

Cesar Santana

List of Publications by Year in descending order

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28
papers

331
citations

758635

12
h-index

887659

17
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28
all docs

28
docs citations

28
times ranked

456
citing authors

#	ARTICLE	IF	CITATIONS
1	Integral production and concentration of surfactin from <i>Bacillus</i> sp. ITP-001 by semi-batch foam fractionation. <i>Biochemical Engineering Journal</i> , 2015, 104, 91-97.	1.8	29
2	Evaluation of a chitosan membrane for removal of endotoxin from human IgG solutions. <i>Process Biochemistry</i> , 2006, 41, 2252-2257.	1.8	28
3	Rheological Properties of Water-in-Brazilian Crude Oil Emulsions: Effect of Water Content, Salinity, and pH. <i>Energy & Fuels</i> , 2018, 32, 8880-8890.	2.5	22
4	PAA influence on chitosan membrane calcification. <i>Materials Science and Engineering C</i> , 2003, 23, 651-658.	3.8	20
5	Effect of solution temperature, pH and ionic strength on dye adsorption onto Magellanic peat. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 967-977.	1.2	19
6	Dilatational Rheological Properties of Asphaltenes in Oil-Water Interfaces: Langmuir Isotherm and Influence of Time, Concentration, and Heptol Ratios. <i>Energy & Fuels</i> , 2017, 31, 10233-10244.	2.5	19
7	Chromatographic Separation of Bupivacaine Enantiomers by HPLC: Parameters Estimation of Equilibrium and Mass Transfer Under Linear Conditions. <i>Adsorption</i> , 2005, 11, 123-129.	1.4	18
8	Experimental determination of chromatographic separation parameters of ketamine enantiomers on MCTA. <i>Separation and Purification Technology</i> , 2005, 43, 103-110.	3.9	16
9	High-performance liquid chromatographic separation of rolipram, bupivacaine and omeprazole using a tartardiamide-based stationary phase. <i>Journal of Chromatography A</i> , 2007, 1162, 97-102.	1.8	16
10	Effect of high pressure CO ₂ sorption on the stability of metalorganic framework MOF-177 at different temperatures. <i>Journal of Solid State Chemistry</i> , 2019, 269, 320-327.	1.4	16
11	Endotoxin removal from solutions of F(ab ²) ₂ fragments of equine antibodies against snake venom using macroporous chitosan membrane. <i>Journal of Membrane Science</i> , 2004, 234, 67-73.	4.1	14
12	A hybrid approach with artificial neural networks, Levenberg-Marquardt and simulated annealing methods for the solution of gas-liquid adsorption inverse problems. <i>Inverse Problems in Science and Engineering</i> , 2009, 17, 85-96.	1.2	13
13	Influence of Ionic Liquids on the Viscoelastic Properties of Crude Oil Emulsions. <i>Energy & Fuels</i> , 2017, 31, 9132-9139.	2.5	13
14	Production of chemically modified chitosan microspheres by a spraying and coagulation method. <i>Materials Research</i> , 2007, 10, 347-352.	0.6	11
15	Effect of Temperature on Chiral Separation of Ketamine Enantiomers by High-Performance Liquid Chromatography. <i>Separation Science and Technology</i> , 2005, 40, 2593-2611.	1.3	10
16	The effect of external reflux on the foam fractionation of proteins. <i>Applied Biochemistry and Biotechnology</i> , 1996, 57-58, 57-65.	1.4	9
17	In vitro mineralization on chitosan using solutions with excess of calcium and phosphate ions. <i>Journal of Materials Research</i> , 2005, 20, 3303-3311.	1.2	7
18	Continuous chromatographic separation of a baclofen precursor (N-Boc-4-[p-chloro-phenyl]-2-pyrrolidone) in a simulated moving bed using a polysaccharide carbamate as chiral stationary phase. <i>Journal of Chromatography A</i> , 2006, 1119, 156-162.	1.8	7

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19	Study of the effect of the operating parameters on the separation of bioactive compounds of palm oil by ultra-high performance supercritical fluid chromatography using a design of experiments approach. Canadian Journal of Chemical Engineering, 2017, 95, 2306-2314.	0.9	7
20	Thermodynamic Study of Enantioseparation of Mitotane by Supercritical Fluid Chromatography. Separation Science and Technology, 2012, 47, 636-640.	1.3	6
21	Influence of Asphaltenes in the Properties of Liquid-Liquid Interface between Water and Linear Saturated Hydrocarbons. ACS Omega, 2018, 3, 3851-3856.	1.6	6
22	Expanded-bed adsorption utilizing ion-exchange resin to purify extracellular Î²-galactosidase. Applied Biochemistry and Biotechnology, 1998, 70-72, 779-787.	1.4	5
23	Modeling, Simulation, and Experimental Evaluation of Continuous Chromatographic Separation of Ketamine Enantiomers on MCTA. Journal of Liquid Chromatography and Related Technologies, 2008, 31, 3057-3076.	0.5	5
24	Determination of the Binary and Ternary Phase Diagrams of R(+)-/S(âˆ™)-Ketamine Using Differential Scanning Calorimetry. Journal of Chemical & Engineering Data, 2009, 54, 16-21.	1.0	4
25	Ascertainment of Surfactin Concentration in Bubbles and Foam Column Operated in Semi-Batch. Processes, 2019, 7, 154.	1.3	4
26	Kinetic modeling of proteins adsorption with a methodology of error analysis. Journal of Separation Science, 2007, 30, 688-692.	1.3	3
27	Study of CO2 and N2 sorption into ZIF-8 at high pressure and different temperatures. Journal of Solid State Chemistry, 2022, 314, 123370.	1.4	3
28	Quantification of palm oil bioactive compounds by ultra-high performance supercritical fluid chromatography and chemometrics. Canadian Journal of Chemical Engineering, 2021, , .	0.9	1