Alvaro S Lima

List of Publications by Year
in descending order

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28	562	840585 11	642610 23
papers	citations	h-index	g-index

28	28	28	732
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	(Eco)toxicity and biodegradability of protic ionic liquids. Chemosphere, 2016, 147, 460-466.	4.2	96
2	Effect of ionic liquids as adjuvants on PEG-based ABS formation and the extraction of two probe dyes. Fluid Phase Equilibria, 2014, 375, 30-36.	1.4	67
3	Extraction and consecutive purification of anthocyanins from grape pomace using ionic liquid solutions. Fluid Phase Equilibria, 2017, 451, 68-78.	1.4	60
4	Purification of lipase produced by a new source of Bacillus in submerged fermentation using an aqueous two-phase system. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 3853-3858.	1.2	59
5	Partitioning of Porcine Pancreatic Lipase in a Two-Phase Systems of Polyethylene Glycol/Potassium Phosphate Aqueous. Applied Biochemistry and Biotechnology, 2010, 161, 288-300.	1.4	45
6	Real textile effluents treatment using coagulation/flocculation followed by electrochemical oxidation process and ecotoxicological assessment. Chemosphere, 2019, 236, 124309.	4.2	44
7	Novel aqueous two-phase systems based on tetrahydrofuran and potassium phosphate buffer for purification of lipase. Process Biochemistry, 2015, 50, 1459-1467.	1.8	41
8	Enhanced Activity of Immobilized Lipase by Phosphonium-Based Ionic Liquids Used in the Support Preparation and Immobilization Process. ACS Sustainable Chemistry and Engineering, 2019, 7, 15648-15659.	3.2	26
9	Poly(vinyl alcohol) as a novel constituent to form aqueous two-phase systems with acetonitrile: Phase diagrams and partitioning experiments. Chemical Engineering Research and Design, 2015, 94, 317-323.	2.7	20
10	Design for preparation of more active cross-linked enzyme aggregates of Burkholderia cepacia lipase using palm fiber residue. Bioprocess and Biosystems Engineering, 2021, 44, 57-66.	1.7	18
11	Synthesis of Dietetic Structured Lipids from Spent Coffee Grounds Crude Oil Catalyzed by Commercial Immobilized Lipases and Immobilized Rhizopus oryzae Lipase on Biochar and Hybrid Support. Processes, 2020, 8, 1542.	1.3	12
12	Acetonitrile and Na⁺ or K⁺ Salts as Constituents of the Aqueous Two-Phase System: Equilibrium Data and Capsaicin Purification. Journal of Chemical & Engineering Data, 2019, 64, 4132-4141.	1.0	9
13	Development of an ethanolic two-phase system (ETPS) based on polypropylene glycol 2000 + ethylene glycol + ethanol for separation of hydrophobic compounds. Chemical Communications, 2021, 57, 2156-2159.	2.2	9
14	Protic ionic liquids as constituent of aqueous two-phase system based on acetonitrile: Synthesis, phase diagrams and genipin pre-purification. Fluid Phase Equilibria, 2020, 507, 112425.	1.4	8
15	Preconcentration and chromatographic detection of atrazine in real water sample using aqueous twoâ€phase system based on tetrahydrofuran and glycerol. Environmental Quality Management, 2021, 31, 39-48.	1.0	7
16	Integrative process to extract chlorophyll and purify rosmarinic acid from rosemary leaves () Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 142 T	1.6	6
17	Computational and experimental analysis on the preferential selectivity of lipases for triglycerides in Licuri oil. Bioprocess and Biosystems Engineering, 2021, 44, 2141-2151.	1.7	6
18	New strategy to apply perfluorodecalin as an oxygen carrier in lipase production: minimisation and reuse. Bioprocess and Biosystems Engineering, 2015, 38, 721-728.	1.7	4

#	Article	IF	Citations
19	Gelatin-based mucoadhesive membranes containing inclusion complex of thymol/Î²-cyclodextrin for treatment of oral infections. International Journal of Polymeric Materials and Polymeric Biomaterials, 2021, 70, 184-194.	1.8	4
20	Potential Use of Crude Coffee Silverskin Oil in Integrated Bioprocess for Fatty Acids Production. JAOCS, Journal of the American Oil Chemists' Society, 2021, 98, 519-529.	0.8	4
21	Evaluation of lipase access tunnels and analysis of substance transport in comparison with experimental data. Bioprocess and Biosystems Engineering, 2022, 45, 1149-1162.	1.7	4
22	Characterisation of a â€œgreenâ€•lipase from Aspergillus niger immobilised on polyethersulfone membranes. Acta Scientiarum - Technology, 0, 42, e44498.	0.4	3
23	Aqueous twoâ€phase systems in Latin America: perspective and future trends. Journal of Chemical Technology and Biotechnology, 0, , .	1.6	3
24	Binary Mixture of Double Protic Ionic Liquid: Density, Viscosity, Refractive Index, Surface Tension, and Derivative Properties. Journal of Chemical & Engineering Data, 2021, 66, 4309-4325.	1.0	3
25	Stabilization of waterâ€inâ€oil emulsions using a wax ester synthesized by a new homemade heterogeneous biocatalyst. Journal of Chemical Technology and Biotechnology, 2022, 97, 1726-1735.	1.6	2
26	Aspectos socioambientais e doenÃ§as relacionadas Ã Ã¡gua contaminada em comunidades vulnerÃ¡veis no Nordeste do Brasil. Research, Society and Development, 2021, 10, e458101019044.	0.0	1
27	ContribuiÃ§Ã£o dos insumos no custo total do bioprocesso para produÃ§Ã£o de biolubrificante em escala de laboratÃ³rio. Sustentabilidade, 0, 2, 1-10.	0.0	1
28	Water and health risk assessment in the Aracaju Expansion Zone - SE. Ambiente & Sociedade, 0, 23, .	0.5	0