rhodotorula mucilaginosa L7. Fungal Biology, 2015, 119, 1129-1136.	2.5	46
46	Liquid-liquid extraction by reversed micelles in biotechnological processes. Brazilian Journal of Chemical Engineering, 2000, 17, 29-38.	1.3	45
47	Recovery of inulinase using BDBAC reversed micelles. Process Biochemistry, 1998, 33, 291-297.	3.7	44
48	Glucose-6-phosphate dehydrogenase partitioning in two-phase aqueous mixed (nonionic/cationic) micellar systems. Biotechnology and Bioengineering, 2003, 82, 445-456.	3.3	44
49	Liquidâ€“liquid extraction of commercial and biosynthesized nisin by aqueous two-phase micellar systems. Enzyme and Microbial Technology, 2008, 42, 107-112.	3.2	43
50	Liquidâ€“liquid extraction by mixed micellar systems: A new approach for clavulanic acid recovery from fermented broth. Biochemical Engineering Journal, 2011, 56, 75-83.	3.6	42
51	Perspectives on Bioenergy and Biotechnology in Brazil. Applied Biochemistry and Biotechnology, 2005, 121, 0059-0070.	2.9	41
52	A stable liquidâ€“liquid extraction system for clavulanic acid using polymer-based aqueous two-phase systems. Separation and Purification Technology, 2012, 98, 441-450.	7.9	41
53	Recovery of bromelain from pineapple stem residues using aqueous micellar two-phase systems with ionic liquids as co-surfactants. Process Biochemistry, 2016, 51, 528-534.	3.7	41
54	Separation of inulinase from Kluyveromyces marxianus using reversed micellar extraction. Biotechnology Letters, 1997, 11, 421-422.	0.5	38

#	Article	IF	Citations
55	Antimicrobial effectiveness of silver nanoparticles co-stabilized by the bioactive copolymer pluronic F68. Journal of Nanobiotechnology, 2012, 10, 43.	9.1	38
56	Recombinants proteins for industrial uses: utilization of Pichia pastoris expression system. Brazilian Journal of Microbiology, 2013, 44, 351-356.	2.0	37
57	Stability of clavulanic acid under variable pH, ionic strength and temperature conditions. A new kinetic approach. Biochemical Engineering Journal, 2009, 45, 89-93.	3.6	35
58	Development and characterization of hydrogels based on natural polysaccharides: Policaju and chitosan. Materials Science and Engineering C, 2014, 42, 219-226.	7.3	35
59	â€œAlgaeâ€™s sulfated polysaccharides modifications: Potential use of microbial enzymesâ€• Process Biochemistry, 2016, 51, 989-998.	3.7	35
60	Optimization and purification of l -asparaginase from fungi: A systematic review. Critical Reviews in Oncology/Hematology, 2017, 120, 194-202.	4.4	35
61	Liquidâ€“liquid extraction of biopharmaceuticals from fermented broth: trends and future prospects. Journal of Chemical Technology and Biotechnology, 2018, 93, 1845-1863.	3.2	35
62	Production of Nisin by <I>Lactococcus lactis </I>in Media with Skimmed Milk. Applied Biochemistry and Biotechnology, 2005, 122, 0619-0638.	2.9	34
63	Ionic liquids as a novel class of electrolytes in polymeric aqueous biphasic systems. Process Biochemistry, 2015, 50, 661-668.	3.7	34
64	Fibers Obtained from Alginate, Chitosan and Hybrid Used in the Development of Scaffolds. Materials Research, 2017, 20, 377-386.	1.3	34
65	Evaluation of sugar cane hemicellulose hydrolyzate for cultivation of yeasts and filamentous fungi. Journal of Industrial Microbiology and Biotechnology, 1997, 18, 360-363.	3.0	33
66	Bromelain-Functionalized Multiple-Wall Lipid-Core Nanocapsules: Formulation, Chemical Structure and Antiproliferative Effect Against Human Breast Cancer Cells (MCF-7). Pharmaceutical Research, 2017, 34, 438-452.	3.5	33
67	Xylanase and Î²-xylosidase separation by fractional precipitation. Process Biochemistry, 1999, 35, 277-283.	3.7	32
68	Critical overview of the main features and techniques used for the evaluation of the clinical applicability of L-asparaginase as a biopharmaceutical to treat blood cancer. Blood Reviews, 2020, 43, 100651.	5.7	32
69	Xylose reductase and xylitol dehydrogenase activities of D-xylose-xylitol-fermentingCandida guilliermondii. Journal of Basic Microbiology, 1996, 36, 187-191.	3.3	31
70	Bromelain purification through unconventional aqueous two-phase system (PEG/ammonium sulphate). Bioprocess and Biosystems Engineering, 2013, 36, 185-192.	3.4	31
71	In situ purification of periplasmatic Lâ€asparaginase by aqueous two phase systems with ionic liquids (ILs) as adjuvants. Journal of Chemical Technology and Biotechnology, 2018, 93, 1871-1880.	3.2	31
72	Liquidâ€“liquid extraction of lipase produced by psychrotrophic yeast Leucosporidium scottii L117 using aqueous two-phase systems. Separation and Purification Technology, 2015, 156, 215-225.	7.9	30

#	Article	IF	Citations
73	Improvement in extracellular protease production by the marine antarctic yeast Rhodotorula mucilaginosa L7. New Biotechnology, 2016, 33, 807-814.	4.4	30
74	Ionic liquids or eutectic solvents? Identifying the best solvents for the extraction of astaxanthin and Î²-carotene fromPhaffia rhodozymayeast and preparation of biodegradable films. Green Chemistry, 2022, 24, 118-123.	9.0	30
75	Affinity-tagged green fluorescent protein (GFP) extraction from a clarifiedE. coli cell lysate using a two-phase aqueous micellar system. Biotechnology and Bioengineering, 2006, 93, 998-1004.	3.3	29
76	Continuous extraction of Î±-toxin from a fermented broth of Clostridium perfringens Type A in perforated rotating disc contactor using aqueous two-phase PEGâ€“phosphate system. Chemical Engineering and Processing: Process Intensification, 2008, 47, 1771-1776.	3.6	29
77	LPS removal from an E. coli fermentation broth using aqueous twoâ€phase micellar system. Biotechnology Progress, 2010, 26, 1644-1653.	2.6	29
78	Green fluorescent protein extraction and LPS removal from Escherichia coli fermentation medium using aqueous two-phase micellar system. Separation and Purification Technology, 2011, 81, 339-346.	7.9	29
79	From Synthesis to Characterization of Site-Selective PEGylated Proteins. Frontiers in Pharmacology, 2019, 10, 1450.	3.5	29
80	Protein drug delivery: current dosage form profile and formulation strategies. Journal of Drug Targeting, 2020, 28, 339-355.	4.4	29
81	Removal of proteases from Clostridium perfringens fermented broth by aqueous two-phase systems (PEG/citrate). Journal of Industrial Microbiology and Biotechnology, 2007, 34, 547-552.	3.0	28
82	Aqueous two-phase extraction using thermoseparating copolymer: a new system for phenolic compounds removal from hemicelullosic hydrolysate. Journal of Chemical Technology and Biotechnology, 2008, 83, 167-173.	3.2	28
83	Single-chain antibody fragments: Purification methodologies. Process Biochemistry, 2013, 48, 1242-1251.	3.7	28
84	Extraction of fibrinolytic proteases from Streptomyces sp. DPUA1576 using PEG-phosphate aqueous two-phase systems. Fluid Phase Equilibria, 2013, 339, 52-57.	2.5	27
85	PEG/NaPA aqueous two-phase systems for the purification of proteases expressed by Penicillium restrictum from Brazilian Savanna. Process Biochemistry, 2014, 49, 2305-2312.	3.7	27
86	Immobilization of antimicrobial peptides from Lactobacillus sakei subsp. sakei 2a in bacterial cellulose: Structural and functional stabilization. Food Packaging and Shelf Life, 2018, 17, 25-29.	7.5	27
87	Biochemical characteristics and potential application of a novel ethanol and glucose-tolerant Î²-glucosidase secreted by Pichia guilliermondii G1.2. Journal of Biotechnology, 2019, 294, 73-80.	3.8	27
88	Advances and trends in biotechnological production of natural astaxanthin by Phaffia rhodozyma yeast. Critical Reviews in Food Science and Nutrition, 2023, 63, 1862-1876.	10.3	27
89	Submerged Culture Conditions for the Production of Alternative Natural Colorants by a New Isolated Penicillium purpurogenum DPUA 1275. Journal of Microbiology and Biotechnology, 2013, 23, 802-810.	2.1	27
90	The effect of poly(ethylene glycol) on the activity and structure of glucose-6-phosphate dehydrogenase in solution. Colloids and Surfaces B: Biointerfaces, 2002, 26, 291-300.	5.0	26

#	Article	IF	Citations
91	Thermal Stability of Recombinant Green Fluorescent Protein (GFPuv) at Various pH Values. Applied Biochemistry and Biotechnology, 2004, 114, 469-484.	2.9	26
92	Profiles of xylose reductase, xylitol dehydrogenase and xylitol production under different oxygen transfer volumetric coefficient values. Journal of Chemical Technology and Biotechnology, 2009, 84, 326-330.	3.2	26
93	Plasmid DNA partitioning and separation using poly(ethylene glycol)/poly(acrylate)/salt aqueous two-phase systems. Journal of Chromatography A, 2012, 1233, 30-35.	3.7	26
94	Laccase production in bioreactor scale under saline condition by the marine-derived basidiomycete Peniophora sp. CBMAI 1063. Fungal Biology, 2018, 122, 302-309.	2.5	26
95	Influence and effect of osmolytes in biopharmaceutical formulations. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 131, 92-98.	4.3	26
96	Novel site-specific PEGylated L-asparaginase. PLoS ONE, 2019, 14, e0211951.	2.5	26
97	Kinetic and Thermodynamic Investigation on Ascorbate Oxidase Activity and Stability of aCucurbita maximaExtract. Biotechnology Progress, 2006, 22, 1637-1642.	2.6	26
98	Inulinase from Kluyveromyces marxianus: culture medium composition and enzyme extraction. Brazilian Journal of Chemical Engineering, 1999, 16, 237-245.	1.3	26
99	Improvement of submerged culture conditions to produce colorants by Penicillium purpurogenum. Brazilian Journal of Microbiology, 2014, 45, 731-742.	2.0	24
100	Carbon metabolism influenced for promoters and temperature used in the heterologous protein production using Pichia pastoris yeast. Brazilian Journal of Microbiology, 2018, 49, 119-127.	2.0	24
101	Evaluation of cross-flow microfiltration membranes using a rotary disc-filter. Process Biochemistry, 1998, 33, 39-45.	3.7	23
102	Aqueous Two-Phase Micellar System for Nisin Extraction in the Presence of Electrolytes. Food and Bioprocess Technology, 2013, 6, 3456-3461.	4.7	23
103	Bioconversion of Î±-chitin into N-acetyl-glucosamine using chitinases produced by marine-derived Aeromonas caviae isolates. World Journal of Microbiology and Biotechnology, 2017, 33, 201.	3.6	23
104	Fed-Batch Production of Saccharomyces cerevisiae L-Asparaginase II by Recombinant Pichia pastoris MUTs Strain. Frontiers in Bioengineering and Biotechnology, 2019, 7, 16.	4.1	23
105	Recovery of extracellular inulinase by expanded bed adsorption. Journal of Biotechnology, 1996, 51, 89-95.	3.8	22
106	Kinetic and thermodynamic aspects of glucose-6-phosphate dehydrogenase activity and synthesis. Enzyme and Microbial Technology, 2003, 32, 107-113.	3.2	22
107	Micellar solubilization of ibuprofen: influence of surfactant head groups on the extent of solubilization. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2005, 41, 237.	0.5	22
108	Nisin production utilizing skimmed milk aiming to reduce process cost. Applied Biochemistry and Biotechnology, 2007, 137-140, 515-528.	2.9	22

#	Article	IF	Citations
109	Extractive fermentation of clavulanic acid by Streptomyces DAUFPE 3060 using aqueous twoâ€phase system. Biotechnology Progress, 2011, 27, 95-103.	2.6	22
110	Effect of electrolytes as adjuvants in GFP and LPS partitioning on aqueous two-phase systems: 1. Polymer-polymer systems. Separation and Purification Technology, 2018, 206, 39-49.	7.9	22
111	An eco-friendly approach for the recovery of astaxanthin and Î²-carotene from Phaffia rhodozyma biomass using bio-based solvents. Bioresource Technology, 2022, 345, 126555.	9.6	22
112	Recovery of Î²-carotene and astaxanthin from Phaffia rhodozyma biomass using aqueous solutions of cholinium-based ionic liquids. Separation and Purification Technology, 2022, 290, 120852.	7.9	22
113	Intracellular Release of Recombinant Green Fluorescent Protein (gfp_{uv}) from Escherichia coli. Applied Biochemistry and Biotechnology, 2002, 98-100, 791-802.	2.9	21
114	Penicillium and Talaromyces endophytes from Tillandsia catimbauensis, a bromeliad endemic in the Brazilian tropical dry forest, and their potential for l-asparaginase production. World Journal of Microbiology and Biotechnology, 2018, 34, 162.	3.6	21
115	Challenges for the Self-Assembly of Poly(Ethylene Glycol)â€“Poly(Lactic Acid) (PEG-PLA) into Polymersomes: Beyond the Theoretical Paradigms. Nanomaterials, 2018, 8, 373.	4.1	21
116	Partition Behavior and Partial Purification of Hexokinase in Aqueous Two-Phase Polyethylene Glycol/Citrate Systems. Applied Biochemistry and Biotechnology, 2003, 108, 787-798.	2.9	20
117	New combined kinetic and thermodynamic approach to model glucose-6-phosphate dehydrogenase activity and stability. Enzyme and Microbial Technology, 2007, 40, 849-858.	3.2	20
118	The behavior of key enzymes of xylose metabolism on the xylitol production by Candida guilliermondii grown in hemicellulosic hydrolysate. Journal of Industrial Microbiology and Biotechnology, 2009, 36, 87-93.	3.0	20
119	Partitioning and extraction of collagenase from Penicillium aurantiogriseum in poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	2.5	20
120	Application of an aqueous twoâ€phase micellar system to extract bromelain from pineapple (<scp>A</scp>nanas comosus) peel waste and analysis of bromelain stability in cosmetic formulations. Biotechnology Progress, 2015, 31, 937-945.	2.6	20
121	L-Asparaginase Purification. Separation and Purification Reviews, 2017, 46, 35-43.	5.5	20
122	A critical analysis of L-asparaginase activity quantification methodsâ€”colorimetric methods versus high-performance liquid chromatography. Analytical and Bioanalytical Chemistry, 2018, 410, 6985-6990.	3.7	20
123	Microbial cell disruption methods for efficient release of enzyme L-asparaginase. Preparative Biochemistry and Biotechnology, 2018, 48, 707-717.	1.9	20
124	Xylanase recovery: effect of extraction conditions on the AOT-reversed micellar systems using experimental design. Process Biochemistry, 1999, 34, 121-125.	3.7	19
125	Liquid-liquid extraction of enzymes by affinity aqueous two-phase systems. Brazilian Archives of Biology and Technology, 2003, 46, 741-750.	0.5	19
126	Antifungal activity of topical microemulsion containing a thiophene derivative. Brazilian Journal of Microbiology, 2014, 45, 545-550.	2.0	19

#	Article	IF	Citations
127	Bioproduction of N-acetyl-glucosamine from colloidal Î±-chitin using an enzyme cocktail produced by Aeromonas caviae CHZ306. World Journal of Microbiology and Biotechnology, 2019, 35, 114.	3.6	19
128	A structural in silico analysis of the immunogenicity of l-asparaginase from Escherichia coli and Erwinia carotovora. Biologicals, 2019, 59, 47-55.	1.4	19
129	Partitioning of xylanolitic complex from Penicillium janthinellum by an aqueous two-phase system. Biomedical Applications, 2000, 743, 339-348.	1.7	18
130	Overexpression of Glucose-6-Phosphate Dehydrogenase in Genetically Modified Saccharomyces cerevisiae. Applied Biochemistry and Biotechnology, 2001, 91-93, 161-170.	2.9	18
131	Affinity partitioning of glucose-6-phosphate dehydrogenase and hexokinase in aqueous two-phase systems with free triazine dye ligands. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2002, 780, 53-60.	2.3	18
132	Optimized extraction by cetyl trimethyl ammonium bromide reversed micelles of xylose reductase and xylitol dehydrogenase from Candida guilliermondii homogenate. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 807, 47-54.	2.3	18
133	Glucose-6-phosphate dehydrogenase and xylitol production by Candida guilliermondii FTI 20037 using statistical experimental design. Process Biochemistry, 2006, 41, 631-637.	3.7	18
134	Comparison of oxygen mass transfer coefficient in simple and extractive fermentation systems. Biochemical Engineering Journal, 2009, 47, 122-126.	3.6	18
135	Screening of Variables Influencing the Clavulanic Acid Production by Streptomyces DAUFPE 3060 Strain. Applied Biochemistry and Biotechnology, 2010, 160, 1797-1807.	2.9	18
136	Influence of salts on the coexistence curve and protein partitioning in nonionic aqueous two-phase micellar systems. Brazilian Journal of Chemical Engineering, 2014, 31, 1057-1064.	1.3	18
137	Aqueous micellar systems containing Triton X-114 and Pichia pastoris fermentation supernatant: A novel alternative for single chain-antibody fragment purification. Separation and Purification Technology, 2014, 132, 295-301.	7.9	18
138	Effect of osmolytes on the activity of anti-cancer enzyme L-Asparaginase II from Erwinia chrysanthemi. Process Biochemistry, 2019, 81, 123-131.	3.7	18
139	Screening and optimizing fermentation production of<scp>l</scp>â€asparaginase byAspergillus terreusstrain Sâ€18 isolated from the Brazilian Caatinga Biome. Journal of Applied Microbiology, 2019, 126, 1426-1437.	3.1	18
140	Extraction by Reversed Micelles of the Intracellular Enzyme Xylose Reductase. Applied Biochemistry and Biotechnology, 2001, 91-93, 753-760.	2.9	17
141	Infleunce of pH on the partition of glucose-6-phosphate dehydrogenase and hexokinase in aqueous two-phase system. Brazilian Journal of Microbiology, 2002, 33, 196-201.	2.0	17
142	Optimization of glucose-6-phosphate dehydrogenase releasing from Candida guilliermondii by disruption with glass beads. Enzyme and Microbial Technology, 2006, 39, 591-595.	3.2	17
143	Effect of polyethylene glycol on the thermal stability of green fluorescent protein. Biotechnology Progress, 2010, 26, 252-256.	2.6	17
144	LPSâ€“protein aggregation influences protein partitioning in aqueous two-phase micellar systems. Applied Microbiology and Biotechnology, 2013, 97, 6201-6209.	3.6	17

#	Article	IF	Citations
145	Optimization of protease production and sequence analysis of the purified enzyme from the cold adapted yeast Rhodotorula mucilaginosa CBMAI 1528. Biotechnology Reports (Amsterdam,) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf	4.2	17
146	From green to blue economy: Marine biorefineries for a sustainable ocean-based economy. Green Chemistry, 2021, 23, 9377-9400.	9.0	17
147	Xylanase recovery effect of extraction conditions on the aqueous two-phase system using experimental design. Applied Biochemistry and Biotechnology, 1998, 70-72, 629-639.	2.9	16
148	Nisin expression production fromLactococcus lactis in milk whey medium. Journal of Chemical Technology and Biotechnology, 2008, 83, 325-328.	3.2	16
149	Extraction of Ascorbate Oxidase from Cucurbita maxima by Continuous Process in Perforated Rotating Disc Contactor Using Aqueous Two-Phase Systems. Applied Biochemistry and Biotechnology, 2010, 160, 1057-1064.	2.9	16
150	Citrate and phosphate influence on green fluorescent protein thermal stability. Biotechnology Progress, 2011, 27, 269-272.	2.6	16
151	Comparison of different protocols for the extraction of microbial DNA from reef corals. Brazilian Journal of Microbiology, 2012, 43, 517-527.	2.0	16
152	Polymerâ€based alternative method to extract bromelain from pineapple peel waste. Biotechnology and Applied Biochemistry, 2013, 60, 527-535.	3.1	16
153	Clavulanic acid partitioning in charged aqueous two-phase micellar systems. Separation and Purification Technology, 2013, 103, 273-278.	7.9	16
154	The influence of pH, polyethylene glycol and polyacrylic acid on the stability of stem bromelain. Brazilian Journal of Pharmaceutical Sciences, 2014, 50, 371-380.	1.2	16
155	Separation of natural colorants from the fermented broth of filamentous fungi using colloidal gas aphrons. Separation and Purification Technology, 2016, 163, 100-108.	7.9	16
156	Microemulsions containing Copaifera multijuga Hayne oil-resin: Challenges to achieve an efficient system for Î²-caryophyllene delivery. Industrial Crops and Products, 2018, 111, 185-192.	5.2	16
157	Glycosylation of L-asparaginase from E. coli through yeast expression and site-directed mutagenesis. Biochemical Engineering Journal, 2020, 156, 107516.	3.6	16
158	Glutaminase-free L-asparaginase production byLeucosporidium muscorumisolated from Antarctic marine-sediment. Preparative Biochemistry and Biotechnology, 2021, 51, 277-288.	1.9	16
159	Tackling Ischemic Reperfusion Injury With the Aid of Stem Cells and Tissue Engineering. Frontiers in Physiology, 2021, 12, 705256.	2.8	16
160	Response surface methodology for the evaluation of glucose-6-phosphate dehydrogenase enrichment process by soybean lecithin reversed micelles. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2007, 847, 262-266.	2.3	15
161	Low-cost purification of nisin from milk whey to a highly active product. Food and Bioproducts Processing, 2015, 93, 115-121.	3.6	15
162	L-Asparaginase from E. chrysanthemi expressed in glycoswitch^{Â®}: effect of His-Tag fusion on the extracellular expression. Preparative Biochemistry and Biotechnology, 2019, 49, 679-685.	1.9	15

#	Article	IF	Citations
163	Poly (lactic-co-glycolic acid) nanospheres allow for high l-asparaginase encapsulation yield and activity. Materials Science and Engineering C, 2019, 98, 524-534.	7.3	15
164	<scp>l</scp>-Asparaginase Encapsulation into Asymmetric Permeable Polymersomes. ACS Macro Letters, 2020, 9, 1471-1477.	4.8	15
165	Processing of byproducts to improve nisin production by Lactococcus lactis. African Journal of Biotechnology, 2011, 10, .	0.6	15
166	Effect of carbon:nitrogen ratio (C:N) and substrate source on glucose-6-phosphate dehydrogenase (G6PDH) production by recombinant Saccharomyces cerevisiae. Journal of Food Engineering, 2006, 75, 96-103.	5.2	14
167	Fed-batch culture of recombinant Saccharomyces cerevisiae for glucose 6-phosphate dehydrogenase production. Biochemical Engineering Journal, 2007, 33, 248-252.	3.6	14
168	Continuous counter-current purification of glucose-6-phosphate dehydrogenase using liquidâ€“liquid extraction by reverse micelles. Biochemical Engineering Journal, 2007, 34, 236-241.	3.6	14
169	Can affinity interactions influence the partitioning of glucose-6-phosphate dehydrogenase in two-phase aqueous micellar systems?. Quimica Nova, 2008, 31, 998-1003.	0.3	14
170	Quality-by-Design Approach for Biological API Encapsulation into Polymersomes Using â€œOff-the-Shelfâ€• Materials: a Study on L-Asparaginase. AAPS PharmSciTech, 2019, 20, 251.	3.3	14
171	Optimization of culture conditions and bench-scale production of anticancer enzyme L-asparaginase by submerged fermentation fromAspergillus terreusCCT 7693. Preparative Biochemistry and Biotechnology, 2019, 49, 95-104.	1.9	14
172	Exploring the benefits of nanotechnology for cancer drugs in different stages of the drug development pipeline. Nanomedicine, 2020, 15, 2539-2542.	3.3	14
173	Microbial Colorants Production in Stirred-Tank Bioreactor and Their Incorporation in an Alternative Food Packaging Biomaterial. Journal of Fungi (Basel, Switzerland), 2020, 6, 264.	3.5	14
174	Optimization of aqueous two-phase micellar system for partial purification of L-asparaginase from Penicillium sp. grown in wheat bran as agro-industrial residue. Brazilian Journal of Microbiology, 2020, 51, 979-988.	2.0	14
175	Structural and functional diversity of asparaginases: Overview and recommendations for a revised nomenclature. Biotechnology and Applied Biochemistry, 2022, 69, 503-513.	3.1	14
176	Determination of cloud-point temperatures for different copolymers. Brazilian Journal of Chemical Engineering, 2003, 20, 335-337.	1.3	14
177	Screening of Variables in Xylanase Recovery Using BDBAC Reversed Micelles. Applied Biochemistry and Biotechnology, 1999, 79, 779-788.	2.9	13
178	Evaluation of Recombinant Green Fluorescent Protein, Under Various Culture Conditions and Purification with HiTrap Hydrophobic Interaction Chromatography Resins. Applied Biochemistry and Biotechnology, 2004, 114, 453-468.	2.9	13
179	Large scale purification of Clostridium perfringens toxins: a review. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2004, 40, 151-164.	0.5	13
180	Culture medium of diluted skimmed milk for the production of nisin in batch cultivations. Annals of Microbiology, 2012, 62, 419-426.	2.6	13

#	Article	IF	Citations
181	Cultivation of Pichia pastoris carrying the scFv anti LDL (â˜) antibody fragment. Effect of preculture carbon source. Brazilian Journal of Microbiology, 2017, 48, 419-426.	2.0	13
182	Heterologous expression and purification of active Lâ€asparaginase I of Saccharomyces cerevisiae in Escherichia coli host. Biotechnology Progress, 2017, 33, 416-424.	2.6	13
183	L-asparaginase Production by Leucosporidium scottii in a Bench-Scale Bioreactor With Co-production of Lipids. Frontiers in Bioengineering and Biotechnology, 2020, 8, 576511.	4.1	13
184	Extracellular serine proteases by Acremonium sp. L1-4B isolated from Antarctica: Overproduction using cactus pear extract with response surface methodology. Biocatalysis and Agricultural Biotechnology, 2015, 4, 737-744.	3.1	12
185	Glycosylation of Erwinase results in active protein less recognized by antibodies. Biochemical Engineering Journal, 2020, 163, 107750.	3.6	12
186	L-asparaginase and Biosurfactants Produced by Extremophile Yeasts from Antarctic Environments. Industrial Biotechnology, 2020, 16, 107-116.	0.8	12
187	Compartmentalization of therapeutic proteins into semi-crystalline PEG-PCL polymersomes. Soft Materials, 2021, 19, 222-230.	1.7	12
188	Effect of Flow Rate Pattern on Glucose-6-phosphate Dehydrogenase Synthesis in Fed-Batch Culture of Recombinant Saccharomyces cerevisiae. Biotechnology Progress, 2003, 19, 320-324.	2.6	11
189	Liquidâ€“liquid extraction of xylitol dehydrogenase from Candida guilliermondii homogenate by reversed micelles. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 807, 55-60.	2.3	11
190	Liquidâ€“liquid extraction of commercial glucose oxidase by reversed micelles. Journal of Biotechnology, 2005, 116, 411-416.	3.8	11
191	Detection of Nisin Expression by Lactococcus lactis Using Two Susceptible Bacteria to Associate the Effects of Nisin With EDTA. Applied Biochemistry and Biotechnology, 2006, 129, 334-346.	2.9	11
192	Biomarkers to evaluate the effects of temperature and methanol on recombinant Pichia pastoris. Brazilian Journal of Microbiology, 2014, 45, 475-483.	2.0	11
193	Extraction of natural red colorants from the fermented broth ofPenicillium purpurogenumusing aqueous two-phase polymer systems. Biotechnology Progress, 2015, 31, 1295-1304.	2.6	11
194	Production of a novel Nâ€terminal PEGylated crisantaspase. Biotechnology and Applied Biochemistry, 2019, 66, 281-289.	3.1	11
195	Optimization of pH and temperature for Î²-xylosidase recovery by reversed micelles. Biotechnology Letters, 1999, 13, 239-242.	0.5	10
196	Effect of pH on the Stability of Hexokinase and Glucose 6-Phosphate Dehydrogenase. Applied Biochemistry and Biotechnology, 2002, 98-100, 265-272.	2.9	10
197	Permeation Associated with Three-Phase-Partitioning Method on Release of Green Fluorescent Protein. Applied Biochemistry and Biotechnology, 2003, 107, 481-492.	2.9	10
198	Phase diagrams of a CTAB/organic solvent/buffer system applied to extraction of enzymes by reverse micelles. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 862, 58-63.	2.3	10

#	Article	IF	Citations
199	Production of Glucose 6-Phosphate Dehydrogenase from Genetically Modified Saccharomycescerevisiae Grown by Batch Fermentation Process. Biotechnology Progress, 2008, 21, 1136-1139.	2.6	10
200	Poly(N-Isopropylacrylamide)-co-Acrylamide Hydrogels for the Controlled Release of Bromelain from Agroindustrial Residues of Ananas comosus. Planta Medica, 2015, 81, 1719-1726.	1.3	10
201	Liquid-liquid extraction of protease from cold-adapted yeastRhodotorula mucilaginosaL7 using biocompatible and biodegradable aqueous two-phase systems. Separation Science and Technology, 2016, 51, 57-67.	2.5	10
202	Recombinant <scp>lâ€</scp>asparaginase production using Pichia pastoris (<scp>MUT^s</scp> strain): establishment of conditions for growth and induction phases. Journal of Chemical Technology and Biotechnology, 2021, 96, 283-292.	3.2	10
203	Filamentous Fungi Producing l-Asparaginase with Low Glutaminase Activity Isolated from Brazilian Savanna Soil. Pharmaceutics, 2021, 13, 1268.	4.5	10
204	Increased glycosylated l-asparaginase production through selection of Pichia pastoris platform and oxygen-methanol control in fed-batches. Biochemical Engineering Journal, 2021, 173, 108083.	3.6	10
205	Insights into using green and unconventional technologies to recover natural astaxanthin from microbial biomass. Critical Reviews in Food Science and Nutrition, 2023, 63, 11211-11225.	10.3	10
206	Downstream processing of inulinase. Applied Biochemistry and Biotechnology, 1998, 70-72, 505-511.	2.9	9
207	Î²-Xylosidase Recovery by Reversed Micelles. Applied Biochemistry and Biotechnology, 2000, 84-86, 1101-1112.	2.9	9
208	Effect of Agitation and Aeration on Production of Hexokinase by Saccharomyces cerevisiae. Applied Biochemistry and Biotechnology, 2001, 91-93, 605-614.	2.9	9
209	Kinetic and Thermodynamic Investigation on Ascorbate Oxidase Activity and Stability of a Cucurbita maxima Extract. Biotechnology Progress, 2006, 22, 1637-1642.	2.6	9
210	Purification of Glucose Oxidase from Aspergillus niger by Liquid-Liquid Cationic Reversed Micelles Extraction. Biotechnology Progress, 2008, 21, 868-874.	2.6	9
211	Extraction of clavulanic acid using aqueous twoâ€phase micellar system. Biotechnology and Applied Biochemistry, 2011, 58, 103-108.	3.1	9
212	HSF-1, HIF-1and HSP90 expression on recombinant Pichia pastoris under fed-batch fermentation. Brazilian Journal of Microbiology, 2014, 45, 485-490.	2.0	9
213	Nisin. , 0, , .		9
214	Functional and structural evaluation of the antileukaemic enzyme l-asparaginase II expressed at low temperature by different Escherichia coli strains. Biotechnology Letters, 2020, 42, 2333-2344.	2.2	9
215	Antarctic fungus proteases generate bioactive peptides from caseinate. Food Research International, 2021, 139, 109944.	6.2	9
216	Novel Potential Drug AgainstT. cruziand Its Interaction with Surfactant Micelles. Pharmaceutical Development and Technology, 2007, 12, 183-192.	2.4	8

#	Article	IF	Citations
217	Partial purification of glucose-6-phosphate dehydrogenase by aqueous two-phase poly(ethyleneglycol)/phosphate systems. Brazilian Journal of Microbiology, 2007, 38, 78-83.	2.0	8
218	Kinetic and thermodynamic investigation on clavulanic acid formation and degradation during glycerol fermentation by Streptomyces DAUFPE 3060. Enzyme and Microbial Technology, 2009, 45, 169-173.	3.2	8
219	Effect of aeration and agitation on extractive fermentation of clavulanic acid by using aqueous twoâ€phase system. Biotechnology Progress, 2016, 32, 1444-1452.	2.6	8
220	Effect of electrolytes as adjuvants in GFP and LPS partitioning on aqueous two-phase systems: 2. Nonionic micellar systems. Separation and Purification Technology, 2019, 210, 69-79.	7.9	8
221	Biosurfactant production by yeasts from different types of soil of the South Shetland Islands (Maritime Antarctica). Journal of Applied Microbiology, 2019, 126, 1402-1413.	3.1	8
222	Sequencing and characterization of an L-asparaginase gene from a new species of Penicillium section Citrina isolated from Cerrado. Scientific Reports, 2021, 11, 17861.	3.3	8
223	Engineered Asparaginase from Erwinia chrysanthemi enhances asparagine hydrolase activity and diminishes enzyme immunoreactivity. Journal of Chemical Technology and Biotechnology, 0, , .	3.2	8
224	Use ofK L a as a criterion for scaling up the inulinase fermentation process. Applied Biochemistry and Biotechnology, 1996, 57-58, 699-709.	2.9	7
225	Effect of k_La on the Production of Glucose 6-Phosphate Dehydrogenase from Saccharomyces cerevisiae Grown by Fermentation Process. Applied Biochemistry and Biotechnology, 2002, 98-100, 205-214.	2.9	7
226	Two-Phase Systems with Free Triazine Dyes as Affinity Ligands. Applied Biochemistry and Biotechnology, 2003, 108, 853-866.	2.9	7
227	Influence of PluronicÂ® F68 on Ceftazidime Biological Activity in Parenteral Solutions. Journal of Pharmaceutical Sciences, 2011, 100, 715-720.	3.3	7
228	Aqueous two-phase micellar systems in an oscillatory flow micro-reactor: study of perspectives and experimental performance. Journal of Chemical Technology and Biotechnology, 2011, 86, 1159-1165.	3.2	7
229	Response of Saccharomyces cerevisiae to Cadmium and Nickel Stress: The Use of the Sugar Cane Vinasse as a Potential Mitigator. Biological Trace Element Research, 2012, 145, 71-80.	3.5	7
230	How does growth hormone releasing hexapeptide self-assemble in nanotubes?. Soft Matter, 2014, 10, 9260-9269.	2.7	7
231	Interferences that impact measuring optimal l-asparaginase activity and consequent errors interpreting these data. Applied Microbiology and Biotechnology, 2019, 103, 5161-5166.	3.6	7
232	An improved method for simple and accurate colorimetric determination of <scp>l</scp>â€asparaginase enzyme activity using <scp>Nessler's</scp> reagent. Journal of Chemical Technology and Biotechnology, 2021, 96, 1326-1332.	3.2	7
233	Optimization of clavulanic acid production by Streptomyces daufpe 3060 by response surface methodology. Brazilian Journal of Microbiology, 2011, 42, 658-667.	2.0	7
234	Screening of Variables in Î²-Xylosidase Recovery Using Cetyl Trimethyl Ammonium Bromide Reversed Micelles. Applied Biochemistry and Biotechnology, 2001, 91-93, 719-728.	2.9	6

#	Article	IF	Citations
235	Screening of wild type Streptomyces isolates able to overproduce clavulanic acid. Brazilian Journal of Microbiology, 2014, 45, 919-928.	2.0	6
236	Polimerossomos versus lipossomos: a evoluÃ§Ã£o da "Bala MÃ¡gica". Quimica Nova, 0, , .	0.3	6
237	Free fatty acids reduce metabolic stress and favor a stable production of heterologous proteins in Pichia pastoris. Brazilian Journal of Microbiology, 2018, 49, 856-864.	2.0	6
238	Application of aqueous twoâ€phase micellar system to improve extraction of adenoviral particles from cell lysate. Biotechnology and Applied Biochemistry, 2018, 65, 381-389.	3.1	6
239	A novel multiple reactor system for the long-term production of L-asparaginase by Penicillium sp. LAMAI 505. Process Biochemistry, 2020, 90, 23-31.	3.7	6
240	Influence of lysosomal protease sensitivity in the immunogenicity of the antitumor biopharmaceutical asparaginase. Biochemical Pharmacology, 2020, 182, 114230.	4.4	6
241	Sugarcane Straw and Its Cellulose Fraction as Raw Materials for Obtainment of Textile fibers and Other Bioproducts. , 2015, , 513-533.		6
242	Selective recovery of xylanase fromPenicillium janthinellum using BDBAC reversed micelles. Acta Biotechnologica, 1999, 19, 157-161.	0.9	5
243	Purification of Î±â€toxin from Clostridium perfringens type A in PEGâ€phosphate aqueous twoâ€phase systems: a factorial study. Journal of Chemical Technology and Biotechnology, 2008, 83, 158-162.	3.2	5
244	Evaluation of xylanases from Aspergillus niger and Trichoderma sp. on dough rheological properties. African Journal of Biotechnology, 2011, 10, 9132-9136.	0.6	5
245	Assessment of the effect of triton Xâ€114 on the physicochemical properties of an antibody fragment. Biotechnology Progress, 2014, 30, 554-561.	2.6	5
246	5CN05 partitioning in an aqueous two-phase system: A new approach to the solubilization of hydrophobic drugs. Process Biochemistry, 2014, 49, 1555-1561.	3.7	5
247	Optimized extraction of a single-chain variable fragment of antibody by using aqueous micellar two-phase systems. Protein Expression and Purification, 2015, 111, 53-60.	1.3	5
248	An integrated process combining the reaction and purification of PEGylated proteins. Green Chemistry, 2019, 21, 6407-6418.	9.0	5
249	Immunogenicity assessment of fungal l-asparaginases: an in silico approach. SN Applied Sciences, 2020, 2, 1.	2.9	5
250	L-Asparaginase from Penicillium sizovae Produced by a Recombinant Komagataella phaffii Strain. Pharmaceuticals, 2022, 15, 746.	3.8	5
251	Physico-chemical quality parameters of herbal products fromAgave sisalana. Natural Product Research, 2014, 28, 1992-1999.	1.8	4
252	Development of Processes for Recombinant L-Asparaginase II Production by Escherichia coli Bl21 (De3): From Shaker to Bioreactors. Pharmaceutics, 2021, 13, 14.	4.5	4

#	Article	IF	Citations
253	Optimization of clavulanic acid production by Streptomyces daufpe 3060 by response surface methodology. Brazilian Journal of Microbiology, 2011, 42, 658-67.	2.0	4
254	Xylanase recovery by ethanol and Na2SO4 precipitation. Applied Biochemistry and Biotechnology, 1998, 70-72, 661-666.	2.9	3
255	Detection of Nisin Expression by Lactococcus lactis Using Two Susceptible Bacteria to Associate the Effects of Nisin With EDTA. , 2006, , 334-346.		3
256	Investigation of charged polymer influence on green fluorescent protein thermal stability. New Biotechnology, 2011, 28, 391-395.	4.4	3
257	Identifying quality of life indicators to improve outpatient pharmacy services for prostate cancer patients: a comparison between brazilian and british experiences. International Braz J Urol: Official Journal of the Brazilian Society of Urology, 2019, 45, 435-448.	1.5	3
258	Influence of carbon source on cell size and production of anti LDL (-) single-chain variable fragment by a recombinant Pichia pastoris strain. Molecular Biology Reports, 2019, 46, 3257-3264.	2.3	3
259	Characterization of xylose reductase extracted by CTAB-reversed micelles from Candida guilliermondii homogenate. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2006, 42, 251-257.	0.5	3
260	Fed-Batch production of glucose 6-Phosphate dehydrogenase using recombinant saccharomyces cerevisiae. Applied Biochemistry and Biotechnology, 2007, 137-140, 711-720.	2.9	2
261	Process Integration for the Disruption of Candida guilliermondii Cultivated in Rice Straw Hydrolysate and Recovery of Glucose-6-Phosphate Dehydrogenase by Aqueous Two-Phase Systems. Applied Biochemistry and Biotechnology, 2015, 176, 1596-1612.	2.9	2
262	Extraction protease expressed by Penicillium fellutanum from the Brazilian savanna using poly(ethylene glycol)/sodium polyacrylate/NaCl aqueous twoâ€phase system. Biotechnology and Applied Biochemistry, 2015, 62, 806-814.	3.1	2
263	Purification of Anti-Interleukin-6 Monoclonal Antibody Using Precipitation and Immobilized Metal-Ion Affinity Chromatography. Adsorption Science and Technology, 2015, 33, 191-202.	3.2	2
264	Aqueous extracts of Agave sisalana boles have prebiotic potential. Natural Product Research, 2020, 34, 2367-2371.	1.8	2
265	Improvement in extracellular secretion of recombinant l-asparaginase II by Escherichia coli BL21 (DE3) using glycine and n-dodecane. Brazilian Journal of Microbiology, 2021, 52, 1247-1255.	2.0	2
266	Screening of Variables in Î²-Xylosidase Recovery Using Cetyl Trimethyl Ammonium Bromide Reversed Micelles. , 2001, , 719-728.		2
267	Production of Nisin by Lactococcus lactis in Media with Skimmed Milk. , 2005, , 619-637.		2
268	Downstream Processing of Inulinase Comparison of Different Techniques. , 1998, , 505-511.		2
269	Micelas reversas de lecitina de soja: uma alternativa para purificaÃ§Ã£o de proteÃnas. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2007, 43, 481-487.	0.5	1
270	Effect of cultivation conditions on glucose-6-phosphate dehydrogenase production by genetically modified Saccharomyces cerevisiae. Brazilian Journal of Chemical Engineering, 2009, 26, 1-9.	1.3	1

#	Article	IF	Citations
271	Biological and physicochemical stability of ceftazidime and aminophylline on glucose parenteral solution. Brazilian Journal of Pharmaceutical Sciences, 2012, 48, 691-698.	1.2	1
272	Draft Genome Sequence of Aeromonas caviae CH129, a Marine-Derived Bacterium Isolated from the Coast of SÃ£o Paulo State, Brazil. Genome Announcements, 2016, 4, .	0.8	1
273	Draft Genome Sequence of Marine-Derived Aeromonas caviae CHZ306, a Potential Chitinase Producer Strain. Genome Announcements, 2016, 4, .	0.8	1
274	Total combining power: Technique for the evaluation of the quality control process of clostridiosis vaccines. Journal of Microbiological Methods, 2016, 130, 164-168.	1.6	1
275	Expression of Glycosylated Proteins in Bacterial System and Purification by Affinity Chromatography. Methods in Molecular Biology, 2018, 1674, 183-191.	0.9	1
276	Laccases produced by Peniophora from marine and terrestrial origin: A comparative study. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102066.	3.1	1
277	Fed-Batch Production of Glucose 6-Phosphate Dehydrogenase Using Recombinant Saccharomyces cerevisiae. , 2007, , 711-720.		1
278	Adsorption of endotoxins on Ca2+ iminodiacetic acid by metal ion affinity chromatography. Chinese Journal of Chromatography (Se Pu), 2013, 30, 1194-1202.	0.8	1
279	Biopharmaceutical molecules. , 2020, , 31-68.		1
280	ExtraÃ§Ã£o lÃquido-lÃquido em sistemas de duas fases aquosas. , 2020, , 241-280.		1
281	OtimizaÃ§Ã£o do processo de extraÃ§Ã£o de Î²-xilosidase por sistemas micelares reversos. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2002, 38, 451-456.	0.5	0
282	Kinetic analysis of batch ethanol acetylation in isothermal non-stationary multiphase systems by lyophilized mycelium of Aspergillus oryzae. Brazilian Journal of Microbiology, 2011, 42, 388-393.	2.0	0
283	Biopharmaceutical development, production, and quality. , 2020, , 69-89.		0
284	Tailoring Protein PEGylation Reaction: An Undergraduate Laboratory Experiment. Journal of Chemical Education, 2020, 97, 1443-1447.	2.3	0
285	Î²-Xylosidase Recovery by Reversed Micelles. , 2000, , 1101-1111.		0
286	Extraction by Reversed Micelles of the Intracellular Enzyme Xylose Reductase. , 2001, , 753-759.		0
287	Effect of pH on the Stability of Hexokinase and Glucose 6-Phosphate Dehydrogenase. , 2002, , 265-272.		0
288	Biotecnologia. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2002, 38, 246-246.	0.5	0

#	Article	IF	Citations
289	Permeation Associated with Three-Phase-Partitioning Method on Release of Green Fluorescent Protein. , 2003, , 481-491.		0
290	Optimization of Î²-xylosidase recovery by reversed micelles using response surface methodology. Electronic Journal of Biotechnology, 2003, 6, .	2.2	0
291	Unit operations in food engineering. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2003, 39, 468-468.	0.5	0
292	Evaluation of Recombinant Green Fluorescent Protein, Under Various Culture Conditions and Purification with HiTrap Hydrophobic Interaction Chromatography Resins. , 2004, , 453-468.		0
293	Thermal Stability of Recombinant Green Fluorescent Protein (GFPuv) at Various pH Values. , 2004, , 469-483.		0
294	Reactores enzimÃ¡ticos. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2005, 41, .	0.5	0
295	and Its Fraction as Raw Materials for Obtainment of and Other Bioproducts. , 2014, , 1-17.		0
296	PrecipitaÃ§Ã£o de proteÃnas. , 2020, , 201-240.		0