

# M<sup>a</sup> Angeles García-González

## List of Publications by Year in descending order

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Version: 2024-02-01

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  | Enantiomeric Determination of Drugs in Pharmaceutical Formulations and Biological Samples by Electrokinetic Chromatography. <i>Critical Reviews in Analytical Chemistry</i> , 2020, 50, 554-584.   | 3.5  | 29        |
| 2  | Modeling-based optimization of the simultaneous enantiomeric separation of multicomponent mixtures of phenoxy acid herbicides using dual cyclodextrin systems by Capillary Electrophoresis. <i>Journal of Chromatography A</i> , 2020, 1610, 460552.   | 3.7  | 13        |
| 3  | Enantiomeric separation of ivabradine by cyclodextrin-electrokinetic chromatography. Effect of amino acid chiral ionic liquids. <i>Journal of Chromatography A</i> , 2019, 1608, 460407.   | 3.7  | 31        |
| 4  | Enantiomeric analysis of pyrethroids and organophosphorus insecticides. <i>Journal of Chromatography A</i> , 2019, 1605, 360345.   | 3.7  | 21        |
| 5  | Enantiomer stability and combined toxicity of duloxetine and econazole on <i>Daphnia magna</i> using real concentrations determined by capillary electrophoresis. <i>Science of the Total Environment</i> , 2019, 670, 770-778.  | 8.0  | 20        |
| 6  | Stability and toxicity studies for duloxetine and econazole on <i>Spirodela polyrhiza</i> using chiral capillary electrophoresis. <i>Journal of Hazardous Materials</i> , 2019, 374, 203-210.  | 12.4 | 16        |
| 7  | Analysis of antibiotics by CE and CEC and their use as chiral selectors: An update. <i>Electrophoresis</i> , 2018, 39, 235-259.  | 2.4  | 25        |
| 8  | 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. <i>Journal of Chromatography A</i> , 2018, 1566, 146-157. | 3.7  | 32        |
| 9  | Periodic mesoporous organosilica materials as sorbents for solid-phase extraction of drugs prior to simultaneous enantiomeric separation by capillary electrophoresis. <i>Journal of Chromatography A</i> , 2018, 1566, 135-145.   | 3.7  | 24        |
| 10 | Enantiomeric separation of the antiemetic drug colchicine by electrokinetic chromatography. Method development and quantitative analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017, 138, 189-196.   | 2.8  | 22        |
| 11 | A capillary micellar electrokinetic chromatography method for the stereoselective quantitation of bioallethrin in biotic and abiotic samples. <i>Journal of Chromatography A</i> , 2017, 1510, 108-116.  | 3.7  | 9         |
| 12 | 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. <i>Tetrahedron: Asymmetry</i> , 2017, 28, 1797-1802.   | 1.8  | 12        |
| 13 | Evaluation of the potential of a quinidine-based monolithic column on the enantiomeric separation of herbicides by nano-liquid chromatography. <i>Microchemical Journal</i> , 2015, 123, 15-21.  | 4.5  | 16        |
| 14 | Analysis of antithyroid drugs in surface water by using liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2014, 1367, 78-89.  | 3.7  | 14        |
| 15 | Recent advances in CE analysis of antibiotics and its use as chiral selectors. <i>Electrophoresis</i> , 2014, 35, 28-49.   | 2.4  | 31        |
| 16 | Evaluation of mesoporous silicas functionalized with C18 groups as stationary phases for the solid-phase extraction of steroid hormones in milk. <i>Electrophoresis</i> , 2014, 35, 1666-1676.   | 2.4  | 23        |
| 17 | Separation of phthalates by cyclodextrin modified micellar electrokinetic chromatography: Quantitation in perfumes. <i>Analytica Chimica Acta</i> , 2013, 782, 67-74.  | 5.4  | 18        |
| 18 | Simultaneous enantioselective separation of polychlorinated biphenyls and their methyl sulfone metabolites by heart MDGC: Determination of enantiomeric fractions in fish oils and cow liver samples. <i>Chirality</i> , 2012, 24, 577-583.  | 2.6  | 8         |

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|----|---|-----|-----------|
| 19 | 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        |
| 20 | Recent advances in the analysis of antibiotics by CE and CEC. <i>Electrophoresis</i> , 2012, 33, 127-146.   | 2.4 | 42        |
| 21 | Chiral separation of agricultural fungicides. <i>Journal of Chromatography A</i> , 2011, 1218, 6561-6582.   | 3.7 | 87        |
| 22 | Chiral separation of metalaxyl and benalaxyl fungicides by electrokinetic chromatography and determination of enantiomeric impurities. <i>Journal of Chromatography A</i> , 2011, 1218, 4877-4885.  | 3.7 | 28        |
| 23 | Enantiomeric separation of <i>cis</i> -bifenthrin by CD- $\mu$ MEKC: Quantitative analysis in a commercial insecticide formulation. <i>Electrophoresis</i> , 2010, 31, 1533-1539.   | 2.4 | 20        |
| 24 | Characteristics and enantiomeric analysis of chiral pyrethroids. <i>Journal of Chromatography A</i> , 2010, 1217, 968-989.  | 3.7 | 77        |
| 25 | Simultaneous separation of epinephrine and norepinephrine enantiomers by EKC: Application to the analysis of pharmaceutical formulations. <i>Electrophoresis</i> , 2009, 30, 2947-2954.   | 2.4 | 14        |
| 26 | Enantiomeric separation of bupropion enantiomers by electrokinetic chromatography: Quantitative analysis in pharmaceutical formulations. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 875, 260-265.  | 2.3 | 25        |
| 27 | Development of a capillary electrophoresis method for the determination of soybean proteins in soybean "rice gluten-free dietary products. <i>Electrophoresis</i> , 2006, 27, 452-460.  | 2.4 | 10        |
| 28 | 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. <i>Journal of Separation Science</i> , 2005, 28, 2200-2209.                         | 2.5 | 18        |
| 29 | Separation modes in capillary electrophoresis. <i>Comprehensive Analytical Chemistry</i> , 2005, 45, 31-134.  | 1.3 | 6         |
| 30 | Micellar electrokinetic chromatography with bile salts for predicting ecotoxicity of aromatic compounds. <i>Journal of Chromatography A</i> , 2004, 1052, 171-180.  | 3.7 | 15        |
| 31 | Rapid determination of salbutamol in pharmaceutical preparations by chiral capillary electrophoresis. <i>Electrophoresis</i> , 2003, 24, 2680-2686.   | 2.4 | 23        |
| 32 | Patterns in the precision of quantitative data from multicomponent gas chromatographic or gas chromatographic-mass spectrometric analysis. <i>Journal of Chromatography A</i> , 2003, 1008, 105-114.  | 3.7 | 4         |
| 33 | Study of retention in micellar liquid chromatography on a C8 column by the use of linear solvation energy relationships. <i>Journal of Chromatography A</i> , 2001, 918, 1-11.  | 3.7 | 19        |
| 34 | Analysis of <i>Origanum vulgare</i> volatiles by direct thermal desorption coupled to gas chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2001, 918, 189-194.  | 3.7 | 46        |
| 35 | Organochlorine and heavy metal residues in the water/sediment system of the Southeast Regional Park in Madrid, Spain. <i>Chemosphere</i> , 2000, 41, 801-812.   | 8.2 | 44        |
| 36 | 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. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2000, 23, 873-895. | 1.0 | 13        |

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|----|--|-----|-----------|
| 37 | Micellar Electrokinetic Chromatography Estimation of Critical Micellar Concentration of Sodium Dodecyl Sulphate Systems in Saline Media. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997, 20, 1327-1336.   | 1.0 | 0         |
| 38 | Neural Network Capability for Retention Modeling in Micellar Liquid Chromatography with Hybrid Eluents. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1997, 20, 731-742.  | 1.0 | 5         |
| 39 | Spectrophotometric and conductimetric determination of the critical micellar concentration of sodium dodecyl sulfate and cetyltrimethylammonium bromide micellar systems modified by alcohols and salts. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 1997, 125, 221-224. | 4.7 | 64        |
| 40 | Evaluation of distribution coefficients in micellar liquid chromatography. <i>Journal of Chromatography A</i> , 1997, 780, 103-116.  | 3.7 | 23        |
| 41 | Determination of solute-micelle association constants for a group of benzene derivatives and polycyclic aromatic hydrocarbons with sodium dodecyl sulphate by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , 1996, 732, 345-359.   | 3.7 | 31        |
| 42 | Correlation between the logarithm of capacity factors for aromatic compounds in micellar electrokinetic chromatography and their octanol-water partition coefficients. <i>Journal of Chromatography A</i> , 1996, 742, 251-256.  | 3.7 | 43        |
| 43 | Study of the Separation Selectivity of a Group of Benzene and Naphthalene Derivatives in Micellar Liquid Chromatography. <i>Microchemical Journal</i> , 1996, 53, 215-224.   | 4.5 | 11        |
| 44 | A model describing the effect on retention of the addition of alcohols to the mobile phase in micellar liquid chromatography. <i>Journal of Chromatography A</i> , 1996, 719, 15-26.   | 3.7 | 20        |
| 45 | Influence of Alcohol Organic Modifiers Upon the Association Constants and Retention Mechanism for Aromatic Compounds in Micellar Liquid Chromatography. <i>Journal of Liquid Chromatography and Related Technologies</i> , 1996, 19, 1757-1776.  | 1.0 | 19        |
| 46 | A statistical study of the correlation between $k'_{av}$ or $\log k'_{av}$ and $\log P_{ow}$ for a group of benzene and naphthalene derivatives in micellar liquid chromatography using a C-18 column. <i>Chromatographia</i> , 1995, 40, 185-192.   | 1.3 | 9         |
| 47 | Micellar Liquid Chromatography with Hybrid Eluents. , 1994, 17, 957-980.   |     | 15        |
| 48 | Comparison of the models describing the retention in micellar liquid chromatography with hybrid eluents for a group of benzene derivatives and polycyclic aromatic hydrocarbons. <i>Journal of Chromatography A</i> , 1994, 675, 1-11.   | 3.7 | 33        |
| 49 | Study of the $k'$ or $\log k'$ - $\log P_{ow}$ correlation for a group of benzene derivatives and polycyclic aromatic hydrocarbons in micellar liquid chromatography with a C8 column. <i>Journal of Chromatography A</i> , 1994, 687, 233-239.  | 3.7 | 25        |
| 50 | 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. <i>Journal of Chromatography A</i> , 1993, 646, 297-305.                             | 3.7 | 20        |
| 51 | 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. <i>Chromatographia</i> , 1991, 32, 148-154.   | 1.3 | 17        |