Adalberto Pessoa

List of Publications by Year
in descending order

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296 papers	8,400 citations	57631 44 h-index	76769 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 Phaffia rhodozyma yeast. Critical Reviews in Food Science and Nutrition, 2023, 63, 1862-1876.	5.4	27
2	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.	5.4	10
3	Structural and functional diversity of asparaginases: Overview and recommendations for a revised nomenclature. Biotechnology and Applied Biochemistry, 2022, 69, 503-513.	1.4	14
4	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.	4.8	22
5	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.	4.6	30
6	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.	3.9	22
7	L-Asparaginase from Penicillium sizovae Produced by a Recombinant Komagataella phaffii Strain. Pharmaceuticals, 2022, 15, 746.	1.7	5
8	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.	1.6	10
9	Antarctic fungus proteases generate bioactive peptides from caseinate. Food Research International, 2021, 139, 109944.	2.9	9
10	Compartmentalization of therapeutic proteins into semi-crystalline PEG-PCL polymersomes. Soft Materials, 2021, 19, 222-230.	0.8	12
11	Glutaminase-free L-asparaginase production byLeucosporidium muscorumisolated from Antarctic marine-sediment. Preparative Biochemistry and Biotechnology, 2021, 51, 277-288.	1.0	16
12	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.	0.8	2
13	Laccases produced by Peniophora from marine and terrestrial origin: A comparative study. Biocatalysis and Agricultural Biotechnology, 2021, 35, 102066.	1.5	1
14	Filamentous Fungi Producing l-Asparaginase with Low Glutaminase Activity Isolated from Brazilian Savanna Soil. Pharmaceutics, 2021, 13, 1268.	2.0	10
15	Increased glycosylated l-asparaginase production through selection of Pichia pastoris platform and oxygen-methanol control in fed-batches. Biochemical Engineering Journal, 2021, 173, 108083.	1.8	10
16	Sequencing and characterization of an L-asparaginase gene from a new species of Penicillium section Citrina isolated from Cerrado. Scientific Reports, 2021, 11, 17861.	1.6	8
17	Tackling Ischemic Reperfusion Injury With the Aid of Stem Cells and Tissue Engineering. Frontiers in Physiology, 2021, 12, 705256.	1.3	16
18	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.	1.6	7

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19	Development of Processes for Recombinant L-Asparaginase II Production by Escherichia coli Bl21 (De3): From Shaker to Bioreactors. Pharmaceutics, 2021, 13, 14.	2.0	4
20	From green to blue economy: Marine biorefineries for a sustainable ocean-based economy. Green Chemistry, 2021, 23, 9377-9400.	4.6	17
21	Aqueous extracts of Agave sisalana boles have prebiotic potential. Natural Product Research, 2020, 34, 2367-2371.	1.0	2
22	Protein drug delivery: current dosage form profile and formulation strategies. Journal of Drug Targeting, 2020, 28, 339-355.	2.1	29
23	A novel multiple reactor system for the long-term production of L-asparaginase by Penicillium sp. LAMAI 505. Process Biochemistry, 2020, 90, 23-31.	1.8	6
24	Influence of lysosomal protease sensitivity in the immunogenicity of the antitumor biopharmaceutical asparaginase. Biochemical Pharmacology, 2020, 182, 114230.	2.0	6
25	<scp>l</scp>-Asparaginase Encapsulation into Asymmetric Permeable Polymersomes. ACS Macro Letters, 2020, 9, 1471-1477.	2.3	15
26	Biopharmaceutical development, production, and quality. , 2020, , 69-89.		0
27	L-asparaginase Production by Leucosporidium scottii in a Bench-Scale Bioreactor With Co-production of Lipids. Frontiers in Bioengineering and Biotechnology, 2020, 8, 576511.	2.0	13
28	Glycosylation of Erwinase results in active protein less recognized by antibodies. Biochemical Engineering Journal, 2020, 163, 107750.	1.8	12
29	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	1.7	1
30	Exploring the benefits of nanotechnology for cancer drugs in different stages of the drug development pipeline. Nanomedicine, 2020, 15, 2539-2542.	1.7	14
31	Microbial Colorants Production in Stirred-Tank Bioreactor and Their Incorporation in an Alternative Food Packaging Biomaterial. Journal of Fungi (Basel, Switzerland), 2020, 6, 264.	1.5	14
32	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.	0.8	14
33	L-asparaginase and Biosurfactants Produced by Extremophile Yeasts from Antarctic Environments. Industrial Biotechnology, 2020, 16, 107-116.	0.5	12
34	Immunogenicity assessment of fungal l-asparaginases: an in silico approach. SN Applied Sciences, 2020, 2, 1.	1.5	5
35	Tailoring Protein PEGylation Reaction: An Undergraduate Laboratory Experiment. Journal of Chemical Education, 2020, 97, 1443-1447.	1.1	0
36	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.	1.1	9

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37	Glycosylation of L-asparaginase from E. coli through yeast expression and site-directed mutagenesis. Biochemical Engineering Journal, 2020, 156, 107516.	1.8	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. Blood Reviews, 2020, 43, 100651.	2.8	32
39	Biopharmaceutical molecules. , 2020, , 31-68.		1
40	PrecipitaÃ§Ã£o de proteÃnas. , 2020, , 201-240.		0
41	ExtraÃ§Ã£o lÃquido-lÃquido 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. Separation and Purification Technology, 2019, 210, 69-79.	3.9	8
43	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.	1.5	14
44	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.	1.7	19
45	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.	0.7	3
46	Biosurfactant production by yeasts from different types of soil of the South Shetland Islands (Maritime Antarctica). Journal of Applied Microbiology, 2019, 126, 1402-1413.	1.4	8
47	Fed-Batch Production of Saccharomyces cerevisiae L-Asparaginase II by Recombinant Pichia pastoris MUTs Strain. Frontiers in Bioengineering and Biotechnology, 2019, 7, 16.	2.0	23
48	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.	1.0	3
49	Interferences that impact measuring optimal l-asparaginase activity and consequent errors interpreting these data. Applied Microbiology and Biotechnology, 2019, 103, 5161-5166.	1.7	7
50	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.	1.0	15
51	A structural in silico analysis of the immunogenicity of l-asparaginase from Escherichia coli and Erwinia carotovora. Biologicals, 2019, 59, 47-55.	0.5	19
52	Effect of osmolytes on the activity of anti-cancer enzyme L-Asparaginase II from Erwinia chrysanthemi. Process Biochemistry, 2019, 81, 123-131.	1.8	18
53	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.	1.9	27
54	Novel site-specific PEGylated L-asparaginase. PLoS ONE, 2019, 14, e0211951.	1.1	26

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55	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.	1.4	18
56	From Synthesis to Characterization of Site-Selective PEGylated Proteins. Frontiers in Pharmacology, 2019, 10, 1450.	1.6	29
57	An integrated process combining the reaction and purification of PEGylated proteins. Green Chemistry, 2019, 21, 6407-6418.	4.6	5
58	Production of a novel Nâ€terminal PEGylated crisantaspase. Biotechnology and Applied Biochemistry, 2019, 66, 281-289.	1.4	11
59	Marine prebiotics: Polysaccharides and oligosaccharides obtained by using microbial enzymes. Food Chemistry, 2019, 280, 175-186.	4.2	93
60	Poly (lactic-co-glycolic acid) nanospheres allow for high l-asparaginase encapsulation yield and activity. Materials Science and Engineering C, 2019, 98, 524-534.	3.8	15
61	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.	1.0	14
62	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.	0.8	6
63	Laccase production in bioreactor scale under saline condition by the marine-derived basidiomycete Peniophora sp. CBMAI 1063. Fungal Biology, 2018, 122, 302-309.	1.1	26
64	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.	2.5	16
65	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.	1.6	31
66	Liquidâ€“liquid extraction of biopharmaceuticals from fermented broth: trends and future prospects. Journal of Chemical Technology and Biotechnology, 2018, 93, 1845-1863.	1.6	35
67	Expression of Glycosylated Proteins in Bacterial System and Purification by Affinity Chromatography. Methods in Molecular Biology, 2018, 1674, 183-191.	0.4	1
68	Cold-adapted enzymes produced by fungi from terrestrial and marine Antarctic environments. Critical Reviews in Biotechnology, 2018, 38, 600-619.	5.1	106
69	Application of aqueous twoâ€phase micellar system to improve extraction of adenoviral particles from cell lysate. Biotechnology and Applied Biochemistry, 2018, 65, 381-389.	1.4	6
70	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.	1.7	21
71	A critical analysis of L-asparaginase activity quantification methodsâ€"colorimetric methods versus high-performance liquid chromatography. Analytical and Bioanalytical Chemistry, 2018, 410, 6985-6990.	1.9	20
72	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.	0.8	24

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73	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.	3.3	27
74	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.	3.9	22
75	Influence and effect of osmolytes in biopharmaceutical formulations. European Journal of Pharmaceutics and Biopharmaceutics, 2018, 131, 92-98.	2.0	26
76	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.	1.9	21
77	Microbial cell disruption methods for efficient release of enzyme L-asparaginase. Preparative Biochemistry and Biotechnology, 2018, 48, 707-717.	1.0	20
78	Development of L-Asparaginase Biobetters: Current Research Status and Review of the Desirable Quality Profiles. Frontiers in Bioengineering and Biotechnology, 2018, 6, 212.	2.0	119
79	Therapeutic<scp>l</scp>-asparaginase: upstream, downstream and beyond. Critical Reviews in Biotechnology, 2017, 37, 82-99.	5.1	109
80	L-Asparaginase Purification. Separation and Purification Reviews, 2017, 46, 35-43.	2.8	20
81	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.	0.8	13
82	Production, purification and characterization of an aspartic protease from Aspergillus foetidus. Food and Chemical Toxicology, 2017, 109, 1103-1110.	1.8	56
83	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.	1.7	33
84	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.	1.7	23
85	Optimization and purification of l -asparaginase from fungi: A systematic review. Critical Reviews in Oncology/Hematology, 2017, 120, 194-202.	2.0	35
86	Extraction, isolation and characterization of inulin from Agave sisalana boles. Industrial Crops and Products, 2017, 108, 355-362.	2.5	54
87	Heterologous expression and purification of active Lâ€asparaginase I of Saccharomyces cerevisiae in Escherichia coli host. Biotechnology Progress, 2017, 33, 416-424.	1.3	13
88	Fibers Obtained from Alginate, Chitosan and Hybrid Used in the Development of Scaffolds. Materials Research, 2017, 20, 377-386.	0.6	34
89	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
90	Draft Genome Sequence of Marine-Derived Aeromonas caviae CHZ306, a Potential Chitinase Producer Strain. Genome Announcements, 2016, 4, .	0.8	1

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91	â€œAlgaeâ€™s sulfated polysaccharides modifications: Potential use of microbial enzymesâ€• Process Biochemistry, 2016, 51, 989-998.	1.8	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.	0.7	1
93	Effect of aeration and agitation on extractive fermentation of clavulanic acid by using aqueous twoâ€phase system. Biotechnology Progress, 2016, 32, 1444-1452.	1.3	8
94	Improvement in extracellular protease production by the marine antarctic yeast Rhodotorula mucilaginosa L7. New Biotechnology, 2016, 33, 807-814.	2.4	30
95	Biopharmaceuticals from microorganisms: from production to purification. Brazilian Journal of Microbiology, 2016, 47, 51-63.	0.8	126
96	Recombinant L-asparaginase 1 from Saccharomyces cerevisiae: an allosteric enzyme with antineoplastic activity. Scientific Reports, 2016, 6, 36239.	1.6	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.	1.8	41
98	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.	1.3	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.	3.9	16
100	Bacterial nanocellulose production and application: a 10-year overview. Applied Microbiology and Biotechnology, 2016, 100, 2063-2072.	1.7	317
101	Nanostructures for protein drug delivery. Biomaterials Science, 2016, 4, 205-218.	2.6	97
102	Stability, purification, and applications of bromelain: A review. Biotechnology Progress, 2016, 32, 5-13.	1.3	106
103	Extraction of natural red colorants from the fermented broth ofPenicillium purpurogenumusing aqueous two-phase polymer systems. Biotechnology Progress, 2015, 31, 1295-1304.	1.3	11
104	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.	1.3	20
105	A biotechnology perspective of fungal proteases. Brazilian Journal of Microbiology, 2015, 46, 337-346.	0.8	224
106	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.	1.4	2
107	Poly(N-Isopropylacrylamide)-co-Acrylamide Hydrogels for the Controlled Release of Bromelain from Agroindustrial Residues of Ananas comosus. Planta Medica, 2015, 81, 1719-1726.	0.7	10
108	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.	1.4	2

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109	Ionic liquids as a novel class of electrolytes in polymeric aqueous biphasic systems. Process Biochemistry, 2015, 50, 661-668.	1.8	34
110	Purification of Anti-Interleukin-6 Monoclonal Antibody Using Precipitation and Immobilized Metal-Ion Affinity Chromatography. Adsorption Science and Technology, 2015, 33, 191-202.	1.5	2
111	Kinetic and thermodynamic studies of a novel acid protease from Aspergillus foetidus. International Journal of Biological Macromolecules, 2015, 81, 17-21.	3.6	78
112	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.	0.6	5
113	Marine-derived fungi: diversity of enzymes and biotechnological applications. Frontiers in Microbiology, 2015, 6, 269.	1.5	142
114	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.	1.5	12
115	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.	3.9	30
116	Production, purification, and characterization of an extracellular acid protease from the marine Antarctic yeast Rhodotorula mucilaginosa L7. Fungal Biology, 2015, 119, 1129-1136.	1.1	46
117	Bacterial cellulose production by Gluconacetobacter xylinus by employing alternative culture media. Applied Microbiology and Biotechnology, 2015, 99, 1181-1190.	1.7	130
118	Low-cost purification of nisin from milk whey to a highly active product. Food and Bioproducts Processing, 2015, 93, 115-121.	1.8	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 Mycosphaerella fijiensis in Black Sigatoka Disease of Bananas. PLoS ONE, 2014, 9, e91616.	1.1	71
121	Screening of wild type Streptomyces isolates able to overproduce clavulanic acid. Brazilian Journal of Microbiology, 2014, 45, 919-928.	0.8	6
122	Biomarkers to evaluate the effects of temperature and methanol on recombinant Pichia pastoris. Brazilian Journal of Microbiology, 2014, 45, 475-483.	0.8	11
123	Antifungal activity of topical microemulsion containing a thiophene derivative. Brazilian Journal of Microbiology, 2014, 45, 545-550.	0.8	19
124	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
125	Improvement of submerged culture conditions to produce colorants by Penicillium purpurogenum. Brazilian Journal of Microbiology, 2014, 45, 731-742.	0.8	24
126	HSF-1, HIF-1and HSP90 expression on recombinant Pichia pastoris under fed-batch fermentation. Brazilian Journal of Microbiology, 2014, 45, 485-490.	0.8	9

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127	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.	0.7	18
128	Development and characterization of hydrogels based on natural polysaccharides: Policaju and chitosan. Materials Science and Engineering C, 2014, 42, 219-226.	3.8	35
129	Assessment of the effect of triton Xâ€114 on the physicochemical properties of an antibody fragment. Biotechnology Progress, 2014, 30, 554-561.	1.3	5
130	Inulin-type fructans: A review on different aspects of biochemical and pharmaceutical technology. Carbohydrate Polymers, 2014, 101, 368-378.	5.1	235
131	How does growth hormone releasing hexapeptide self-assemble in nanotubes?. Soft Matter, 2014, 10, 9260-9269.	1.2	7
132	PEG/NaPA aqueous two-phase systems for the purification of proteases expressed by Penicillium restrictum from Brazilian Savanna. Process Biochemistry, 2014, 49, 2305-2312.	1.8	27
133	Physico-chemical quality parameters of herbal products fromAgave sisalana. Natural Product Research, 2014, 28, 1992-1999.	1.0	4
134	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.	3.9	64
135	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.	3.9	18
136	5CN05 partitioning in an aqueous two-phase system: A new approach to the solubilization of hydrophobic drugs. Process Biochemistry, 2014, 49, 1555-1561.	1.8	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. Industrial Crops and Products, 2013, 42, 189-194.	2.5	70
139	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.	1.8	101
140	Cellular and molecular mechanisms in the hypoxic tissue: role of HIFâ€1 and ROS. Cell Biochemistry and Function, 2013, 31, 451-459.	1.4	112
141	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.	1.3	48
142	Aqueous Two-Phase Micellar System for Nisin Extraction in the Presence of Electrolytes. Food and Bioprocess Technology, 2013, 6, 3456-3461.	2.6	23
143	LPSâ€“protein aggregation influences protein partitioning in aqueous two-phase micellar systems. Applied Microbiology and Biotechnology, 2013, 97, 6201-6209.	1.7	17
144	Different types of aqueous twoâ€phase systems for biomolecule and bioparticle extraction and purification. Biotechnology Progress, 2013, 29, 1343-1353.	1.3	68

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145	Polymerâ€based alternative method to extract bromelain from pineapple peel waste. Biotechnology and Applied Biochemistry, 2013, 60, 527-535.	1.4	16
146	Taxonomic assessment and enzymes production by yeasts isolated from marine and terrestrial Antarctic samples. Extremophiles, 2013, 17, 1023-1035.	0.9	102
147	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.	1.4	60
148	Bromelain purification through unconventional aqueous two-phase system (PEG/ammonium sulphate). Bioprocess and Biosystems Engineering, 2013, 36, 185-192.	1.7	31
149	Behavior of Triton X-114 cloud point in the presence of inorganic electrolytes. Fluid Phase Equilibria, 2013, 360, 435-438.	1.4	51
150	Extraction of fibrinolytic proteases from Streptomyces sp. DPUA1576 using PEG-phosphate aqueous two-phase systems. Fluid Phase Equilibria, 2013, 339, 52-57.	1.4	27
151	Single-chain antibody fragments: Purification methodologies. Process Biochemistry, 2013, 48, 1242-1251.	1.8	28
152	Clavulanic acid partitioning in charged aqueous two-phase micellar systems. Separation and Purification Technology, 2013, 103, 273-278.	3.9	16
153	Recombinants proteins for industrial uses: utilization of Pichia pastoris expression system. Brazilian Journal of Microbiology, 2013, 44, 351-356.	0.8	37
154	Applications of recombinant Pichia pastoris in the healthcare industry. Brazilian Journal of Microbiology, 2013, 44, 1043-1048.	0.8	67
155	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.	0.9	27
156	Adsorption of endotoxins on Ca2+ iminodiacetic acid by metal ion affinity chromatography. Chinese Journal of Chromatography (Se Pu), 2013, 30, 1194-1202.	0.1	1
157	Partitioning and extraction of collagenase from Penicillium aurantiogriseum in poly(ethylene) Tj ETQq1 1 0.784314 rgBT /Overlock 10	1.4	20
158	Purification of bromelain from pineapple wastes by ethanol precipitation. Separation and Purification Technology, 2012, 98, 389-395.	3.9	94
159	A stable liquidâ€“liquid extraction system for clavulanic acid using polymer-based aqueous two-phase systems. Separation and Purification Technology, 2012, 98, 441-450.	3.9	41
160	Antimicrobial effectiveness of silver nanoparticles co-stabilized by the bioactive copolymer pluronic F68. Journal of Nanobiotechnology, 2012, 10, 43.	4.2	38
161	Biological and physicochemical stability of ceftazidime and aminophylline on glucose parenteral solution. Brazilian Journal of Pharmaceutical Sciences, 2012, 48, 691-698.	1.2	1
162	Comparison of different protocols for the extraction of microbial DNA from reef corals. Brazilian Journal of Microbiology, 2012, 43, 517-527.	0.8	16

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