

Antonio L Crego

List of Publications by Year in descending order

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28
papers

957
citations

279798

23
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501196

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28
docs citations

28
times ranked

846
citing authors

#	ARTICLE	IF	CITATIONS
1	About the role of enantioselective selector-selectand interactions and the mobilities of diastereomeric associates in enantiomer separations using CE. <i>Electrophoresis</i> , 2009, 30, 2803-2811.	2.4	66
2	Evaluation of new cellulose-based chiral stationary phases Sepapak-2 and Sepapak-4 for the enantiomeric separation of pesticides by nano liquid chromatography and capillary electrochromatography. <i>Journal of Chromatography A</i> , 2012, 1234, 22-31.	3.7	55
3	Preparation of open tubular columns for reversed-phase high-performance liquid chromatography. <i>Analytical Chemistry</i> , 1993, 65, 1615-1621.	6.5	51
4	Enantiomeric separation of FMOCA-amino acids by nano-LC and CEC using a new chiral stationary phase, cellulose tris(3-chloro-4-methylphenylcarbamate). <i>Electrophoresis</i> , 2011, 32, 2700-2707.	2.4	51
5	Determination of l- and d-carnitine in dietary food supplements using capillary electrophoresis-tandem mass spectrometry. <i>Food Chemistry</i> , 2010, 120, 921-928.	8.2	48
6	Recent approaches in sensitive enantioseparations by CE. <i>Electrophoresis</i> , 2012, 33, 228-242.	2.4	47
7	Separation of enantiomers of norephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: Comparative CE and NMR studies. <i>Electrophoresis</i> , 2012, 33, 1637-1647.	2.4	46
8	Development of a CE-MS ² method for the enantiomeric separation of L/D-carnitine: Application to the analysis of infant formulas. <i>Electrophoresis</i> , 2009, 30, 337-348.	2.4	44
9	Separation of enantiomers of ephedrine by capillary electrophoresis using cyclodextrins as chiral selectors: Comparative CE, NMR and high resolution MS studies. <i>Electrophoresis</i> , 2011, 32, 2640-2647.	2.4	42
10	Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2012, 33, 127-146.	2.4	42
11	Potential of vancomycin for the enantiomeric resolution of FMOCA-amino acids by capillary electrophoresis-ion-trap-mass spectrometry. <i>Electrophoresis</i> , 2014, 35, 1244-1250.	2.4	41
12	Enantioselective separation of azole compounds by EKC. Reversal of migration order of enantiomers with CD concentration. <i>Electrophoresis</i> , 2007, 28, 2667-2674.	2.4	38
13	Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2008, 29, 274-293.	2.4	37
14	Sensitive determination of d-carnitine as enantiomeric impurity of levo-carnitine in pharmaceutical formulations by capillary electrophoresis-tandem mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2010, 53, 1217-1223.	2.8	37
15	Enantiomeric Separation of Free l- and d-Amino Acids in Hydrolyzed Protein Fertilizers by Capillary Electrophoresis Tandem Mass Spectrometry. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 5022-5030.	5.2	37
16	A capillary electrophoresis-tandem mass spectrometry methodology for the determination of non-protein amino acids in vegetable oils as novel markers for the detection of adulterations in olive oils. <i>Journal of Chromatography A</i> , 2011, 1218, 4944-4951.	3.7	36
17	Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2010, 31, 229-250.	2.4	33
18	Enantiomeric separation of ketoconazole and terconazole antifungals by electrokinetic chromatography: Rapid quantitative analysis of ketoconazole in pharmaceutical formulations. <i>Electrophoresis</i> , 2005, 26, 3960-3968.	2.4	30

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19	Improving the sensitivity in chiral capillary electrophoresis. <i>Electrophoresis</i> , 2016, 37, 19-34.	2.4	30
20	New approaches in sensitive chiral CE. <i>Electrophoresis</i> , 2014, 35, 12-27.	2.4	29
21	Development of chiral methodologies by capillary electrophoresis with ultraviolet and mass spectrometry detection for duloxetine analysis in pharmaceutical formulations. <i>Journal of Chromatography A</i> , 2014, 1363, 356-362.	3.7	29
22	Separation of enantiomers of deprenyl with various CDs in CE and the effect of enantiomer migration order on enantiomeric impurity determination of selegiline in active ingredients and tablets. <i>Electrophoresis</i> , 2007, 28, 388-394.	2.4	24
23	Determination of Trigonelline in Seeds and Vegetable Oils by Capillary Electrophoresis as a Novel Marker for the Detection of Adulterations in Olive Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2010, 58, 7489-7496.	5.2	23
24	Investigation on the enantioseparation of duloxetine by capillary electrophoresis, NMR, and mass spectrometry. <i>Electrophoresis</i> , 2014, 35, 2842-2847.	2.4	20
25	Determination of Nonprotein Amino Acids and Betaines in Vegetable Oils by Flow Injection Triple-Quadrapole Tandem Mass Spectrometry: A Screening Method for the Detection of Adulterations of Olive Oils. <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 896-903.	5.2	8
26	Enantiomeric separation of glycidyl tosylate by CE: Application to the study of catalytic asymmetric epoxidation of allyl alcohol. <i>Electrophoresis</i> , 2008, 29, 4575-4582.	2.4	5
27	Chiral Capillary Electrophoresis-Mass Spectrometry. <i>Methods in Molecular Biology</i> , 2013, 970, 429-441.	0.9	5
28	Comparison of two injection systems to be used with 5 $\frac{1}{4}$ m I.D. open-tubular columns. <i>Journal of Chromatography A</i> , 1994, 659, 255-259.	3.7	3