

AndrÃ© Moreni Lopes

List of Publications by Year in descending order

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47
papers

1,735
citations

394421

19
h-index

276875

41
g-index

51
all docs

51
docs citations

51
times ranked

2703
citing authors

#	ARTICLE	IF	CITATIONS
1	Bacterial nanocellulose production and application: a 10-year overview. <i>Applied Microbiology and Biotechnology</i> , 2016, 100, 2063-2072.	3.6	317
2	Methods of endotoxin removal from biological preparations: a review. <i>Journal of Pharmacy and Pharmaceutical Sciences</i> , 2007, 10, 388-404.	2.1	259
3	Liquid-liquid extraction of biomolecules: an overview and update of the main techniques. <i>Journal of Chemical Technology and Biotechnology</i> , 2008, 83, 143-157.	3.2	191
4	Therapeutic-asparaginase: upstream, downstream and beyond. <i>Critical Reviews in Biotechnology</i> , 2017, 37, 82-99.	9.0	109
5	Stability, purification, and applications of bromelain: A review. <i>Biotechnology Progress</i> , 2016, 32, 5-13.	2.6	106
6	Nanostructures for protein drug delivery. <i>Biomaterials Science</i> , 2016, 4, 205-218.	5.4	97
7	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
8	Liquid-liquid extraction of commercial and biosynthesized nisin by aqueous two-phase micellar systems. <i>Enzyme and Microbial Technology</i> , 2008, 42, 107-112.	3.2	43
9	Curcumin encapsulation in nanostructures for cancer therapy: A 10-year overview. <i>International Journal of Pharmaceutics</i> , 2021, 604, 120534.	5.2	32
10	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
11	LPS removal from an <i>E. coli</i> fermentation broth using aqueous two-phase micellar system. <i>Biotechnology Progress</i> , 2010, 26, 1644-1653.	2.6	29
12	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
13	Doxorubicin nanoformulations on therapy against cancer: An overview from the last 10 years. <i>Materials Science and Engineering C</i> , 2022, 133, 112623.	7.3	26
14	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
15	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
16	Separation and purification of curcumin using novel aqueous two-phase micellar systems composed of amphiphilic copolymer and cholinium ionic liquids. <i>Separation and Purification Technology</i> , 2020, 250, 117262.	7.9	23
17	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
18	Bacteriocin partitioning from a clarified fermentation broth of <i>Lactobacillus plantarum</i> ST16Pa in aqueous two-phase systems with sodium sulfate and choline-based salts as additives. <i>Process Biochemistry</i> , 2018, 66, 212-221.	3.7	21

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19	A critical analysis of L-asparaginase activity quantification methods—colorimetric methods versus high-performance liquid chromatography. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 6985-6990.	3.7	20
20	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
21	Polymeric micelles using cholinium-based ionic liquids for the encapsulation and release of hydrophobic drug molecules. <i>Biomaterials Science</i> , 2021, 9, 2183-2196.	5.4	18
22	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
23	A transferrin variant as the targeting ligand for polymeric nanoparticles incorporated in 3-D PLGA porous scaffolds. <i>Materials Science and Engineering C</i> , 2017, 73, 373-380.	7.3	17
24	Using coarse-grained molecular dynamics to understand the effect of ionic liquids on the aggregation of Pluronic copolymer solutions. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 5824-5833.	2.8	17
25	Effects of cholinium-based ionic liquids on <i>Aspergillus niger</i> lipase: Stabilizers or inhibitors. <i>Biotechnology Progress</i> , 2019, 35, e2838.	2.6	15
26	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
27	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
28	Quality by Design Approach for the Development of Liposome Carrying Ghrelin for Intranasal Administration. <i>Pharmaceutics</i> , 2021, 13, 686.	4.5	14
29	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
30	Dextran sulfate/Triton X two-phase micellar systems as an alternative first purification step for clavulanic acid. <i>Fluid Phase Equilibria</i> , 2015, 399, 80-86.	2.5	12
31	Compartmentalization of therapeutic proteins into semi-crystalline PEG-PCL polymersomes. <i>Soft Materials</i> , 2021, 19, 222-230.	1.7	12
32	Comparative Study on Lead and Copper Biosorption Using Three Bioproducts from Edible Mushrooms Residues. <i>Journal of Fungi (Basel, Switzerland)</i> , 2021, 7, 441.	3.5	12
33	Extraction of natural red colorants from the fermented broth of <i>Penicillium purpurogenum</i> using aqueous two-phase polymer systems. <i>Biotechnology Progress</i> , 2015, 31, 1295-1304.	2.6	11
34	Poly(lactic-co-glycolic acid) matrix incorporated with nisin as a novel antimicrobial biomaterial. <i>World Journal of Microbiology and Biotechnology</i> , 2015, 31, 649-659.	3.6	11
35	Recombinant L-asparaginase production using <i>Pichia pastoris</i> (MUT ⁺ strain): establishment of conditions for growth and induction phases. <i>Journal of Chemical Technology and Biotechnology</i> , 2021, 96, 283-292.	3.2	10
36	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

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37	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
38	Development of PEG-PCL-based polymersomes through design of experiments for co-encapsulation of vemurafenib and doxorubicin as chemotherapeutic drugs. <i>Journal of Molecular Liquids</i> , 2022, 349, 118166.	4.9	7
39	Mathematical modeling of mutant transferrin-CRM107 molecular conjugates for cancer therapy. <i>Journal of Theoretical Biology</i> , 2017, 416, 88-98.	1.7	6
40	Application of aqueous two-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
41	Amphiphilic copolymer aqueous solutions with cholinium ionic liquids as adjuvants: New insights into determination of binodal curves and phase-separation mechanisms. <i>Journal of Molecular Liquids</i> , 2020, 318, 114245.	4.9	6
42	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
43	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
44	Role of model organisms and nanocompounds in human health risk assessment. <i>Environmental Monitoring and Assessment</i> , 2021, 193, 285.	2.7	5
45	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
46	Impact of Probiotics on Animal Health. , 2020, , 261-290.		1
47	Can aqueous two-phase micellar systems (ATPMS) be effective platforms for the encapsulation of hydrophobic drugs like curcumin as a model?. , 0, , .		0