Xingjie Guo

List of Publications by Year in descending order

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52	1,157	331670	434195
papers	citations	21 h-index	31 g-index

52	52	52	938
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Multi-residue enantiomeric analysis of 18 chiral pesticides in water, soil and river sediment using magnetic solid-phase extraction based on amino modified multiwalled carbon nanotubes and chiral liquid chromatography coupled with tandem mass spectrometry. Journal of Chromatography A, 2018, 1568, 8-21.	3.7	68
2	Combined use of ionic liquid and Î²â€‹<scp>CD</scp> for enantioseparation of 12 pharmaceuticals using <scp>CE</scp>. Journal of Separation Science, 2013, 36, 517-523.	2.5	53
3	Simultaneous enantiomeric analysis of eight pesticides in soils and river sediments by chiral liquid chromatography-tandem mass spectrometry. Chemosphere, 2018, 204, 210-219.	8.2	52
4	Simultaneous enantioselective determination of 22 chiral pesticides in fruits and vegetables using chiral liquid chromatography coupled with tandem mass spectrometry. Food Chemistry, 2019, 277, 298-306.	8.2	50
5	Magnetic solid-phase extraction based on magnetic multiwalled carbon nanotubes for the simultaneous enantiomeric analysis of five Î²-blockers in the environmental samples by chiral liquid chromatography coupled with tandem mass spectrometry. Talanta, 2018, 180, 98-107.	5.5	43
6	Combined Use of Ionic Liquid and Hydroxypropylâ€Î²â€Cyclodextrin for the Enantioseparation of Ten Drugs by Capillary Electrophoresis. Chirality, 2013, 25, 409-414.	2.6	42
7	Combined use of hydroxypropyl-Î²-cyclodextrin and ionic liquids for the simultaneous enantioseparation of four azole antifungals by CE and a study of the synergistic effect. Journal of Separation Science, 2014, 37, 151-157.	2.5	42
8	Graphene/Fe3O4 nanocomposite for effective removal of ten triazole fungicides from water solution: Tebuconazole as an example for investigation of the adsorption mechanism by experimental and molecular docking study. Journal of the Taiwan Institute of Chemical Engineers, 2019, 95, 635-642.	5.3	41
9	Solid-phase extraction coupled with switchable hydrophilicity solvent-based homogeneous liquidâ€“liquid microextraction for chloramphenicol enrichment in environmental water samples: a novel alternative to classical extraction techniques. Analytical and Bioanalytical Chemistry, 2019, 411, 803-812.	3.7	38
10	Enantioselective degradation of chiral fungicides triticonazole and prothioconazole in soils and their enantioselective accumulation in earthworms Eisenia fetida. Ecotoxicology and Environmental Safety, 2019, 183, 109491.	6.0	36
11	In situ immobilization of sulfated-Î²-cyclodextrin as stationary phase for capillary electrochromatography enantioseparation. Talanta, 2019, 200, 1-8.	5.5	31
12	Capillary electrophoretic enantioseparation of basic drugs using a new single-isomer cyclodextrin derivative and theoretical study of the chiral recognition mechanism. Journal of Separation Science, 2016, 39, 1766-1775.	2.5	30
13	A novel one-pot strategy to prepare Î²-cyclodextrin functionalized capillary monoliths for enantioseparation of basic drugs. Talanta, 2018, 189, 458-466.	5.5	29
14	Preparation of sulfobutylether Î²-cyclodextrin-silica hybrid monolithic column, and its application to capillary electrochromatography of chiral compounds. Journal of Chromatography A, 2020, 1620, 460932.	3.7	29
15	Solid-phase extraction combined with dispersive liquid-liquid microextraction and chiral liquid chromatography-tandem mass spectrometry for the simultaneous enantioselective determination of representative proton-pump inhibitors in water samples. Analytical and Bioanalytical Chemistry, 2016, 408, 6381-6392.	3.7	28
16	Chiral separation of 12 pairs of enantiomers by capillary electrophoresis using heptakis-(2,3-diacetyl-6-sulfato)-Î²-cyclodextrin as the chiral selector and the elucidation of the chiral recognition mechanism by computational methods. Journal of Separation Science, 2017, 40, 2999-3007.	2.5	28
17	Enantioselective separation and determination of miconazole in rat plasma by chiral LCâ€“MS/MS: application in a stereoselective pharmacokinetic study. Analytical and Bioanalytical Chemistry, 2017, 409, 6315-6323.	3.7	28
18	Enantioselective open-tubular capillary electrochromatography using a Î²-cyclodextrinâ€“gold nanoparticlesâ€“polydopamine coating as a stationary phase. New Journal of Chemistry, 2018, 42, 17250-17258.	2.8	27

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19	Magnetic solid-phase extraction based on Fe 3 O 4 /graphene nanocomposites for enantioselective determination of representative profens in the environmental water samples and molecular docking study on adsorption mechanism of graphene. Journal of Pharmaceutical and Biomedical Analysis, 2018, 156, 88-96.	2.8	25
20	Stereoselective Analysis of Chiral Pyrethroid Insecticides Tetramethrin and Î±-Cypermethrin in Fruits, Vegetables, and Cereals. Journal of Agricultural and Food Chemistry, 2019, 67, 9362-9370.	5.2	24
21	Solâ€gel technique for the preparation of Î²â€cyclodextrin gold nanoparticles as chiral stationary phase in openâ€tubular capillary electrochromatography. Journal of Separation Science, 2019, 42, 1948-1954.	2.5	22
22	Evaluation of chiral separation based on bovine serum albuminâ€“conjugated carbon nanotubes as stationary phase in capillary electrochromatography. Electrophoresis, 2020, 41, 1253-1260.	2.4	22
23	Use of various Î²â€cyclodextrin derivatives as chiral selectors for the enantiomeric separation of ofloxacin and its five related substances by capillary electrophoresis. Journal of Separation Science, 2017, 40, 1784-1795.	2.5	21
24	The cation-selective exhaustive injection and sweeping capillary electrophoresis method for the analysis of chlorpheniramine enantiomers in rat plasma. Journal of Pharmaceutical and Biomedical Analysis, 2018, 148, 142-148.	2.8	21
25	Preparation of a Î²-Cyclodextrin-Based Open-Tubular Capillary Electrochromatography Column and Application for Enantioseparations of Ten Basic Drugs. PLoS ONE, 2016, 11, e0146292.	2.5	21
26	Preparation of a hydroxypropyl-Î²-cyclodextrin functionalized monolithic column by one-pot sequential reaction and its application for capillary electrochromatographic enantiomer separation. Journal of Chromatography A, 2019, 1603, 269-277.	3.7	20
27	Carboxymethyl Î²â€cyclodextrin as chiral selector in capillary electrophoresis: Enantioseparation of 16 basic chiral drugs and its chiral recognition mechanism associated with drugs' structural features. Biomedical Chromatography, 2017, 31, e3991.	1.7	19
28	Simultaneous enantioselective determination of six pesticides in aqueous environmental samples by chiral liquid chromatography with tandem mass spectrometry. Journal of Separation Science, 2018, 41, 1287-1297.	2.5	19
29	Enantioselective analysis of pheniramine in rat using large volume sample stacking or cation-selective exhaustive injection and sweeping coupled with cyclodextrin modified electrokinetic chromatography. Talanta, 2019, 192, 226-232.	5.5	19
30	Study of the enantiomeric separation of the anticholinergic drugs on two immobilized polysaccharideâ€based chiral stationary phases by HPLC and the possible chiral recognition mechanisms. Electrophoresis, 2018, 39, 1361-1369.	2.4	17
31	Enantiomeric separation and simulation study of eight anticholinergic drugs on an immobilized polysaccharide-based chiral stationary phase by HPLC. New Journal of Chemistry, 2018, 42, 11724-11731.	2.8	15
32	Simultaneous enantiomeric analysis of six chiral pesticides in functional foods using magnetic solid-phase extraction based on carbon nanospheres as adsorbent and chiral liquid chromatography coupled with tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2019, 175, 112784.	2.8	15
33	Enantioselective separation of eight antihistamines with Î±1-acid glycoprotein-based chiral stationary phase by HPLC: Development and validation for the enantiomeric quality control. Journal of Pharmaceutical and Biomedical Analysis, 2019, 176, 112803.	2.8	15
34	Chiral separation of five antihistamine drug enantiomers and enantioselective pharmacokinetic study of carbinoxamine in rat plasma by HPLC-MS/MS. New Journal of Chemistry, 2020, 44, 5819-5827.	2.8	15
35	Magnetic solidâ€phase extraction based on carbon nanosphere@Fe₃O₄ for enantioselective determination of eight triazole fungicides in water samples. Electrophoresis, 2019, 40, 1306-1313.	2.4	13
36	Studies on the chiral separation of pheniramine and its enantioselective pharmacokinetics in rat plasma by HPLC-MS/MS. Microchemical Journal, 2020, 156, 104989.	4.5	13

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37	Determination of brompheniramine enantiomers in rat plasma by cationâ€selective exhaustive injection and sweeping cyclodextrin modified electrokinetic chromatography method. Electrophoresis, 2018, 39, 2099-2106.	2.4	12
38	Hydroxypropyl Î²-cyclodextrin nanohybrid monoliths for use in capillary electrochromatography with UV detection: application to the enantiomeric separation of adrenergic drugs, anticholinergic drugs, antidepressants, azoles, and antihistamine. Mikrochimica Acta, 2020, 187, 381.	5.0	11
39	Comparison of three Sâ€Î²â€CDs with different degrees of substitution for the chiral separation of 12 drugs in capillary electrophoresis. Chirality, 2017, 29, 558-565.	2.6	10
40	Enantiomeric separation and molecular docking study of seven imidazole antifungal drugs on a cellulose tris-(3,5-dimethylphenylcarbamate) chiral stationary phase. New Journal of Chemistry, 2020, 44, 18337-18346.	2.8	10
41	Enantioseparation and molecular modeling study of five Î²â€adrenergic blockers on <scp>C</scp>hiralpak <scp>IC</scp> column. Chirality, 2019, 31, 502-512.	2.6	9
42	Enantioseparation and molecular modeling study of eight psychoactive drugs on a coated polysaccharideâ€based chiral stationary phase. Electrophoresis, 2020, 41, 2092-2101.	2.4	9
43	Separation and quantitation of notopterol enantiomers in notopterygii rhizoma et radix using solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2020, 186, 113255.	2.8	9
44	Preparation and modeling study of novel carboxymethyl-Î²-cyclodextrin silica hybrid monolithic column for enantioseparations in capillary electrochromatography. Microchemical Journal, 2021, 170, 106719.	4.5	9
45	Chiral Recognition Mechanisms of four Î²-Blockers by HPLC with Amylose Chiral Stationary Phase. Iranian Journal of Pharmaceutical Research, 2014, 13, 449-57.	0.5	8
46	Separation of Folinic Acid Diastereomers in Capillary Electrophoresis Using a New Cationic Î²-Cyclodextrin Derivative. PLoS ONE, 2015, 10, e0120216.	2.5	7
47	Chiral separation and molecular simulation study of six antihistamine agents on a coated cellulose triâ€(3,5â€dimethylphenycarbamate) column (Chiralcel ODâ€RH) and its recognition mechanisms. Electrophoresis, 2021, 42, 1461-1472.	2.4	7
48	Simultaneous enantioselective determination of seven psychoactive drugs enantiomers in multi-specie animal tissues with chiral liquid chromatography coupled with tandem mass spectrometry. Food Chemistry, 2019, 300, 125241.	8.2	6
49	Experimental and Computational Study on the Adsorption Mechanism of 2-Arylpropionic Acids on Graphene: Solvent Effects and Aromatic Features Affecting the Adsorption Performance. Industrial & Engineering Chemistry Research, 2019, 58, 8072-8079.	3.7	6
50	Enantioseparation and Determination of Penconazole in Rat Plasma by Chiral LC-MS/MS: Application to a Stereoselective Toxicokinetic Study. Molecules, 2020, 25, 2964.	3.8	5
51	Enantioselective LCâ€MS/MS method for the determination of cloperastine enantiomers in rat plasma and its pharmacokinetic application. Chirality, 2020, 32, 1129-1138.	2.6	5
52	Enantioseparation and determination of orphenadrine in rat plasma and its application to a stereoselective pharmacokinetic study. New Journal of Chemistry, 2021, 45, 5428-5436.	2.8	3