

Adalberto Pessoa

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4918183/publications.pdf>

Version: 2024-02-01

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	Advances and trends in biotechnological production of natural astaxanthin by <i>Phaffia rhodozyma</i> yeast. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 1862-1876.	10.3	27
2	Insights into using green and unconventional technologies to recover natural astaxanthin from microbial biomass. <i>Critical Reviews in Food Science and Nutrition</i> , 2023, 63, 11211-11225.	10.3	10
3	Structural and functional diversity of asparaginases: Overview and recommendations for a revised nomenclature. <i>Biotechnology and Applied Biochemistry</i> , 2022, 69, 503-513.	3.1	14
4	An eco-friendly approach for the recovery of astaxanthin and β -carotene from <i>Phaffia rhodozyma</i> biomass using bio-based solvents. <i>Bioresource Technology</i> , 2022, 345, 126555.	9.6	22
5	Ionic liquids or eutectic solvents? Identifying the best solvents for the extraction of astaxanthin and β -carotene from <i>Phaffia rhodozyma</i> yeast and preparation of biodegradable films. <i>Green Chemistry</i> , 2022, 24, 118-123.	9.0	30
6	Recovery of β -carotene and astaxanthin from <i>Phaffia rhodozyma</i> biomass using aqueous solutions of cholinium-based ionic liquids. <i>Separation and Purification Technology</i> , 2022, 290, 120852.	7.9	22
7	L-Asparaginase from <i>Penicillium sizovae</i> Produced by a Recombinant <i>Komagataella phaffii</i> Strain. <i>Pharmaceuticals</i> , 2022, 15, 746.	3.8	5
8	Recombinant asparaginase production using <i>Pichia pastoris</i> (<i>MUT^S</i> strain): establishment of conditions for growth and induction phases. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 283-292.	3.2	10
9	Antarctic fungus proteases generate bioactive peptides from caseinate. <i>Food Research International</i> , 2021, 139, 109944.	6.2	9
10	Compartmentalization of therapeutic proteins into semi-crystalline PEG-PCL polymersomes. <i>Soft Materials</i> , 2021, 19, 222-230.	1.7	12
11	Glutaminase-free L-asparaginase production by <i>Leucosporidium muscorum</i> isolated from Antarctic marine-sediment. <i>Preparative Biochemistry and Biotechnology</i> , 2021, 51, 277-288.	1.9	16
12	Improvement in extracellular secretion of recombinant l-asparaginase II by <i>Escherichia coli</i> BL21 (DE3) using glycine and n-dodecane. <i>Brazilian Journal of Microbiology</i> , 2021, 52, 1247-1255.	2.0	2
13	Laccases produced by <i>Peniophora</i> from marine and terrestrial origin: A comparative study. <i>Biocatalysis and Agricultural Biotechnology</i> , 2021, 35, 102066.	3.1	1
14	Filamentous Fungi Producing L-Asparaginase with Low Glutaminase Activity Isolated from Brazilian Savanna Soil. <i>Pharmaceutics</i> , 2021, 13, 1268.	4.5	10
15	Increased glycosylated l-asparaginase production through selection of <i>Pichia pastoris</i> platform and oxygen-methanol control in fed-batches. <i>Biochemical Engineering Journal</i> , 2021, 173, 108083.	3.6	10
16	Sequencing and characterization of an L-asparaginase gene from a new species of <i>Penicillium</i> section <i>Citrina</i> isolated from Cerrado. <i>Scientific Reports</i> , 2021, 11, 17861.	3.3	8
17	Tackling Ischemic Reperfusion Injury With the Aid of Stem Cells and Tissue Engineering. <i>Frontiers in Physiology</i> , 2021, 12, 705256.	2.8	16
18	An improved method for simple and accurate colorimetric determination of asparaginase enzyme activity using Nessler's reagent. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 1326-1332.	3.2	7

#	ARTICLE	IF	CITATIONS
19	Development of Processes for Recombinant L-Asparaginase II Production by <i>Escherichia coli</i> Bl21 (De3): From Shaker to Bioreactors. <i>Pharmaceutics</i> , 2021, 13, 14.	4.5	4
20	From green to blue economy: Marine biorefineries for a sustainable ocean-based economy. <i>Green Chemistry</i> , 2021, 23, 9377-9400.	9.0	17
21	Aqueous extracts of <i>Agave sisalana</i> boles have prebiotic potential. <i>Natural Product Research</i> , 2020, 34, 2367-2371.	1.8	2
22	Protein drug delivery: current dosage form profile and formulation strategies. <i>Journal of Drug Targeting</i> , 2020, 28, 339-355.	4.4	29
23	A novel multiple reactor system for the long-term production of L-asparaginase by <i>Penicillium</i> sp. LAMAI 505. <i>Process Biochemistry</i> , 2020, 90, 23-31.	3.7	6
24	Influence of lysosomal protease sensitivity in the immunogenicity of the antitumor biopharmaceutical asparaginase. <i>Biochemical Pharmacology</i> , 2020, 182, 114230.	4.4	6
25	<scp>l</scp>-Asparaginase Encapsulation into Asymmetric Permeable Polymersomes. <i>ACS Macro Letters</i> , 2020, 9, 1471-1477.	4.8	15
26	Biopharmaceutical development, production, and quality. , 2020, , 69-89.		0
27	L-asparaginase Production by <i>Leucosporidium scottii</i> in a Bench-Scale Bioreactor With Co-production of Lipids. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 576511.	4.1	13
28	Glycosylation of Erwinase results in active protein less recognized by antibodies. <i>Biochemical Engineering Journal</i> , 2020, 163, 107750.	3.6	12
29	Optimization of protease production and sequence analysis of the purified enzyme from the cold adapted yeast <i>Rhodotorula mucilaginosa</i> CBMAI 1528. <i>Biotechnology Reports (Amsterdam,)</i> Tj ETQq1 1 0.7843144gBT /Overibck 10 Tf		
30	Exploring the benefits of nanotechnology for cancer drugs in different stages of the drug development pipeline. <i>Nanomedicine</i> , 2020, 15, 2539-2542.	3.3	14
31	Microbial Colorants Production in Stirred-Tank Bioreactor and Their Incorporation in an Alternative Food Packaging Biomaterial. <i>Journal of Fungi (Basel, Switzerland)</i> , 2020, 6, 264.	3.5	14
32	Optimization of aqueous two-phase micellar system for partial purification of L-asparaginase from <i>Penicillium</i> sp. grown in wheat bran as agro-industrial residue. <i>Brazilian Journal of Microbiology</i> , 2020, 51, 979-988.	2.0	14
33	L-asparaginase and Biosurfactants Produced by Extremophile Yeasts from Antarctic Environments. <i>Industrial Biotechnology</i> , 2020, 16, 107-116.	0.8	12
34	Immunogenicity assessment of fungal l-asparaginases: an in silico approach. <i>SN Applied Sciences</i> , 2020, 2, 1.	2.9	5
35	Tailoring Protein PEGylation Reaction: An Undergraduate Laboratory Experiment. <i>Journal of Chemical Education</i> , 2020, 97, 1443-1447.	2.3	0
36	Functional and structural evaluation of the antileukaemic enzyme l-asparaginase II expressed at low temperature by different <i>Escherichia coli</i> strains. <i>Biotechnology Letters</i> , 2020, 42, 2333-2344.	2.2	9

#	ARTICLE	IF	CITATIONS
37	Glycosylation of L-asparaginase from <i>E. coli</i> through yeast expression and site-directed mutagenesis. <i>Biochemical Engineering Journal</i> , 2020, 156, 107516.	3.6	16
38	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. <i>Blood Reviews</i> , 2020, 43, 100651.	5.7	32
39	Biopharmaceutical molecules. , 2020, , 31-68.		1
40	Precipitação de proteínas. , 2020, , 201-240.		0
41	Extração líquido-líquido em sistemas de duas fases aquosas. , 2020, , 241-280.		1
42	Effect of electrolytes as adjuvants in GFP and LPS partitioning on aqueous two-phase systems: 2. Nonionic micellar systems. <i>Separation and Purification Technology</i> , 2019, 210, 69-79.	7.9	8
43	Quality-by-Design Approach for Biological API Encapsulation into Polymersomes Using "Off-the-Shelf" Materials: a Study on L-Asparaginase. <i>AAPS PharmSciTech</i> , 2019, 20, 251.	3.3	14
44	Bioproduction of N-acetyl-glucosamine from colloidal β -chitin using an enzyme cocktail produced by <i>Aeromonas caviae</i> CHZ306. <i>World Journal of Microbiology and Biotechnology</i> , 2019, 35, 114.	3.6	19
45	Identifying quality of life indicators to improve outpatient pharmacy services for prostate cancer patients: a comparison between brazilian and british experiences. <i>International Braz J Urol: Official Journal of the Brazilian Society of Urology</i> , 2019, 45, 435-448.	1.5	3
46	Biosurfactant production by yeasts from different types of soil of the South Shetland Islands (Maritime Antarctica). <i>Journal of Applied Microbiology</i> , 2019, 126, 1402-1413.	3.1	8
47	Fed-Batch Production of <i>Saccharomyces cerevisiae</i> L-Asparaginase II by Recombinant <i>Pichia pastoris</i> MUTs Strain. <i>Frontiers in Bioengineering and Biotechnology</i> , 2019, 7, 16.	4.1	23
48	Influence of carbon source on cell size and production of anti LDL (-) single-chain variable fragment by a recombinant <i>Pichia pastoris</i> strain. <i>Molecular Biology Reports</i> , 2019, 46, 3257-3264.	2.3	3
49	Interferences that impact measuring optimal l-asparaginase activity and consequent errors interpreting these data. <i>Applied Microbiology and Biotechnology</i> , 2019, 103, 5161-5166.	3.6	7
50	L-Asparaginase from <i>E. chrysanthemi</i> expressed in glycoswitch [®] : effect of His-Tag fusion on the extracellular expression. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 679-685.	1.9	15
51	A structural in silico analysis of the immunogenicity of l-asparaginase from <i>Escherichia coli</i> and <i>Erwinia carotovora</i> . <i>Biologicals</i> , 2019, 59, 47-55.	1.4	19
52	Effect of osmolytes on the activity of anti-cancer enzyme L-Asparaginase II from <i>Erwinia chrysanthemi</i> . <i>Process Biochemistry</i> , 2019, 81, 123-131.	3.7	18
53	Biochemical characteristics and potential application of a novel ethanol and glucose-tolerant β -glucosidase secreted by <i>Pichia guilliermondii</i> G1.2. <i>Journal of Biotechnology</i> , 2019, 294, 73-80.	3.8	27
54	Novel site-specific PEGylated L-asparaginase. <i>PLoS ONE</i> , 2019, 14, e0211951.	2.5	26

#	ARTICLE	IF	CITATIONS
55	Screening and optimizing fermentation production of l-asparaginase by <i>Aspergillus terreus</i> strain Sâ€18 isolated from the Brazilian Caatinga Biome. <i>Journal of Applied Microbiology</i> , 2019, 126, 1426-1437.	3.1	18
56	From Synthesis to Characterization of Site-Selective PEGylated Proteins. <i>Frontiers in Pharmacology</i> , 2019, 10, 1450.	3.5	29
57	An integrated process combining the reaction and purification of PEGylated proteins. <i>Green Chemistry</i> , 2019, 21, 6407-6418.	9.0	5
58	Production of a novel Nâ€terminal PEGylated crisantaspase. <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 281-289.	3.1	11
59	Marine prebiotics: Polysaccharides and oligosaccharides obtained by using microbial enzymes. <i>Food Chemistry</i> , 2019, 280, 175-186.	8.2	93
60	Poly (lactic-co-glycolic acid) nanospheres allow for high l-asparaginase encapsulation yield and activity. <i>Materials Science and Engineering C</i> , 2019, 98, 524-534.	7.3	15
61	Optimization of culture conditions and bench-scale production of anticancer enzyme L-asparaginase by submerged fermentation from <i>Aspergillus terreus</i> CCT 7693. <i>Preparative Biochemistry and Biotechnology</i> , 2019, 49, 95-104.	1.9	14
62	Free fatty acids reduce metabolic stress and favor a stable production of heterologous proteins in <i>Pichia pastoris</i> . <i>Brazilian Journal of Microbiology</i> , 2018, 49, 856-864.	2.0	6
63	Laccase production in bioreactor scale under saline condition by the marine-derived basidiomycete <i>Peniophora</i> sp. CBMAI 1063. <i>Fungal Biology</i> , 2018, 122, 302-309.	2.5	26
64	Microemulsions containing <i>Copaifera multijuga</i> Hayne oil-resin: Challenges to achieve an efficient system for Î²-caryophyllene delivery. <i>Industrial Crops and Products</i> , 2018, 111, 185-192.	5.2	16
65	<i>In situ</i> purification of periplasmatic l-asparaginase by aqueous two phase systems with ionic liquids (ILs) as adjuvants. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1871-1880.	3.2	31
66	Liquidâ€liquid extraction of biopharmaceuticals from fermented broth: trends and future prospects. <i>Journal of Chemical Technology and Biotechnology</i> , 2018, 93, 1845-1863.	3.2	35
67	Expression of Glycosylated Proteins in Bacterial System and Purification by Affinity Chromatography. <i>Methods in Molecular Biology</i> , 2018, 1674, 183-191.	0.9	1
68	Cold-adapted enzymes produced by fungi from terrestrial and marine Antarctic environments. <i>Critical Reviews in Biotechnology</i> , 2018, 38, 600-619.	9.0	106
69	Application of aqueous twoâ€phase micellar system to improve extraction of adenoviral particles from cell lysate. <i>Biotechnology and Applied Biochemistry</i> , 2018, 65, 381-389.	3.1	6
70	<i>Penicillium</i> and <i>Talaromyces</i> endophytes from <i>Tillandsia catimbauensis</i> , a bromeliad endemic in the Brazilian tropical dry forest, and their potential for l-asparaginase production. <i>World Journal of Microbiology and Biotechnology</i> , 2018, 34, 162.	3.6	21
71	A critical analysis of L-asparaginase activity quantification methodsâ€colorimetric methods versus high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6985-6990.	3.7	20
72	Carbon metabolism influenced for promoters and temperature used in the heterologous protein production using <i>Pichia pastoris</i> yeast. <i>Brazilian Journal of Microbiology</i> , 2018, 49, 119-127.	2.0	24

#	ARTICLE	IF	CITATIONS
73	Immobilization of antimicrobial peptides from <i>Lactobacillus sakei</i> subsp. <i>sakei</i> 2a in bacterial cellulose: Structural and functional stabilization. <i>Food Packaging and Shelf Life</i> , 2018, 17, 25-29.	7.5	27
74	Effect of electrolytes as adjuvants in GFP and LPS partitioning on aqueous two-phase systems: 1. Polymer-polymer systems. <i>Separation and Purification Technology</i> , 2018, 206, 39-49.	7.9	22
75	Influence and effect of osmolytes in biopharmaceutical formulations. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2018, 131, 92-98.	4.3	26
76	Challenges for the Self-Assembly of Poly(Ethylene Glycol)-Poly(Lactic Acid) (PEG-PLA) into Polymersomes: Beyond the Theoretical Paradigms. <i>Nanomaterials</i> , 2018, 8, 373.	4.1	21
77	Microbial cell disruption methods for efficient release of enzyme L-asparaginase. <i>Preparative Biochemistry and Biotechnology</i> , 2018, 48, 707-717.	1.9	20
78	Development of L-Asparaginase Biobetters: Current Research Status and Review of the Desirable Quality Profiles. <i>Frontiers in Bioengineering and Biotechnology</i> , 2018, 6, 212.	4.1	119
79	Therapeutic L-asparaginase: upstream, downstream and beyond. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 82-99.	9.0	109
80	L-Asparaginase Purification. <i>Separation and Purification Reviews</i> , 2017, 46, 35-43.	5.5	20
81	Cultivation of <i>Pichia pastoris</i> carrying the scFv anti LDL (âˆ™) antibody fragment. Effect of preculture carbon source. <i>Brazilian Journal of Microbiology</i> , 2017, 48, 419-426.	2.0	13
82	Production, purification and characterization of an aspartic protease from <i>Aspergillus foetidus</i> . <i>Food and Chemical Toxicology</i> , 2017, 109, 1103-1110.	3.6	56
83	Bromelain-Functionalized Multiple-Wall Lipid-Core Nanocapsules: Formulation, Chemical Structure and Antiproliferative Effect Against Human Breast Cancer Cells (MCF-7). <i>Pharmaceutical Research</i> , 2017, 34, 438-452.	3.5	33
84	Bioconversion of Î±-chitin into N-acetyl-glucosamine using chitinases produced by marine-derived <i>Aeromonas caviae</i> isolates. <i>World Journal of Microbiology and Biotechnology</i> , 2017, 33, 201.	3.6	23
85	Optimization and purification of L-asparaginase from fungi: A systematic review. <i>Critical Reviews in Oncology/Hematology</i> , 2017, 120, 194-202.	4.4	35
86	Extraction, isolation and characterization of inulin from <i>Agave sisalana</i> boles. <i>Industrial Crops and Products</i> , 2017, 108, 355-362.	5.2	54
87	Heterologous expression and purification of active L-asparaginase I of <i>Saccharomyces cerevisiae</i> in <i>Escherichia coli</i> host. <i>Biotechnology Progress</i> , 2017, 33, 416-424.	2.6	13
88	Fibers Obtained from Alginate, Chitosan and Hybrid Used in the Development of Scaffolds. <i>Materials Research</i> , 2017, 20, 377-386.	1.3	34
89	Draft Genome Sequence of <i>Aeromonas caviae</i> CH129, a Marine-Derived Bacterium Isolated from the Coast of SÃ£o Paulo State, Brazil. <i>Genome Announcements</i> , 2016, 4, .	0.8	1
90	Draft Genome Sequence of Marine-Derived <i>Aeromonas caviae</i> CHZ306, a Potential Chitinase Producer Strain. <i>Genome Announcements</i> , 2016, 4, .	0.8	1

#	ARTICLE	IF	CITATIONS
91	Algae's sulfated polysaccharides modifications: Potential use of microbial enzymes. Process Biochemistry, 2016, 51, 989-998.	3.7	35
92	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
93	Effect of aeration and agitation on extractive fermentation of clavulanic acid by using aqueous two-phase system. Biotechnology Progress, 2016, 32, 1444-1452.	2.6	8
94	Improvement in extracellular protease production by the marine antarctic yeast <i>Rhodotorula mucilaginosa</i> L7. New Biotechnology, 2016, 33, 807-814.	4.4	30
95	Biopharmaceuticals from microorganisms: from production to purification. Brazilian Journal of Microbiology, 2016, 47, 51-63.	2.0	126
96	Recombinant L-asparaginase 1 from <i>Saccharomyces cerevisiae</i> : an allosteric enzyme with antineoplastic activity. Scientific Reports, 2016, 6, 36239.	3.3	60
97	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
98	Liquid-liquid extraction of protease from cold-adapted yeast <i>Rhodotorula mucilaginosa</i> L7 using biocompatible and biodegradable aqueous two-phase systems. Separation Science and Technology, 2016, 51, 57-67.	2.5	10
99	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
100	Bacterial nanocellulose production and application: a 10-year overview. Applied Microbiology and Biotechnology, 2016, 100, 2063-2072.	3.6	317
101	Nanostructures for protein drug delivery. Biomaterials Science, 2016, 4, 205-218.	5.4	97
102	Stability, purification, and applications of bromelain: A review. Biotechnology Progress, 2016, 32, 5-13.	2.6	106
103	Extraction of natural red colorants from the fermented broth of <i>Penicillium purpurogenum</i> using aqueous two-phase polymer systems. Biotechnology Progress, 2015, 31, 1295-1304.	2.6	11
104	Application of an aqueous two-phase micellar system to extract bromelain from pineapple (<i>Ananas comosus</i>) peel waste and analysis of bromelain stability in cosmetic formulations. Biotechnology Progress, 2015, 31, 937-945.	2.6	20
105	A biotechnology perspective of fungal proteases. Brazilian Journal of Microbiology, 2015, 46, 337-346.	2.0	224
106	Process Integration for the Disruption of <i>Candida guilliermondii</i> 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
107	Poly(N-Isopropylacrylamide)-co-Acrylamide Hydrogels for the Controlled Release of Bromelain from Agroindustrial Residues of <i>Ananas comosus</i> . Planta Medica, 2015, 81, 1719-1726.	1.3	10
108	Extraction protease expressed by <i>Penicillium fellutanum</i> from the Brazilian savanna using poly(ethylene glycol)/sodium polyacrylate/NaCl aqueous two-phase system. Biotechnology and Applied Biochemistry, 2015, 62, 806-814.	3.1	2

#	ARTICLE	IF	CITATIONS
109	Ionic liquids as a novel class of electrolytes in polymeric aqueous biphasic systems. <i>Process Biochemistry</i> , 2015, 50, 661-668.	3.7	34
110	Purification of Anti-Interleukin-6 Monoclonal Antibody Using Precipitation and Immobilized Metal-Ion Affinity Chromatography. <i>Adsorption Science and Technology</i> , 2015, 33, 191-202.	3.2	2
111	Kinetic and thermodynamic studies of a novel acid protease from <i>Aspergillus foetidus</i> . <i>International Journal of Biological Macromolecules</i> , 2015, 81, 17-21.	7.5	78
112	Optimized extraction of a single-chain variable fragment of antibody by using aqueous micellar two-phase systems. <i>Protein Expression and Purification</i> , 2015, 111, 53-60.	1.3	5
113	Marine-derived fungi: diversity of enzymes and biotechnological applications. <i>Frontiers in Microbiology</i> , 2015, 6, 269.	3.5	142
114	Extracellular serine proteases by <i>Acremonium</i> sp. L1-4B isolated from Antarctica: Overproduction using cactus pear extract with response surface methodology. <i>Biocatalysis and Agricultural Biotechnology</i> , 2015, 4, 737-744.	3.1	12
115	Liquid-liquid extraction of lipase produced by psychrotrophic yeast <i>Leucosporidium scottii</i> L117 using aqueous two-phase systems. <i>Separation and Purification Technology</i> , 2015, 156, 215-225.	7.9	30
116	Production, purification, and characterization of an extracellular acid protease from the marine Antarctic yeast <i>Rhodotorula mucilaginosa</i> L7. <i>Fungal Biology</i> , 2015, 119, 1129-1136.	2.5	46
117	Bacterial cellulose production by <i>Gluconacetobacter xylinus</i> by employing alternative culture media. <i>Applied Microbiology and Biotechnology</i> , 2015, 99, 1181-1190.	3.6	130
118	Low-cost purification of nisin from milk whey to a highly active product. <i>Food and Bioproducts Processing</i> , 2015, 93, 115-121.	3.6	15
119	Sugarcane Straw and Its Cellulose Fraction as Raw Materials for Obtainment of Textile fibers and Other Bioproducts. , 2015, , 513-533.		6
120	Singlet Molecular Oxygen Generation by Light-Activated DHN-Melanin of the Fungal Pathogen <i>Mycosphaerella fijiensis</i> in Black Sigatoka Disease of Bananas. <i>PLoS ONE</i> , 2014, 9, e91616.	2.5	71
121	Screening of wild type <i>Streptomyces</i> isolates able to overproduce clavulanic acid. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 919-928.	2.0	6
122	Biomarkers to evaluate the effects of temperature and methanol on recombinant <i>Pichia pastoris</i> . <i>Brazilian Journal of Microbiology</i> , 2014, 45, 475-483.	2.0	11
123	Antifungal activity of topical microemulsion containing a thiophene derivative. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 545-550.	2.0	19
124	The influence of pH, polyethylene glycol and polyacrylic acid on the stability of stem bromelain. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014, 50, 371-380.	1.2	16
125	Improvement of submerged culture conditions to produce colorants by <i>Penicillium purpurogenum</i> . <i>Brazilian Journal of Microbiology</i> , 2014, 45, 731-742.	2.0	24
126	HSF-1, HIF-1 and HSP90 expression on recombinant <i>Pichia pastoris</i> under fed-batch fermentation. <i>Brazilian Journal of Microbiology</i> , 2014, 45, 485-490.	2.0	9

#	ARTICLE	IF	CITATIONS
127	Influence of salts on the coexistence curve and protein partitioning in nonionic aqueous two-phase micellar systems. <i>Brazilian Journal of Chemical Engineering</i> , 2014, 31, 1057-1064.	1.3	18
128	Development and characterization of hydrogels based on natural polysaccharides: Policaju and chitosan. <i>Materials Science and Engineering C</i> , 2014, 42, 219-226.	7.3	35
129	Assessment of the effect of triton X114 on the physicochemical properties of an antibody fragment. <i>Biotechnology Progress</i> , 2014, 30, 554-561.	2.6	5
130	Inulin-type fructans: A review on different aspects of biochemical and pharmaceutical technology. <i>Carbohydrate Polymers</i> , 2014, 101, 368-378.	10.2	235
131	How does growth hormone releasing hexapeptide self-assemble in nanotubes?. <i>Soft Matter</i> , 2014, 10, 9260-9269.	2.7	7
132	PEG/NaPA aqueous two-phase systems for the purification of proteases expressed by <i>Penicillium restrictum</i> from Brazilian Savanna. <i>Process Biochemistry</i> , 2014, 49, 2305-2312.	3.7	27
133	Physico-chemical quality parameters of herbal products from <i>Agave sisalana</i> . <i>Natural Product Research</i> , 2014, 28, 1992-1999.	1.8	4
134	Design of novel aqueous micellar two-phase systems using ionic liquids as co-surfactants for the selective extraction of (bio)molecules. <i>Separation and Purification Technology</i> , 2014, 135, 259-267.	7.9	64
135	Aqueous micellar systems containing Triton X-114 and <i>Pichia pastoris</i> fermentation supernatant: A novel alternative for single chain-antibody fragment purification. <i>Separation and Purification Technology</i> , 2014, 132, 295-301.	7.9	18
136	5CN05 partitioning in an aqueous two-phase system: A new approach to the solubilization of hydrophobic drugs. <i>Process Biochemistry</i> , 2014, 49, 1555-1561.	3.7	5
137	and Its Fraction as Raw Materials for Obtainment of and Other Bioproducts. , 2014, , 1-17.		0
138	Use of sugar cane straw as a source of cellulose for textile fiber production. <i>Industrial Crops and Products</i> , 2013, 42, 189-194.	5.2	70
139	Extraction of tetracycline from fermentation broth using aqueous two-phase systems composed of polyethylene glycol and cholinium-based salts. <i>Process Biochemistry</i> , 2013, 48, 716-722.	3.7	101
140	Cellular and molecular mechanisms in the hypoxic tissue: role of HIF1 and ROS. <i>Cell Biochemistry and Function</i> , 2013, 31, 451-459.	2.9	112
141	Improving of red colorants production by a new <i>Penicillium purpurogenum</i> strain in submerged culture and the effect of different parameters in their stability. <i>Biotechnology Progress</i> , 2013, 29, 778-785.	2.6	48
142	Aqueous Two-Phase Micellar System for Nisin Extraction in the Presence of Electrolytes. <i>Food and Bioprocess Technology</i> , 2013, 6, 3456-3461.	4.7	23
143	LPS protein aggregation influences protein partitioning in aqueous two-phase micellar systems. <i>Applied Microbiology and Biotechnology</i> , 2013, 97, 6201-6209.	3.6	17
144	Different types of aqueous two-phase systems for biomolecule and bioparticle extraction and purification. <i>Biotechnology Progress</i> , 2013, 29, 1343-1353.	2.6	68

#	ARTICLE	IF	CITATIONS
145	Polymer-based alternative method to extract bromelain from pineapple peel waste. <i>Biotechnology and Applied Biochemistry</i> , 2013, 60, 527-535.	3.1	16
146	Taxonomic assessment and enzymes production by yeasts isolated from marine and terrestrial Antarctic samples. <i>Extremophiles</i> , 2013, 17, 1023-1035.	2.3	102
147	Isolation of natural red colorants from fermented broth using ionic liquid-based aqueous two-phase systems. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2013, 40, 507-516.	3.0	60
148	Bromelain purification through unconventional aqueous two-phase system (PEG/ammonium sulphate). <i>Bioprocess and Biosystems Engineering</i> , 2013, 36, 185-192.	3.4	31
149	Behavior of Triton X-114 cloud point in the presence of inorganic electrolytes. <i>Fluid Phase Equilibria</i> , 2013, 360, 435-438.	2.5	51
150	Extraction of fibrinolytic proteases from <i>Streptomyces</i> sp. DPUA1576 using PEG-phosphate aqueous two-phase systems. <i>Fluid Phase Equilibria</i> , 2013, 339, 52-57.	2.5	27
151	Single-chain antibody fragments: Purification methodologies. <i>Process Biochemistry</i> , 2013, 48, 1242-1251.	3.7	28
152	Clavulanic acid partitioning in charged aqueous two-phase micellar systems. <i>Separation and Purification Technology</i> , 2013, 103, 273-278.	7.9	16
153	Recombinants proteins for industrial uses: utilization of <i>Pichia pastoris</i> expression system. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 351-356.	2.0	37
154	Applications of recombinant <i>Pichia pastoris</i> in the healthcare industry. <i>Brazilian Journal of Microbiology</i> , 2013, 44, 1043-1048.	2.0	67
155	Submerged Culture Conditions for the Production of Alternative Natural Colorants by a New Isolated <i>Penicillium purpurogenum</i> DPUA 1275. <i>Journal of Microbiology and Biotechnology</i> , 2013, 23, 802-810.	2.1	27
156	Adsorption of endotoxins on Ca ²⁺ iminodiacetic acid by metal ion affinity chromatography. <i>Chinese Journal of Chromatography (Se Pu)</i> , 2013, 30, 1194-1202.	0.8	1
157	Partitioning and extraction of collagenase from <i>Penicillium aurantiogriseum</i> in poly(ethylene Tj ETQq1 1 0.784314,rgBT /Overlock 10	2.5	20
158	Purification of bromelain from pineapple wastes by ethanol precipitation. <i>Separation and Purification Technology</i> , 2012, 98, 389-395.	7.9	94
159	A stable liquid-liquid extraction system for clavulanic acid using polymer-based aqueous two-phase systems. <i>Separation and Purification Technology</i> , 2012, 98, 441-450.	7.9	41
160	Antimicrobial effectiveness of silver nanoparticles co-stabilized by the bioactive copolymer pluronic F68. <i>Journal of Nanobiotechnology</i> , 2012, 10, 43.	9.1	38
161	Biological and physicochemical stability of ceftazidime and aminophylline on glucose parenteral solution. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2012, 48, 691-698.	1.2	1
162	Comparison of different protocols for the extraction of microbial DNA from reef corals. <i>Brazilian Journal of Microbiology</i> , 2012, 43, 517-527.	2.0	16

#	ARTICLE	IF	CITATIONS
163	Plasmid DNA partitioning and separation using poly(ethylene glycol)/poly(acrylate)/salt aqueous two-phase systems. <i>Journal of Chromatography A</i> , 2012, 1233, 30-35.	3.7	26
164	Response of <i>Saccharomyces cerevisiae</i> to Cadmium and Nickel Stress: The Use of the Sugar Cane Vinasse as a Potential Mitigator. <i>Biological Trace Element Research</i> , 2012, 145, 71-80.	3.5	7
165	Culture medium of diluted skimmed milk for the production of nisin in batch cultivations. <i>Annals of Microbiology</i> , 2012, 62, 419-426.	2.6	13
166	Evaluation of xylanases from <i>Aspergillus niger</i> and <i>Trichoderma</i> sp. on dough rheological properties. <i>African Journal of Biotechnology</i> , 2011, 10, 9132-9136.	0.6	5
167	Kinetic analysis of batch ethanol acetylation in isothermal non-stationary multiphase systems by lyophilized mycelium of <i>Aspergillus oryzae</i> . <i>Brazilian Journal of Microbiology</i> , 2011, 42, 388-393.	2.0	0
168	Green fluorescent protein extraction and LPS removal from <i>Escherichia coli</i> fermentation medium using aqueous two-phase micellar system. <i>Separation and Purification Technology</i> , 2011, 81, 339-346.	7.9	29
169	Influence of Pluronic® F68 on Ceftazidime Biological Activity in Parenteral Solutions. <i>Journal of Pharmaceutical Sciences</i> , 2011, 100, 715-720.	3.3	7
170	Aqueous two-phase micellar systems in an oscillatory flow micro-reactor: study of perspectives and experimental performance. <i>Journal of Chemical Technology and Biotechnology</i> , 2011, 86, 1159-1165.	3.2	7
171	Citrate and phosphate influence on green fluorescent protein thermal stability. <i>Biotechnology Progress</i> , 2011, 27, 269-272.	2.6	16
172	Extractive fermentation of clavulanic acid by <i>Streptomyces</i> DAUFPE 3060 using aqueous two-phase system. <i>Biotechnology Progress</i> , 2011, 27, 95-103.	2.6	22
173	Extraction of clavulanic acid using aqueous two-phase micellar system. <i>Biotechnology and Applied Biochemistry</i> , 2011, 58, 103-108.	3.1	9
174	Investigation of charged polymer influence on green fluorescent protein thermal stability. <i>New Biotechnology</i> , 2011, 28, 391-395.	4.4	3
175	Liquid-liquid extraction by mixed micellar systems: A new approach for clavulanic acid recovery from fermented broth. <i>Biochemical Engineering Journal</i> , 2011, 56, 75-83.	3.6	42
176	Phase Diagrams of the Aqueous Two-Phase Systems of Poly(ethylene glycol)/Sodium Polyacrylate/Salts. <i>Polymers</i> , 2011, 3, 587-601.	4.5	58
177	Optimization of clavulanic acid production by <i>Streptomyces daufpe</i> 3060 by response surface methodology. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 658-667.	2.0	7
178	Processing of byproducts to improve nisin production by <i>Lactococcus lactis</i> . <i>African Journal of Biotechnology</i> , 2011, 10, .	0.6	15
179	Optimization of clavulanic acid production by <i>Streptomyces daufpe</i> 3060 by response surface methodology. <i>Brazilian Journal of Microbiology</i> , 2011, 42, 658-67.	2.0	4
180	Effect of polyethylene glycol on the thermal stability of green fluorescent protein. <i>Biotechnology Progress</i> , 2010, 26, 252-256.	2.6	17

#	ARTICLE	IF	CITATIONS
181	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
182	Screening of Variables Influencing the Clavulanic Acid Production by Streptomyces DAUFPE 3060 Strain. Applied Biochemistry and Biotechnology, 2010, 160, 1797-1807.	2.9	18
183	LPS removal from an <i>E. coli</i> fermentation broth using aqueous two-phase micellar system. Biotechnology Progress, 2010, 26, 1644-1653.	2.6	29
184	Scale-up of diluted sulfuric acid hydrolysis for producing sugarcane bagasse hemicellulosic hydrolysate (SBHH). Bioresource Technology, 2010, 101, 1247-1253.	9.6	57
185	R&D and economic growth: How strong is the link?. Economics Letters, 2010, 107, 152-154.	1.9	47
186	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
187	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
188	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
189	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
190	Comparison of oxygen mass transfer coefficient in simple and extractive fermentation systems. Biochemical Engineering Journal, 2009, 47, 122-126.	3.6	18
191	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
192	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
193	Aqueous two-phase extraction using thermoseparating copolymer: a new system for phenolic compounds removal from hemicellulosic hydrolysate. Journal of Chemical Technology and Biotechnology, 2008, 83, 167-173.	3.2	28
194	Liquid-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
195	Purification of Î±-toxin from <i>Clostridium perfringens</i> type A in PEG-phosphate aqueous two-phase systems: a factorial study. Journal of Chemical Technology and Biotechnology, 2008, 83, 158-162.	3.2	5
196	Nisin expression production from Lactococcus lactis in milk whey medium. Journal of Chemical Technology and Biotechnology, 2008, 83, 325-328.	3.2	16
197	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
198	Liquid-liquid extraction of commercial and biosynthesized nisin by aqueous two-phase micellar systems. Enzyme and Microbial Technology, 2008, 42, 107-112.	3.2	43

#	ARTICLE	IF	CITATIONS
199	Continuous extraction of β -toxin from a fermented broth of <i>Clostridium perfringens</i> Type A in perforated rotating disc contactor using aqueous two-phase PEG-phosphate system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008, 47, 1771-1776.	3.6	29
200	Protein partitioning in poly(ethylene glycol)/sodium polyacrylate aqueous two-phase systems. <i>Journal of Chromatography A</i> , 2008, 1178, 145-153.	3.7	60
201	Liquid-liquid extraction of proteases from fermented broth by PEG/citrate aqueous two-phase system. <i>Chemical Engineering and Processing: Process Intensification</i> , 2008, 47, 716-721.	3.6	119
202	Purification of Glucose Oxidase from <i>Aspergillus niger</i> by Liquid-Liquid Cationic Reversed Micelles Extraction. <i>Biotechnology Progress</i> , 2008, 21, 868-874.	2.6	9
203	Production of Glucose 6-Phosphate Dehydrogenase from Genetically Modified <i>Saccharomyces cerevisiae</i> Grown by Batch Fermentation Process. <i>Biotechnology Progress</i> , 2008, 21, 1136-1139.	2.6	10
204	Can affinity interactions influence the partitioning of glucose-6-phosphate dehydrogenase in two-phase aqueous micellar systems?. <i>Quimica Nova</i> , 2008, 31, 998-1003.	0.3	14
205	Novel Potential Drug Against <i>T. cruzi</i> and Its Interaction with Surfactant Micelles. <i>Pharmaceutical Development and Technology</i> , 2007, 12, 183-192.	2.4	8
206	Micelas reversas de lecitina de soja: uma alternativa para purificação de proteases. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2007, 43, 481-487.	0.5	1
207	Partial purification of glucose-6-phosphate dehydrogenase by aqueous two-phase poly(ethyleneglycol)/phosphate systems. <i>Brazilian Journal of Microbiology</i> , 2007, 38, 78-83.	2.0	8
208	New combined kinetic and thermodynamic approach to model glucose-6-phosphate dehydrogenase activity and stability. <i>Enzyme and Microbial Technology</i> , 2007, 40, 849-858.	3.2	20
209	Fed-batch culture of recombinant <i>Saccharomyces cerevisiae</i> for glucose 6-phosphate dehydrogenase production. <i>Biochemical Engineering Journal</i> , 2007, 33, 248-252.	3.6	14
210	Continuous counter-current purification of glucose-6-phosphate dehydrogenase using liquid-liquid extraction by reverse micelles. <i>Biochemical Engineering Journal</i> , 2007, 34, 236-241.	3.6	14
211	Response surface methodology for the evaluation of glucose-6-phosphate dehydrogenase enrichment process by soybean lecithin reversed micelles. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 847, 262-266.	2.3	15
212	Removal of proteases from <i>Clostridium perfringens</i> fermented broth by aqueous two-phase systems (PEG/citrate). <i>Journal of Industrial Microbiology and Biotechnology</i> , 2007, 34, 547-552.	3.0	28
213	Nisin production utilizing skimmed milk aiming to reduce process cost. <i>Applied Biochemistry and Biotechnology</i> , 2007, 137-140, 515-528.	2.9	22
214	Fed-Batch production of glucose 6-Phosphate dehydrogenase using recombinant <i>saccharomyces cerevisiae</i> . <i>Applied Biochemistry and Biotechnology</i> , 2007, 137-140, 711-720.	2.9	2
215	Fed-Batch Production of Glucose 6-Phosphate Dehydrogenase Using Recombinant <i>Saccharomyces cerevisiae</i> . , 2007, , 711-720.		1
216	Methods of endotoxin removal from biological preparations: a review. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007, 10, 388-404.	2.1	259

#	ARTICLE	IF	CITATIONS
217	Experimental and Theoretical Investigation of the Micellar-Assisted Solubilization of Ibuprofen in Aqueous Media. <i>Langmuir</i> , 2006, 22, 1514-1525.	3.5	79
218	Evaluation of the activated charcoals and adsorption conditions used in the treatment of sugarcane bagasse hydrolysate for xylitol production. <i>Brazilian Journal of Chemical Engineering</i> , 2006, 23, 9-21.	1.3	49
219	Kinetic and Thermodynamic Investigation on Ascorbate Oxidase Activity and Stability of a <i>Cucurbita maxima</i> Extract. <i>Biotechnology Progress</i> , 2006, 22, 1637-1642.	2.6	9
220	Optimization of glucose-6-phosphate dehydrogenase releasing from <i>Candida guilliermondii</i> by disruption with glass beads. <i>Enzyme and Microbial Technology</i> , 2006, 39, 591-595.	3.2	17
221	Glucose-6-phosphate dehydrogenase and xylitol production by <i>Candida guilliermondii</i> FTI 20037 using statistical experimental design. <i>Process Biochemistry</i> , 2006, 41, 631-637.	3.7	18
222	Aqueous two-phase systems extraction of Î±-toxin from <i>Clostridium perfringens</i> type A. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2006, 833, 135-140.	2.3	51
223	Effect of carbon:nitrogen ratio (C:N) and substrate source on glucose-6-phosphate dehydrogenase (G6PDH) production by recombinant <i>Saccharomyces cerevisiae</i> . <i>Journal of Food Engineering</i> , 2006, 75, 96-103.	5.2	14
224	Detection of Nisin Expression by <i>Lactococcus lactis</i> Using Two Susceptible Bacteria to Associate the Effects of Nisin With EDTA. <i>Applied Biochemistry and Biotechnology</i> , 2006, 129, 334-346.	2.9	11
225	Enhanced Xylitol Production by Precultivation of <i>Candida guilliermondii</i> Cells in Sugarcane Bagasse Hemicellulosic Hydrolysate. <i>Current Microbiology</i> , 2006, 53, 53-59.	2.2	52
226	Affinity-tagged green fluorescent protein (GFP) extraction from a clarified <i>E. coli</i> cell lysate using a two-phase aqueous micellar system. <i>Biotechnology and Bioengineering</i> , 2006, 93, 998-1004.	3.3	29
227	Detection of Nisin Expression by <i>Lactococcus lactis</i> Using Two Susceptible Bacteria to Associate the Effects of Nisin With EDTA. , 2006, , 334-346.		3
228	Kinetic and Thermodynamic Investigation on Ascorbate Oxidase Activity and Stability of a <i>Cucurbita maxima</i> Extract. <i>Biotechnology Progress</i> , 2006, 22, 1637-1642.	2.6	26
229	Characterization of xylose reductase extracted by CTAB-reversed micelles from <i>Candida guilliermondii</i> homogenate. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2006, 42, 251-257.	0.5	3
230	Perspectives on Bioenergy and Biotechnology in Brazil. <i>Applied Biochemistry and Biotechnology</i> , 2005, 121, 0059-0070.	2.9	41
231	Production of Nisin by <i>Lactococcus lactis</i> in Media with Skimmed Milk. <i>Applied Biochemistry and Biotechnology</i> , 2005, 122, 0619-0638.	2.9	34
232	Micellar solubilization of ibuprofen: influence of surfactant head groups on the extent of solubilization. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2005, 41, 237.	0.5	22
233	Liquid-liquid extraction of commercial glucose oxidase by reversed micelles. <i>Journal of Biotechnology</i> , 2005, 116, 411-416.	3.8	11
234	Production of Nisin by <i>Lactococcus lactis</i> in Media with Skimmed Milk. , 2005, , 619-637.		2

#	ARTICLE	IF	CITATIONS
235	Reactores enzimáticos. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2005, 41, .	0.5	0
236	Micellar solubilization of drugs. Journal of Pharmacy and Pharmaceutical Sciences, 2005, 8, 147-65.	2.1	299
237	Two-phase aqueous micellar systems: an alternative method for protein purification. Brazilian Journal of Chemical Engineering, 2004, 21, 531-544.	1.3	52
238	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
239	Thermal Stability of Recombinant Green Fluorescent Protein (GFPuv) at Various pH Values. Applied Biochemistry and Biotechnology, 2004, 114, 469-484.	2.9	26
240	Optimized extraction by cetyl trimethyl ammonium bromide reversed micelles of xylose reductase and xylitol dehydrogenase from <i>Candida guilliermondii</i> homogenate. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 807, 47-54.	2.3	18
241	Bromelain partitioning in two-phase aqueous systems containing PEO-PPO-PEO block copolymers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 807, 61-68.	2.3	86
242	Liquid-liquid extraction of xylitol dehydrogenase from <i>Candida guilliermondii</i> homogenate by reversed micelles. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2004, 807, 55-60.	2.3	11
243	Large scale purification of <i>Clostridium perfringens</i> toxins: a review. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2004, 40, 151-164.	0.5	13
244	Evaluation of Recombinant Green Fluorescent Protein, Under Various Culture Conditions and Purification with HiTrap Hydrophobic Interaction Chromatography Resins. , 2004, , 453-468.		0
245	Thermal Stability of Recombinant Green Fluorescent Protein (GFPuv) at Various pH Values. , 2004, , 469-483.		0
246	Permeation Associated with Three-Phase-Partitioning Method on Release of Green Fluorescent Protein. Applied Biochemistry and Biotechnology, 2003, 107, 481-492.	2.9	10
247	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
248	Two-Phase Systems with Free Triazine Dyes as Affinity Ligands. Applied Biochemistry and Biotechnology, 2003, 108, 853-866.	2.9	7
249	Glucose-6-phosphate dehydrogenase partitioning in two-phase aqueous mixed (nonionic/cationic) micellar systems. Biotechnology and Bioengineering, 2003, 82, 445-456.	3.3	44
250	Kinetic and thermodynamic aspects of glucose-6-phosphate dehydrogenase activity and synthesis. Enzyme and Microbial Technology, 2003, 32, 107-113.	3.2	22
251	Effect of Flow Rate Pattern on Glucose-6-phosphate Dehydrogenase Synthesis in Fed-Batch Culture of Recombinant <i>Saccharomyces cerevisiae</i> . Biotechnology Progress, 2003, 19, 320-324.	2.6	11
252	Liquid-liquid extraction of enzymes by affinity aqueous two-phase systems. Brazilian Archives of Biology and Technology, 2003, 46, 741-750.	0.5	19

#	ARTICLE	IF	CITATIONS
253	Determination of cloud-point temperatures for different copolymers. Brazilian Journal of Chemical Engineering, 2003, 20, 335-337.	1.3	14
254	Permeation Associated with Three-Phase-Partitioning Method on Release of Green Fluorescent Protein. , 2003, , 481-491.		0
255	Optimization of Î ² -xylosidase recovery by reversed micelles using response surface methodology. Electronic Journal of Biotechnology, 2003, 6, .	2.2	0
256	Unit operations in food engineering. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2003, 39, 468-468.	0.5	0
257	Influence 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
258	OtimizaÃ§Ã£o do processo de extraÃ§Ã£o de Î ² -xilosidase por sistemas micelares reversos. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2002, 38, 451-456.	0.5	0
259	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
260	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
261	Effect of k _L 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
262	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
263	Intracellular Release of Recombinant Green Fluorescent Protein (gfp _{uv}) from Escherichia coli. Applied Biochemistry and Biotechnology, 2002, 98-100, 791-802.	2.9	21
264	Effect of pH on the Stability of Hexokinase and Glucose 6-Phosphate Dehydrogenase. , 2002, , 265-272.		0
265	BiocatalisaÃ§Ã£o. BJPS: Brazilian Journal of Pharmaceutical Sciences, 2002, 38, 246-246.	0.5	0
266	Overexpression of Glucose-6-Phosphate Dehydrogenase in Genetically Modified Saccharomyces cerevisiae. Applied Biochemistry and Biotechnology, 2001, 91-93, 161-170.	2.9	18
267	Effect of Agitation and Aeration on Production of Hexokinase by Saccharomyces cerevisiae. Applied Biochemistry and Biotechnology, 2001, 91-93, 605-614.	2.9	9
268	Screening of Variables in Î ² -Xylosidase Recovery Using Cetyl Trimethyl Ammonium Bromide Reversed Micelles. Applied Biochemistry and Biotechnology, 2001, 91-93, 719-728.	2.9	6
269	Extraction by Reversed Micelles of the Intracellular Enzyme Xylose Reductase. Applied Biochemistry and Biotechnology, 2001, 91-93, 753-760.	2.9	17
270	Extraction by Reversed Micelles of the Intracellular Enzyme Xylose Reductase. , 2001, , 753-759.		0

#	ARTICLE	IF	CITATIONS
271	Screening of Variables in $\hat{\Gamma}^2$ -Xylosidase Recovery Using Cetyl Trimethyl Ammonium Bromide Reversed Micelles. , 2001, , 719-728.		2
272	Partitioning of xylanolytic complex from <i>Penicillium janthinellum</i> by an aqueous two-phase system. <i>Biomedical Applications</i> , 2000, 743, 339-348.	1.7	18
273	$\hat{\Gamma}^2$ -Xylosidase Recovery by Reversed Micelles. <i>Applied Biochemistry and Biotechnology</i> , 2000, 84-86, 1101-1112.	2.9	9
274	Liquid-liquid extraction by reversed micelles in biotechnological processes. <i>Brazilian Journal of Chemical Engineering</i> , 2000, 17, 29-38.	1.3	45
275	$\hat{\Gamma}^2$ -Xylosidase Recovery by Reversed Micelles. , 2000, , 1101-1111.		0
276	Xylanase and $\hat{\Gamma}^2$ -xylosidase separation by fractional precipitation. <i>Process Biochemistry</i> , 1999, 35, 277-283.	3.7	32
277	Optimization of pH and temperature for $\hat{\Gamma}^2$ -xylosidase recovery by reversed micelles. <i>Biotechnology Letters</i> , 1999, 13, 239-242.	0.5	10
278	Screening of Variables in Xylanase Recovery Using BDBAC Reversed Micelles. <i>Applied Biochemistry and Biotechnology</i> , 1999, 79, 779-788.	2.9	13
279	Xylanase recovery: effect of extraction conditions on the AOT-reversed micellar systems using experimental design. <i>Process Biochemistry</i> , 1999, 34, 121-125.	3.7	19
280	Selective recovery of xylanase from <i>Penicillium janthinellum</i> using BDBAC reversed micelles. <i>Acta Biotechnologica</i> , 1999, 19, 157-161.	0.9	5
281	Inulinase from <i>Kluyveromyces marxianus</i> : culture medium composition and enzyme extraction. <i>Brazilian Journal of Chemical Engineering</i> , 1999, 16, 237-245.	1.3	26
282	Evaluation of cross-flow microfiltration membranes using a rotary disc-filter. <i>Process Biochemistry</i> , 1998, 33, 39-45.	3.7	23
283	Recovery of inulinase using BDBAC reversed micelles. <i>Process Biochemistry</i> , 1998, 33, 291-297.	3.7	44
284	Downstream processing of inulinase. <i>Applied Biochemistry and Biotechnology</i> , 1998, 70-72, 505-511.	2.9	9
285	Xylanase recovery effect of extraction conditions on the aqueous two-phase system using experimental design. <i>Applied Biochemistry and Biotechnology</i> , 1998, 70-72, 629-639.	2.9	16
286	Xylanase recovery by ethanol and Na ₂ SO ₄ precipitation. <i>Applied Biochemistry and Biotechnology</i> , 1998, 70-72, 661-666.	2.9	3
287	Downstream Processing of Inulinase Comparison of Different Techniques. , 1998, , 505-511.		2
288	Evaluation of sugar cane hemicellulose hydrolyzate for cultivation of yeasts and filamentous fungi. <i>Journal of Industrial Microbiology and Biotechnology</i> , 1997, 18, 360-363.	3.0	33

#	ARTICLE	IF	CITATIONS
289	Separation of inulinase from <i>Kluyveromyces marxianus</i> using reversed micellar extraction. <i>Biotechnology Letters</i> , 1997, 11, 421-422.	0.5	38
290	Cultivation of <i>Candida tropicalis</i> in sugar cane hemicellulosic hydrolyzate for microbial protein production. <i>Journal of Biotechnology</i> , 1996, 51, 83-88.	3.8	70
291	Recovery of extracellular inulinase by expanded bed adsorption. <i>Journal of Biotechnology</i> , 1996, 51, 89-95.	3.8	22
292	Use of $K_L a$ as a criterion for scaling up the inulinase fermentation process. <i>Applied Biochemistry and Biotechnology</i> , 1996, 57-58, 699-709.	2.9	7
293	Xylose reductase and xylitol dehydrogenase activities of D-xylose-xylitol-fermenting <i>Candida guilliermondii</i> . <i>Journal of Basic Microbiology</i> , 1996, 36, 187-191.	3.3	31
294	Nisin. , 0, , .		9
295	Polimerossomos versus lipossomos: a evolu�o da "Bala M�gica". <i>Quimica Nova</i> , 0, , .	0.3	6
296	Engineered Asparaginase from <i>Erwinia chrysanthemi</i> enhances asparagine hydrolase activity and diminishes enzyme immunoreactivity. <i>Journal of Chemical Technology and Biotechnology</i> , 0, , .	3.2	8