

# Ligang Chen

## List of Publications by Year in descending order

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84  
papers

3,445  
citations

117625

34  
h-index

155660

55  
g-index

84  
all docs

84  
docs citations

84  
times ranked

3732  
citing authors

#	ARTICLE	IF	CITATIONS
1	A multi-channel array for metal ions discrimination with animal bones derived biomass carbon dots as sensing units. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2022, 424, 113638.	3.9	16
2	Design of smartphone platform by ratiometric fluorescent for visual detection of silver ions. <i>Microchemical Journal</i> , 2022, 174, 107016.	4.5	28
3	A template synthesized strategy on bentonite-doped lignin hydrogel spheres for organic dyes removal. <i>Separation and Purification Technology</i> , 2022, 285, 120376.	7.9	21
4	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. <i>Chemical Engineering Journal</i> , 2022, 435, 135045.	12.7	12
5	Enhanced adsorption for malachite green by functionalized lignin magnetic composites: Optimization, performance and adsorption mechanism. <i>Journal of Molecular Structure</i> , 2022, 1260, 132842.	3.6	27
6	Preparation of porous carbon-based molecularly imprinted polymers for separation of triazine herbicides in corn. <i>Mikrochimica Acta</i> , 2022, 189, 23.	5.0	8
7	Fabricating UCNPs-AuNPs Fluorescent Probe for Sensitive Sensing Thiamphenicol. <i>Chemical Research in Chinese Universities</i> , 2022, 38, 1453-1460.	2.6	1
8	Functionally modified cross-linked molecularly imprinted resins: separation and purification of camptothecin and its theoretical study. <i>Industrial Crops and Products</i> , 2022, 184, 115078.	5.2	7
9	Biocompatible Abscisic Acid-Sensing Supramolecular Hybridization Probe for Spatiotemporal Fluorescence Imaging in Plant Tissues. <i>Analytical Chemistry</i> , 2022, 94, 8999-9008.	6.5	12
10	Nitrogen-doped carbon quantum dots fabricated from cellulolytic enzyme lignin and its application to the determination of cytochrome c and trypsin. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 5239-5249.	3.7	22
11	Construction of ratiometric fluorescence MIPs probe for selective detection of tetracycline based on passion fruit peel carbon dots and europium. <i>Mikrochimica Acta</i> , 2021, 188, 297.	5.0	21
12	An off-on fluorescent probe based on graphene quantum dots intercalated hydrotalcite for determination of ascorbic acid and phytase. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130353.	7.8	28
13	Mesoporous structured molecularly imprinted polymer with restricted access function for highly selective extraction of chlorpyrifos from soil. <i>Journal of Chromatography A</i> , 2020, 1609, 460453.	3.7	19
14	Determination of Sulfonylurea Herbicides in Grain Samples by Matrix Solid-Phase Dispersion with Mesoporous Structured Molecularly Imprinted Polymer. <i>Food Analytical Methods</i> , 2019, 12, 1938-1948.	2.6	19
15	Molecularly imprinted mesoporous silica incorporating C <sub>3</sub> N <sub>4</sub> dots and CdTe quantum dots as ratiometric fluorescent probe for determination of Malachite Green. <i>Mikrochimica Acta</i> , 2019, 186, 556.	5.0	17
16	Extraction of matrine from soil with matrix solid-phase dispersion by molecularly imprinted polymers derived from lignin-based Pickering emulsions. <i>Journal of Separation Science</i> , 2019, 42, 3563-3570.	2.5	18
17	Synthesis of molecularly imprinted fluorescent probe based on biomass-derived carbon quantum dots for detection of mesotrione. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 5519-5530.	3.7	65
18	A facile, green synthesis of biomass carbon dots coupled with molecularly imprinted polymers for highly selective detection of oxytetracycline. <i>Journal of Industrial and Engineering Chemistry</i> , 2019, 69, 455-463.	5.8	104

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19	Metal Organic Framework-Molecularly Imprinted Polymer as Adsorbent in Matrix Solid Phase Dispersion for Pyrethroids Residue Extraction from Wheat. <i>Food Analytical Methods</i> , 2019, 12, 217-228.	2.6	27
20	Magnetic molecular imprinting polymers based on three-dimensional (3D) graphene-carbon nanotube hybrid composites for analysis of melamine in milk powder. <i>Food Chemistry</i> , 2018, 255, 226-234.	8.2	37
21	Analysis of tetracyclines from milk powder by molecularly imprinted solid-phase dispersion based on a metal-organic framework followed by ultra high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 2604-2612.	2.5	25
22	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. <i>Mikrochimica Acta</i> , 2018, 185, 135.	5.0	31
23	Fluorometric determination of quercetin by using graphitic carbon nitride nanoparticles modified with a molecularly imprinted polymer. <i>Mikrochimica Acta</i> , 2018, 185, 492.	5.0	35
24	A fluorescent material for the detection of chlortetracycline based on molecularly imprinted silica-graphitic carbon nitride composite. <i>Analytical and Bioanalytical Chemistry</i> , 2018, 410, 7103-7112.	3.7	28
25	A core-shell magnetic metal organic framework of type Fe <sub>3</sub> O <sub>4</sub> @ZIF-8 for the extraction of tetracycline antibiotics from water samples followed by ultra-HPLC-MS analysis. <i>Mikrochimica Acta</i> , 2017, 184, 4091-4098.	5.0	71
26	Switch-on fluorescent strategy based on crystal violet-functionalized CdTe quantum dots for detecting L-cysteine and glutathione in water and urine. <i>Analytical and Bioanalytical Chemistry</i> , 2017, 409, 6081-6090.	3.7	14
27	Analysis of Melamine in Milk Powder by CNT-MIP with Matrix Solid Phase Dispersion and LC-MS/MS. <i>Food Analytical Methods</i> , 2017, 10, 1386-1396.	2.6	8
28	Preparation of magnetic molecularly imprinted polymers by atom transfer radical polymerization for the rapid extraction of avermectin from fish samples. <i>Journal of Separation Science</i> , 2017, 40, 424-430.	2.5	6
29	Selective Introduction of Carbazole and Diphenylamine into Spirofluorenexanthene Core for Different Phosphorescent Hosts. <i>Chinese Journal of Chemistry</i> , 2016, 34, 771-777.	4.9	2
30	Preparation of a magnetic molecularly imprinted polymer by atom-transfer radical polymerization for the extraction of parabens from fruit juices. <i>Journal of Separation Science</i> , 2016, 39, 2831-2838.	2.5	22
31	Adsorption behavior of magnetic amino-functionalized metal-organic framework for cationic and anionic dyes from aqueous solution. <i>RSC Advances</i> , 2016, 6, 48884-48895.	3.6	66
32	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. <i>Journal of Separation Science</i> , 2016, 39, 3775-3781.	2.5	15
33	Fluorescent switching technology based on fluorescence resonance energy transfer for detecting dimethoate pesticides in environmental water. <i>Analytical Methods</i> , 2016, 8, 8506-8513.	2.7	6
34	Fluorescence Probe Based on an Amino-Functionalized Fluorescent Magnetic Nanocomposite for Detection of Folic Acid in Serum. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 31832-31840.	8.0	52
35	Fluorescence Probe Based on Hybrid Mesoporous Silica/Quantum Dot/Molecularly Imprinted Polymer for Detection of Tetracycline. <i>ACS Applied Materials &amp; Interfaces</i> , 2016, 8, 16248-16256.	8.0	150
36	Synthesis and characterization of magnetic metal-organic framework for the adsorptive removal of Rhodamine B from aqueous solution. <i>Journal of Industrial and Engineering Chemistry</i> , 2016, 34, 278-285.	5.8	99

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37	Analysis of sulfonylurea herbicides in grain samples using molecularly imprinted polymers on the surface of magnetic carbon nanotubes by extraction coupled with HPLC. <i>Analytical Methods</i> , 2016, 8, 1003-1012.	2.7	19
38	Determination of diethanolamine in cosmetics based on micellar extraction in situ derivatization coupled with high performance liquid chromatography. <i>Analytical Methods</i> , 2016, 8, 2915-2922.	2.7	3
39	Determination of Acephate in Vegetables by Magnetic Molecularly Imprinted Polymer Isolation Coupled with High-Performance Liquid Chromatography. <i>Analytical Letters</i> , 2015, 48, 752-765.	1.8	11
40	Magnetic molecularly imprinted polymers based on carbon nanotubes for extraction of carbamates. <i>Mikrochimica Acta</i> , 2015, 182, 781-787.	5.0	38
41	Simple one-step preconcentration and cleanup with a micellar system for high performance liquid chromatography determination of pyrethroids in traditional Chinese medicine. <i>Analytical Methods</i> , 2015, 7, 1691-1700.	2.7	1
42	Preparation of multifunctional magnetic fluorescent nanocomposites for analysis of tetracycline hydrochloride. <i>New Journal of Chemistry</i> , 2015, 39, 9976-9982.	2.8	14
43	Molecularly imprinted polymers coated on carbon nanotubes for matrix solid phase dispersion extraction of camptothecin from <i>Camptotheca acuminata</i> . <i>Analytical Methods</i> , 2015, 7, 8100-8108.	2.7	15
44	Analysis of malachite green in aquatic products by carbon nanotube-based molecularly imprinted matrix solid phase dispersion. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2015, 1002, 98-106.	2.3	24
45	Preparation of molecularly imprinted polymer coated quantum dots to detect nicosulfuron in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8087-8095.	3.7	57
46	Removal of sudan dyes from aqueous solution by magnetic carbon nanotubes: Equilibrium, kinetic and thermodynamic studies. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 22, 373-377.	5.8	40
47	Fluorescent detection of chlorpyrifos using Mn(II)-doped ZnS quantum dots coated with a molecularly imprinted polymer. <i>Mikrochimica Acta</i> , 2015, 182, 193-200.	5.0	82
48	Quantum dots coated with molecularly imprinted polymer as fluorescence probe for detection of cyphenothrin. <i>Biosensors and Bioelectronics</i> , 2015, 64, 182-188.	10.1	136
49	Determination of Chlorpyrifos in Rice Based on Magnetic Molecularly Imprinted Polymers Coupled with High-Performance Liquid Chromatography. <i>Food Analytical Methods</i> , 2014, 7, 377-388.	2.6	40
50	Separation of camptothecin from <i>Camptotheca acuminata</i> samples using cloud point extraction. <i>Analytical Methods</i> , 2014, 6, 3644-3650.	2.7	14
51	Development of magnetic molecularly imprinted polymers based on carbon nanotubes Application for trace analysis of pyrethroids in fruit matrices. <i>Journal of Chromatography A</i> , 2014, 1329, 1-9.	3.7	55
52	Extraction of Sudan dyes from environmental water by hemimicelles-based magnetic titanium dioxide nanoparticles. <i>Environmental Science and Pollution Research</i> , 2014, 21, 12382-12389.	5.3	17
53	A review of the extraction and chromatographic determination methods for the analysis of parabens. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2014, 969, 139-148.	2.3	76
54	Determination of rhodamine B in lipsticks by high performance liquid chromatography after extraction with AOT reversed micelles. <i>Analytical Methods</i> , 2014, 6, 8627-8632.	2.7	10

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55	Analysis of Sudan dyes in lipstick samples by cloud-point extraction and high-performance liquid chromatography. <i>Analytical Methods</i> , 2014, 6, 8129-8135.	2.7	11
56	Preparation of magnetic carbon nanotubes for separation of pyrethroids from tea samples. <i>Mikrochimica Acta</i> , 2013, 180, 423-430.	5.0	50
57	Magnetic titanium oxide nanoparticles for hemimicelle extraction and HPLC determination of organophosphorus pesticides in environmental water. <i>Mikrochimica Acta</i> , 2013, 180, 1109-1116.	5.0	43
58	Extraction of quercetin from <i>Herba Lysimachiae</i> by molecularly imprinted-matrix solid phase dispersion. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 941, 38-44.	2.3	44
59	Review: Preparation and Application of Magnetic Chitosan Derivatives in Separation Processes. <i>Analytical Letters</i> , 2013, 46, 2635-2656.	1.8	28
60	Determination of Pyrethroid Pesticides in Environmental Waters Based on Magnetic Titanium Dioxide Nanoparticles Extraction Followed by HPLC Analysis. <i>Chromatographia</i> , 2013, 76, 409-417.	1.3	27
61	Micelle-mediated extraction and cloud point preconcentration of bergenin from <i>Ardisia japonica</i> . <i>Separation and Purification Technology</i> , 2013, 110, 57-62.	7.9	18
62	Magnetic molecularly imprinted polymer extraction of chloramphenicol from honey. <i>Food Chemistry</i> , 2013, 141, 23-28.	8.2	114
63	Extraction of Anthraquinones from Rhubarb by a Molecularly Imprinted Matrix Solid-Phase Dispersion Method with HPLC Detection. <i>Analytical Letters</i> , 2013, 46, 2235-2252.	1.8	8
64	Determination of Pyrethroids in Environmental Waters Using Magnetic Chitosan Extraction Coupled with High Performance Liquid Chromatography Detection. <i>Analytical Letters</i> , 2013, 46, 1183-1197.	1.8	11
65	Application of magnetic molecularly imprinted polymers in analytical chemistry. <i>Analytical Methods</i> , 2012, 4, 2613.	2.7	75
66	Determination of imidacloprid in rice by molecularly imprinted-matrix solid-phase dispersion with liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2012, 897, 32-36.	2.3	55
67	Fast and selective extraction of chloramphenicol from soil by matrix solid-phase dispersion using molecularly imprinted polymer as dispersant. <i>Journal of Separation Science</i> , 2011, 34, 1886-1892.	2.5	21
68	Determination of fluoroquinolone antibiotics in environmental water samples based on magnetic molecularly imprinted polymer extraction followed by liquid chromatography-tandem mass spectrometry. <i>Analytica Chimica Acta</i> , 2010, 662, 31-38.	5.4	190
69	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. <i>Analytical Letters</i> , 2010, 43, 745-756.	1.8	3
70	Determination of xanthohumol in beer based on cloud point extraction coupled with high performance liquid chromatography. <i>Talanta</i> , 2010, 81, 692-697.	5.5	32
71	A green method using micellar system for determination of sulfonamides in soil. <i>Talanta</i> , 2010, 82, 1186-1192.	5.5	24
72	On-line Coupling of Solid-Phase Extraction to Liquid Chromatography--A Review. <i>Journal of Chromatographic Science</i> , 2009, 47, 614-623.	1.4	72

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73	On-line coupling of dynamic microwave-assisted extraction to solid-phase extraction for the determination of sulfonamide antibiotics in soil. <i>Analytica Chimica Acta</i> , 2009, 648, 200-206.	5.4	41
74	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. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 395, 1533-1542.	3.7	28
75	Preparation of magnetic molecularly imprinted polymer for the separation of tetracycline antibiotics from egg and tissue samples. <i>Journal of Chromatography A</i> , 2009, 1216, 3710-3719.	3.7	228
76	Preparation of alumina-coated magnetite nanoparticle for extraction of trimethoprim from environmental water samples based on mixed hemimicelles solid-phase extraction. <i>Analytica Chimica Acta</i> , 2009, 638, 162-168.	5.4	130
77	Fast and Selective Extraction of Sulfonamides from Honey Based on Magnetic Molecularly Imprinted Polymer. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 10073-10080.	5.2	110
78	Microwave-Assisted Extraction Coupled Online with Derivatization, Restricted Access Material Cleanup, and High-Performance Liquid Chromatography for Determination of Formaldehyde in Aquatic Products. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 3989-3994.	5.2	26
79	Dynamic ultrasound-assisted extraction coupled on-line with solid support derivatization and high-performance liquid chromatography for the determination of formaldehyde in textiles. <i>Journal of Chromatography A</i> , 2008, 1192, 89-94.	3.7	41
80	Determination of andrographolide and dehydroandrographolide in rabbit plasma by on-line solid phase extraction of high-performance liquid chromatography. <i>Talanta</i> , 2007, 74, 146-152.	5.5	30
81	On-line coupling of dynamic microwave-assisted extraction with high-performance liquid chromatography for determination of andrographolide and dehydroandrographolide in <i>Andrographis paniculata</i> Nees. <i>Journal of Chromatography A</i> , 2007, 1140, 71-77.	3.7	61
82	The determination of organochlorine pesticides based on dynamic microwave-assisted extraction coupled with on-line solid-phase extraction of high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2007, 589, 239-246.	5.4	47
83	Continuous determination of total flavonoids in <i>Platycladus orientalis</i> (L.) Franco by dynamic microwave-assisted extraction coupled with on-line derivatization and ultraviolet-visible detection. <i>Analytica Chimica Acta</i> , 2007, 596, 164-170.	5.4	47
84	Dynamic microwave-assisted extraction coupled with on-line spectrophotometric determination of safflower yellow in <i>Flos Carthami</i> . <i>Analytica Chimica Acta</i> , 2006, 580, 75-82.	5.4	39