

Cesar Santana

List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

27
papers

255
citations

10
h-index

14
g-index

28
ext. papers

290
ext. citations

3.6
avg, IF

2.84
L-index

#	Paper	IF	Citations
27	Evaluation of a chitosan membrane for removal of endotoxin from human IgG solutions. <i>Process Biochemistry</i> , 2006 , 41, 2252-2257	4.8	25
26	Effect of solution temperature, pH and ionic strength on dye adsorption onto Magellanic peat. <i>Environmental Technology (United Kingdom)</i> , 2013 , 34, 967-77	2.6	18
25	PAA influence on chitosan membrane calcification. <i>Materials Science and Engineering C</i> , 2003 , 23, 651-658.	3	18
24	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	4.2	17
23	Chromatographic Separation of Bupivacaine Enantiomers by HPLC: Parameters Estimation of Equilibrium and Mass Transfer Under Linear Conditions. <i>Adsorption</i> , 2005 , 11, 123-129	2.6	16
22	High-performance liquid chromatographic separation of rolipram, bupivacaine and omeprazole using a tartardiamide-based stationary phase influence of flow rate and temperature on the enantioseparation. <i>Journal of Chromatography A</i> , 2007 , 1162, 97-102	4.5	15
21	Experimental determination of chromatographic separation parameters of ketamine enantiomers on MCTA. <i>Separation and Purification Technology</i> , 2005 , 43, 103-110	8.3	15
20	Rheological Properties of Water-in-Brazilian Crude Oil Emulsions: Effect of Water Content, Salinity, and pH. <i>Energy & Fuels</i> , 2018 , 32, 8880-8890	4.1	14
19	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	4.1	14
18	Production of chemically modified chitosan microspheres by a spraying and coagulation method. <i>Materials Research</i> , 2007 , 10, 347-352	1.5	10
17	Effect of Temperature on Chiral Separation of Ketamine Enantiomers by High-Performance Liquid Chromatography. <i>Separation Science and Technology</i> , 2005 , 40, 2593-2611	2.5	10
16	Endotoxin removal from solutions of F(ab') ₂ fragments of equine antibodies against snake venom using macroporous chitosan membrane. <i>Journal of Membrane Science</i> , 2004 , 234, 67-73	9.6	10
15	Influence of Ionic Liquids on the Viscoelastic Properties of Crude Oil Emulsions. <i>Energy & Fuels</i> , 2017 , 31, 9132-9139	4.1	8
14	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	1.3	8
13	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	3.3	8
12	Influence of Asphaltenes in the Properties of Liquid-Liquid Interface between Water and Linear Saturated Hydrocarbons. <i>ACS Omega</i> , 2018 , 3, 3851-3856	3.9	6
11	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, 156-62	4.5	6

10	Thermodynamic Study of Enantioseparation of Mitotane by Supercritical Fluid Chromatography. <i>Separation Science and Technology</i> , 2012 , 47, 636-640	2.5	5
9	Expanded-bed adsorption utilizing ion-exchange resin to purify extracellular beta-galactosidase. <i>Applied Biochemistry and Biotechnology</i> , 1998 , 70-72, 779-87	3.2	5
8	Modeling, Simulation, and Experimental Evaluation of Continuous Chromatographic Separation of Ketamine Enantiomers on MCTA. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2008 , 31, 3057-3076	1.3	5
7	In vitro mineralization on chitosan using solutions with excess of calcium and phosphate ions. <i>Journal of Materials Research</i> , 2005 , 20, 3303-3311	2.5	5
6	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. <i>Canadian Journal of Chemical Engineering</i> , 2017 , 95, 2306-2314	2.3	4
5	Ascertainment of Surfactin Concentration in Bubbles and Foam Column Operated in Semi-Batch. <i>Processes</i> , 2019 , 7, 154	2.9	3
4	Determination of the Binary and Ternary Phase Diagrams of R(+)-/S(-)-Ketamine Using Differential Scanning Calorimetry. <i>Journal of Chemical & Engineering Data</i> , 2009 , 54, 16-21	2.8	3
3	The effect of external reflux on the foam fractionation of proteins. <i>Applied Biochemistry and Biotechnology</i> , 1996 , 57-58, 57-65	3.2	3
2	Kinetic modeling of proteins adsorption with a methodology of error analysis. <i>Journal of Separation Science</i> , 2007 , 30, 688-92	3.4	2
1	Quantification of palm oil bioactive compounds by ultra-high-performance supercritical fluid chromatography and chemometrics. <i>Canadian Journal of Chemical Engineering</i> , 2021 ,	2.3	1