Ligang Chen

List of Publications by Year
in descending order

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84	3,445	117625	155660
papers	citations	34 h-index	55 g-index

84	84	84	3732
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preparation of magnetic molecularly imprinted polymer for the separation of tetracycline antibiotics from egg and tissue samples. Journal of Chromatography A, 2009, 1216, 3710-3719.	3.7	228
2	Determination of fluoroquinolone antibiotics in environmental water samples based on magnetic molecularly imprinted polymer extraction followed by liquid chromatographyâ€“tandem mass spectrometry. Analytica Chimica Acta, 2010, 662, 31-38.	5.4	190
3	Fluorescence Probe Based on Hybrid Mesoporous Silica/Quantum Dot/Molecularly Imprinted Polymer for Detection of Tetracycline. ACS Applied Materials & Interfaces, 2016, 8, 16248-16256.	8.0	150
4	Quantum dots coated with molecularly imprinted polymer as fluorescence probe for detection of cyphenothrin. Biosensors and Bioelectronics, 2015, 64, 182-188.	10.1	136
5	Preparation of alumina-coated magnetite nanoparticle for extraction of trimethoprim from environmental water samples based on mixed hemimicelles solid-phase extraction. Analytica Chimica Acta, 2009, 638, 162-168.	5.4	130
6	Magnetic molecularly imprinted polymer extraction of chloramphenicol from honey. Food Chemistry, 2013, 141, 23-28.	8.2	114
7	Fast and Selective Extraction of Sulfonamides from Honey Based on Magnetic Molecularly Imprinted Polymer. Journal of Agricultural and Food Chemistry, 2009, 57, 10073-10080.	5.2	110
8	A facile, green synthesis of biomass carbon dots coupled with molecularly imprinted polymers for highly selective detection of oxytetracycline. Journal of Industrial and Engineering Chemistry, 2019, 69, 455-463.	5.8	104
9	Synthesis and characterization of magnetic metalâ€“organic framework for the adsorptive removal of Rhodamine B from aqueous solution. Journal of Industrial and Engineering Chemistry, 2016, 34, 278-285.	5.8	99
10	Fluorescent detection of chlorpyrifos using Mn(II)-doped ZnS quantum dots coated with a molecularly imprinted polymer. Mikrochimica Acta, 2015, 182, 193-200.	5.0	82
11	A review of the extraction and chromatographic determination methods for the analysis of parabens. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2014, 969, 139-148.	2.3	76
12	Application of magnetic molecularly imprinted polymers in analytical chemistry. Analytical Methods, 2012, 4, 2613.	2.7	75
13	On-line Coupling of Solid-Phase Extraction to Liquid Chromatography--A Review. Journal of Chromatographic Science, 2009, 47, 614-623.	1.4	72
14	A core-shell magnetic metal organic framework of type Fe3O4@ZIF-8 for the extraction of tetracycline antibiotics from water samples followed by ultra-HPLC-MS analysis. Mikrochimica Acta, 2017, 184, 4091-4098.	5.0	71
15	Adsorption behavior of magnetic amino-functionalized metalâ€“organic framework for cationic and anionic dyes from aqueous solution. RSC Advances, 2016, 6, 48884-48895.	3.6	66
16	Synthesis of molecularly imprinted fluorescent probe based on biomass-derived carbon quantum dots for detection of mesotrione. Analytical and Bioanalytical Chemistry, 2019, 411, 5519-5530.	3.7	65
17	On-line coupling of dynamic microwave-assisted extraction with high-performance liquid chromatography for determination of andrographolide and dehydroandrographolide in Andrographis paniculata Nees. Journal of Chromatography A, 2007, 1140, 71-77.	3.7	61
18	Preparation of molecularly imprinted polymer coated quantum dots to detect nicosulfuron in water samples. Analytical and Bioanalytical Chemistry, 2015, 407, 8087-8095.	3.7	57

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19	Determination of imidacloprid in rice by molecularly imprinted-matrix solid-phase dispersion with liquid chromatography tandem mass spectrometry. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2012, 897, 32-36.	2.3	55
20	Development of magnetic molecularly imprinted polymers based on carbon nanotubes â€“ Application for trace analysis of pyrethroids in fruit matrices. Journal of Chromatography A, 2014, 1329, 1-9.	3.7	55
21	Fluorescence Probe Based on an Amino-Functionalized Fluorescent Magnetic Nanocomposite for Detection of Folic Acid in Serum. ACS Applied Materials & Interfaces, 2016, 8, 31832-31840.	8.0	52
22	Preparation of magnetic carbon nanotubes for separation of pyrethroids from tea samples. Mikrochimica Acta, 2013, 180, 423-430.	5.0	50
23	The determination of organochlorine pesticides based on dynamic microwave-assisted extraction coupled with on-line solid-phase extraction of high-performance liquid chromatography. Analytica Chimica Acta, 2007, 589, 239-246.	5.4	47
24	Continuous determination of total flavonoids in Platycladus orientalis (L.) Franco by dynamic microwave-assisted extraction coupled with on-line derivatization and ultravioletâ€“visible detection. Analytica Chimica Acta, 2007, 596, 164-170.	5.4	47
25	Extraction of quercetin from Herba Lysimachiae by molecularly imprinted-matrix solid phase dispersion. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 941, 38-44.	2.3	44
26	Magnetic titanium oxide nanoparticles for hemimicelle extraction and HPLC determination of organophosphorus pesticides in environmental water. Mikrochimica Acta, 2013, 180, 1109-1116.	5.0	43
27	Dynamic ultrasound-assisted extraction coupled on-line with solid support derivatization and high-performance liquid chromatography for the determination of formaldehyde in textiles. Journal of Chromatography A, 2008, 1192, 89-94.	3.7	41
28	On-line coupling of dynamic microwave-assisted extraction to solid-phase extraction for the determination of sulfonamide antibiotics in soil. Analytica Chimica Acta, 2009, 648, 200-206.	5.4	41
29	Determination of Chlorpyrifos in Rice Based on Magnetic Molecularly Imprinted Polymers Coupled with High-Performance Liquid Chromatography. Food Analytical Methods, 2014, 7, 377-388.	2.6	40
30	Removal of sudan dyes from aqueous solution by magnetic carbon nanotubes: Equilibrium, kinetic and thermodynamic studies. Journal of Industrial and Engineering Chemistry, 2015, 22, 373-377.	5.8	40
31	Dynamic microwave-assisted extraction coupled with on-line spectrophotometric determination of safflower yellow in Flos Carthami. Analytica Chimica Acta, 2006, 580, 75-82.	5.4	39
32	Magnetic molecularly imprinted polymers based on carbon nanotubes for extraction of carbamates. Mikrochimica Acta, 2015, 182, 781-787.	5.0	38
33	Magnetic molecular imprinting polymers based on three-dimensional (3D) graphene-carbon nanotube hybrid composites for analysis of melamine in milk powder. Food Chemistry, 2018, 255, 226-234.	8.2	37
34	Fluorometric determination of quercetin by using graphitic carbon nitride nanoparticles modified with a molecularly imprinted polymer. Mikrochimica Acta, 2018, 185, 492.	5.0	35
35	Determination of xanthohumol in beer based on cloud point extraction coupled with high performance liquid chromatography. Talanta, 2010, 81, 692-697.	5.5	32
36	Visual detection of melamine by using a ratiometric fluorescent probe consisting of a red emitting CdTe core and a green emitting CdTe shell coated with a molecularly imprinted polymer. Mikrochimica Acta, 2018, 185, 135.	5.0	31

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37	Determination of andrographolide and dehydroandrographolide in rabbit plasma by on-line solid phase extraction of high-performance liquid chromatography. Talanta, 2007, 74, 146-152.	5.5	30
38	Determination of melamine in animal feed based on liquid chromatography tandem mass spectrometry analysis and dynamic microwave-assisted extraction coupled on-line with strong cation-exchange resin clean-up. Analytical and Bioanalytical Chemistry, 2009, 395, 1533-1542.	3.7	28
39	Review: Preparation and Application of Magnetic Chitosan Derivatives in Separation Processes. Analytical Letters, 2013, 46, 2635-2656.	1.8	28
40	A fluorescent material for the detection of chlortetracycline based on molecularly imprinted silicaâ€“graphitic carbon nitride composite. Analytical and Bioanalytical Chemistry, 2018, 410, 7103-7112.	3.7	28
41	An off-on fluorescent probe based on graphene quantum dots intercalated hydrotalcite for determination of ascorbic acid and phytase. Sensors and Actuators B: Chemical, 2021, 345, 130353.	7.8	28
42	Design of smartphone platform by ratiometric fluorescent for visual detection of silver ions. Microchemical Journal, 2022, 174, 107016.	4.5	28
43	Determination of Pyrethroid Pesticides in Environmental Waters Based on Magnetic Titanium Dioxide Nanoparticles Extraction Followed by HPLC Analysis. Chromatographia, 2013, 76, 409-417.	1.3	27
44	Metal Organic Framework-Molecularly Imprinted Polymer as Adsorbent in Matrix Solid Phase Dispersion for Pyrethroids Residue Extraction from Wheat. Food Analytical Methods, 2019, 12, 217-228.	2.6	27
45	Enhanced adsorption for malachite green by functionalized lignin magnetic composites: Optimization, performance and adsorption mechanism. Journal of Molecular Structure, 2022, 1260, 132842.	3.6	27
46	Microwave-Assisted Extraction Coupled Online with Derivatization, Restricted Access Material Cleanup, and High-Performance Liquid Chromatography for Determination of Formaldehyde in Aquatic Products. Journal of Agricultural and Food Chemistry, 2009, 57, 3989-3994.	5.2	26
47	Analysis of tetracyclines from milk powder by molecularly imprinted solidâ€phase dispersion based on a metalâ€“organic framework followed by ultra high performance liquid chromatography with tandem mass spectrometry. Journal of Separation Science, 2018, 41, 2604-2612.	2.5	25
48	A green method using micellar system for determination of sulfonamides in soil. Talanta, 2010, 82, 1186-1192.	5.5	24
49	Analysis of malachite green in aquatic products by carbon nanotube-based molecularly imprinted â€“ matrix solid phase dispersion. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2015, 1002, 98-106.	2.3	24
50	Preparation of a magnetic molecularly imprinted polymer by atom-transfer radical polymerization for the extraction of parabens from fruit juices. Journal of Separation Science, 2016, 39, 2831-2838.	2.5	22
51	Nitrogen-doped carbon quantum dots fabricated from cellulolytic enzyme lignin and its application to the determination of cytochrome c and trypsin. Analytical and Bioanalytical Chemistry, 2021, 413, 5239-5249.	3.7	22
52	Fast and selective extraction of chloramphenicol from soil by matrix solidâ€phase dispersion using molecularly imprinted polymer as dispersant. Journal of Separation Science, 2011, 34, 1886-1892.	2.5	21
53	Construction of ratiometric fluorescence MIPs probe for selective detection of tetracycline based on passion fruit peel carbon dots and europium. Mikrochimica Acta, 2021, 188, 297.	5.0	21
54	A template synthesized strategy on bentonite-doped lignin hydrogel spheres for organic dyes removal. Separation and Purification Technology, 2022, 285, 120376.	7.9	21

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55	Analysis of sulfonylurea herbicides in grain samples using molecularly imprinted polymers on the surface of magnetic carbon nanotubes by extraction coupled with HPLC. Analytical Methods, 2016, 8, 1003-1012.	2.7	19
56	Determination of Sulfonylurea Herbicides in Grain Samples by Matrix Solid-Phase Dispersion with Mesoporous Structured Molecularly Imprinted Polymer. Food Analytical Methods, 2019, 12, 1938-1948.	2.6	19
57	Mesoporous structured molecularly imprinted polymer with restricted access function for highly selective extraction of chlorpyrifos from soil. Journal of Chromatography A, 2020, 1609, 460453.	3.7	19
58	Micelle-mediated extraction and cloud point preconcentration of bergenin from Ardisia japonica. Separation and Purification Technology, 2013, 110, 57-62.	7.9	18
59	Extraction of matrine from soil with matrix solidâ€phase dispersion by molecularly imprinted polymers derived from ligninâ€based Pickering emulsions. Journal of Separation Science, 2019, 42, 3563-3570.	2.5	18
60	Extraction of Sudan dyes from environmental water by hemimicelles-based magnetic titanium dioxide nanoparticles. Environmental Science and Pollution Research, 2014, 21, 12382-12389.	5.3	17
61	Molecularly imprinted mesoporous silica incorporating C3N4 dots and CdTe quantum dots as ratiometric fluorescent probe for determination of Malachite Green. Mikrochimica Acta, 2019, 186, 556.	5.0	17
62	A multi-channel array for metal ions discrimination with animal bones derived biomass carbon dots as sensing units. Journal of Photochemistry and Photobiology A: Chemistry, 2022, 424, 113638.	3.9	16
63	Molecularly imprinted polymers coated on carbon nanotubes for matrix solid phase dispersion extraction of camptothecin from Camptotheca acuminate. Analytical Methods, 2015, 7, 8100-8108.	2.7	15
64	Analysis of melamine in milk powder by using a magnetic molecularly imprinted polymer based on carbon nanotubes with ultra high performance liquid chromatography and tandem mass spectrometry. Journal of Separation Science, 2016, 39, 3775-3781.	2.5	15
65	Separation of camptothecin from Camptotheca acuminate samples using cloud point extraction. Analytical Methods, 2014, 6, 3644-3650.	2.7	14
66	Preparation of multifunctional magneticâ€“fluorescent nanocomposites for analysis of tetracycline hydrochloride. New Journal of Chemistry, 2015, 39, 9976-9982.	2.8	14
67	Switch-on fluorescent strategy based on crystal violet-functionalized CdTe quantum dots for detecting L-cysteine and glutathione in water and urine. Analytical and Bioanalytical Chemistry, 2017, 409, 6081-6090.	3.7	14
68	A biocompatible ruthenium-based composite fluorescent probe using bovine serum albumin as a scaffold for ethylene gas detection and its fluorescence imaging in plant tissues. Chemical Engineering Journal, 2022, 435, 135045.	12.7	12
69	Biocompatible Abscisic Acid-Sensing Supramolecular Hybridization Probe for Spatiotemporal Fluorescence Imaging in Plant Tissues. Analytical Chemistry, 2022, 94, 8999-9008.	6.5	12
70	Determination of Pyrethroids in Environmental Waters Using Magnetic Chitosan Extraction Coupled with High Performance Liquid Chromatography Detection. Analytical Letters, 2013, 46, 1183-1197.	1.8	11
71	Analysis of Sudan dyes in lipstick samples by cloud-point extraction and high-performance liquid chromatography. Analytical Methods, 2014, 6, 8129-8135.	2.7	11
72	Determination of Acephate in Vegetables by Magnetic Molecularly Imprinted Polymer Isolation Coupled with High-Performance Liquid Chromatography. Analytical Letters, 2015, 48, 752-765.	1.8	11

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73	Determination of rhodamine B in lipsticks by high performance liquid chromatography after extraction with AOT reversed micelles. Analytical Methods, 2014, 6, 8627-8632.	2.7	10
74	Extraction of Anthraquinones from Rhubarb by a Molecularly Imprintedâ€“Matrix Solid-Phase Dispersion Method with HPLC Detection. Analytical Letters, 2013, 46, 2235-2252.	1.8	8
75	Analysis of Melamine in Milk Powder by CNT-MIP with Matrix Solid Phase Dispersion and LC-MS/MS. Food Analytical Methods, 2017, 10, 1386-1396.	2.6	8
76	Preparation of porous carbon-based molecularly imprinted polymers for separation of triazine herbicides in corn. Mikrochimica Acta, 2022, 189, 23.	5.0	8
77	Functionally modified cross-linked molecularly imprinted resins: separation and purification of camptothecin and its theoretical study. Industrial Crops and Products, 2022, 184, 115078.	5.2	7
78	Fluorescent switching technology based on fluorescence resonance energy transfer for detecting dimethoate pesticides in environmental water. Analytical Methods, 2016, 8, 8506-8513.	2.7	6
79	Preparation of magnetic molecularly imprinted polymers by atom transfer radical polymerization for the rapid extraction of avermectin from fish samples. Journal of Separation Science, 2017, 40, 424-430.	2.5	6
80	Development of One-Step Derivatization and Preconcentration Technique Using Weak Anion-Exchange Resin Modified with Sodium Diethyldithiocarbamate for Determination of Trace Amount of Copper(II) in Water. Analytical Letters, 2010, 43, 745-756.	1.8	3
81	Determination of diethanolamine in cosmetics based on micellar extraction in situ derivatization coupled with high performance liquid chromatography. Analytical Methods, 2016, 8, 2915-2922.	2.7	3
82	Selective Introduction of Carbazole and Diphenylamine into Spirofluorenexanthene Core for Different Phosphorescent Hosts. Chinese Journal of Chemistry, 2016, 34, 771-777.	4.9	2
83	Simple one-step preconcentration and cleanup with a micellar system for high performance liquid chromatography determination of pyrethroids in traditional Chinese medicine. Analytical Methods, 2015, 7, 1691-1700.	2.7	1
84	Fabricating UCNPs-AuNPs Fluorescent Probe for Sensitive Sensing Thiamphenicol. Chemical Research in Chinese Universities, 2022, 38, 1453-1460.	2.6	1