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List of Publications by Year
in descending order

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51 papers	1,245 citations	304743 22 h-index	414414 32 g-index
51 all docs	51 docs citations	51 times ranked	1170 citing authors

#	Article	IF	Citations
1	Chiral separation of agricultural fungicides. Journal of Chromatography A, 2011, 1218, 6561-6582.	3.7	87
2	Characteristics and enantiomeric analysis of chiral pyrethroids. Journal of Chromatography A, 2010, 1217, 968-989.	3.7	77
3	Spectrophotometric and conductimetric determination of the critical micellar concentration of sodium dodecyl sulfate and cetyltrimethylammonium bromide micellar systems modified by alcohols and salts. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 1997, 125, 221-224.	4.7	64
4	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. Journal of Chromatography A, 2012, 1234, 22-31.	3.7	55
5	Analysis of Origanum vulgare volatiles by direct thermal desorption coupled to gas chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2001, 918, 189-194.	3.7	46
6	Organochlorine and heavy metal residues in the water/sediment system of the Southeast Regional Park in Madrid, Spain. Chemosphere, 2000, 41, 801-812.	8.2	44
7	Correlation between the logarithm of capacity factors for aromatic compounds in micellar electrokinetic chromatography and their octanol-water partition coefficients. Journal of Chromatography A, 1996, 742, 251-256.	3.7	43
8	Recent advances in the analysis of antibiotics by CE and CEC. Electrophoresis, 2012, 33, 127-146.	2.4	42
9	Comparison of the models describing the retention in micellar liquid chromatography with hybrid eluents for a group of benzene derivatives and polycyclic aromatic hydrocarbons. Journal of Chromatography A, 1994, 675, 1-11.	3.7	33
10	Cationic amine-bridged periodic mesoporous organosilica materials for off-line solid-phase extraction of phenoxy acid herbicides from water samples prior to their simultaneous enantiomeric determination by capillary electrophoresis. Journal of Chromatography A, 2018, 1566, 146-157.	3.7	32
11	Determination of solute-micelle association constants for a group of benzene derivatives and polycyclic aromatic hydrocarbons with sodium dodecyl sulphate by micellar electrokinetic chromatography. Journal of Chromatography A, 1996, 732, 345-359.	3.7	31
12	Recent advances in <scp>CE</scp> analysis of antibiotics and its use as chiral selectors. Electrophoresis, 2014, 35, 28-49.	2.4	31
13	Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. Journal of Chromatography A, 2019, 1608, 460407.	3.7	31
14	Enantiomeric Determination of Drugs in Pharmaceutical Formulations and Biological Samples by Electrokinetic Chromatography. Critical Reviews in Analytical Chemistry, 2020, 50, 554-584.	3.5	29
15	Chiral separation of metalaxyl and benalaxyl fungicides by electrokinetic chromatography and determination of enantiomeric impurities. Journal of Chromatography A, 2011, 1218, 4877-4885.	3.7	28
16	Study of the k' or log k'-log pow correlation for a group of benzene derivatives and polycyclic aromatic hydrocarbons in micellar liquid chromatography with a C8 column. Journal of Chromatography A, 1994, 687, 233-239.	3.7	25
17	Enantiomeric separation of bupropion enantiomers by electrokinetic chromatography: Quantitative analysis in pharmaceutical formulationsâ˜†. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 875, 260-265.	2.3	25
18	Analysis of antibiotics by CE and CEC and their use as chiral selectors: An update. Electrophoresis, 2018, 39, 235-259.	2.4	25

#	ARTICLE	IF	CITATIONS
19	Periodic mesoporous organosilica materials as sorbents for solid-phase extraction of drugs prior to simultaneous enantiomeric separation by capillary electrophoresis. Journal of Chromatography A, 2018, 1566, 135-145.	3.7	24
20	Evaluation of distribution coefficients in micellar liquid chromatography. Journal of Chromatography A, 1997, 780, 103-116.	3.7	23
21	Rapid determination of salbutamol in pharmaceutical preparations by chiral capillary electrophoresis. Electrophoresis, 2003, 24, 2680-2686.	2.4	23
22	Evaluation of mesoporous silicas functionalized with C18 groups as stationary phases for the solidâ€phase extraction of steroid hormones in milk. Electrophoresis, 2014, 35, 1666-1676.	2.4	23
23	Enantiomeric separation of the antiuremic drug colchicine by electrokinetic chromatography. Method development and quantitative analysis. Journal of Pharmaceutical and Biomedical Analysis, 2017, 138, 189-196.	2.8	22
24	Enantiomeric analysis of pyrethroids and organophosphorus insecticides. Journal of Chromatography A, 2019, 1605, 360345.	3.7	21
25	Optimization of the separation selectivity of a group of benzene and naphthalene derivatives in micellar high-performance liquid chromatography using a C18 column and alcohols as modifiers in the mobile phase. Journal of Chromatography A, 1993, 646, 297-305.	3.7	20
26	A model describing the effect on retention of the addition of alcohols to the mobile phase in micellar liquid chromatography. Journal of Chromatography A, 1996, 719, 15-26.	3.7	20
27	Enantiomeric separation of cisâ€bifenthrin by CDâ€MEKC: Quantitative analysis in a commercial insecticide formulation. Electrophoresis, 2010, 31, 1533-1539.	2.4	20
28	Enantiomer stability and combined toxicity of duloxetine and econazole on Daphnia magna using real concentrations determined by capillary electrophoresis. Science of the Total Environment, 2019, 670, 770-778.	8.0	20
29	Influence of Alcohol Organic Modifiers Upon the Association Constants and Retention Mechanism for Aromatic Compounds in Micellar Liquid Chromatography. Journal of Liquid Chromatography and Related Technologies, 1996, 19, 1757-1776.	1.0	19
30	Study of retention in micellar liquid chromatography on a C8 column by the use of linear solvation energy relationships. Journal of Chromatography A, 2001, 918, 1-11.	3.7	19
31	Separation and online preconcentration by multistep stacking with large-volume injection of anabolic steroids by capillary electrokinetic chromatography using charged cyclodextrins and UV-absorption detection. Journal of Separation Science, 2005, 28, 2200-2209.	2.5	18
32	Separation of phthalates by cyclodextrin modified micellar electrokinetic chromatography: Quantitation in perfumes. Analytica Chimica Acta, 2013, 782, 67-74.	5.4	18
33	Determination of micelle-solute association constants of some benzene and naphthalene derivatives by micellar high-performance liquid chromatography with butanol and sodium chloride additives to mobile phase. Chromatographia, 1991, 32, 148-154.	1.3	17
34	Evaluation of the potential of a quinidine-based monolithic column on the enantiomeric separation of herbicides by nano-liquid chromatography. Microchemical Journal, 2015, 123, 15-21.	4.5	16
35	Stability and toxicity studies for duloxetine and econazole on Spirodela polyrhiza using chiral capillary electrophoresis. Journal of Hazardous Materials, 2019, 374, 203-210.	12.4	16
36	Micellar Liquid Chromatography with Hybrid Eluents. , 1994, 17, 957-980.		15

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37	Micellar electrokinetic chromatography with bile salts for predicting ecotoxicity of aromatic compounds. Journal of Chromatography A, 2004, 1052, 171-180.	3.7	15
38	Simultaneous separation of epinephrine and norepinephrine enantiomers by EKC: Application to the analysis of pharmaceutical formulations. Electrophoresis, 2009, 30, 2947-2954.	2.4	14
39	Analysis of antithyroid drugs in surface water by using liquid chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2014, 1367, 78-89.	3.7	14
40	LINEAR SOLVATION ENERGY RELATIONSHIP STUDY OF RETENTION IN MICELLAR LIQUID CHROMATOGRAPHY ON A C18 COLUMN USING SODIUM DODECYL SULFATE AND CETYLTRIMETHYLAMMONIUM BROMIDE MOBILE PHASES WITH ALCOHOL MODIFIERS. Journal of Liquid Chromatography and Related Technologies, 2000, 23, 873-895.	1.0	13
41	Modeling-based optimization of the simultaneous enantiomeric separation of multicomponent mixtures of phenoxy acid herbicides using dual cyclodextrin systems by Capillary Electrophoresis. Journal of Chromatography A, 2020, 1610, 460552.	3.7	13
42	Synthesis of chiral carbosilane dendrimers with l -cysteine and N -acetyl- l -cysteine on their surface and their application as chiral selectors for enantiomer separation by capillary electrophoresis. Tetrahedron: Asymmetry, 2017, 28, 1797-1802.	1.8	12
43	Study of the Separation Selectivity of a Group of Benzene and Naphthalene Derivatives in Micellar Liquid Chromatography. Microchemical Journal, 1996, 53, 215-224.	4.5	11
44	Development of a capillary electrophoresis method for the determination of soybean proteins in soybeanâ€“rice gluten-free dietary products. Electrophoresis, 2006, 27, 452-460.	2.4	10
45	A statistical study of the correlation between kâ€² or log kâ€² and log Pow for a group of benzene and naphthalene derivatives in micellar liquid chromatography using a C-18 column. Chromatographia, 1995, 40, 185-192.	1.3	9
46	A capillary micellar electrokinetic chromatography method for the stereoselective quantitation of bioallethrin in biotic and abiotic samples. Journal of Chromatography A, 2017, 1510, 108-116.	3.7	9
47	Simultaneous enantioselective separation of polychlorinated biphenyls and their methyl sulfone metabolites by heartâ€cut MDGC: Determination of enantiomeric fractions in fish oils and cow liver samples. Chirality, 2012, 24, 577-583.	2.6	8
48	Separation modes in capillary electrophoresis. Comprehensive Analytical Chemistry, 2005, 45, 31-134.	1.3	6
49	Neural Network Capability for Retention Modeling in Micellar Liquid Chromatography with Hybrid Eluents. Journal of Liquid Chromatography and Related Technologies, 1997, 20, 731-742.	1.0	5
50	Patterns in the precision of quantitative data from multicomponent gas chromatographic or gas chromatographicâ€“mass spectrometric analysis. Journal of Chromatography A, 2003, 1008, 105-114.	3.7	4
51	Micellar Electrokinetic Chromatography Estimation of Critical Micellar Concentration of Sodium Dodecyl Sulphate Systems in Saline Media. Journal of Liquid Chromatography and Related Technologies, 1997, 20, 1327-1336.	1.0	0