

Zu-Guang Li

List of Publications by Year in descending order

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98
papers

1,742
citations

279701

23
h-index

345118

36
g-index

100
all docs

100
docs citations

100
times ranked

1990
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable isotope and photosynthetic response of tea grown under different temperature and light conditions. <i>Food Chemistry</i> , 2022, 368, 130771.	4.2	13
2	A magnetic solid phase extraction based on UiO-67@GO@Fe ₃ O ₄ coupled with UPLC-MS/MS for the determination of nitroimidazoles and benzimidazoles in honey. <i>Food Chemistry</i> , 2022, 373, 131512.	4.2	20
3	Joint pricing and task allocation for blockchain empowered crowd spectrum sensing. <i>Peer-to-Peer Networking and Applications</i> , 2022, 15, 783-792.	2.6	5
4	Ultrasound-assisted switchable hydrophilic solvent-based homogeneous liquid-liquid microextraction for the determination of triazole fungicides in environmental water by GC-MS. <i>Analytical Methods</i> , 2022, 14, 1187-1193.	1.3	9
5	Microwave-assisted hydrodistillation extraction based on microwave-assisted preparation of deep eutectic solvents coupled with GC-MS for analysis of essential oils from clove buds. <i>Sustainable Chemistry and Pharmacy</i> , 2022, 27, 100695.	1.6	6
6	Preparation and applications of cellulose-functionalized chiral stationary phases: A review. <i>Talanta</i> , 2021, 225, 121987.	2.9	40
7	Multiple classes of chemical contaminants in soil from an e-waste disposal site in China: Occurrence and spatial distribution. <i>Science of the Total Environment</i> , 2021, 752, 141924.	3.9	36
8	Microwave-assisted Natural Deep Eutectic Solvents Pretreatment Followed by Hydrodistillation Coupled with GC-MS for Analysis of Essential Oil from Turmeric (<i>Curcuma longa</i> L.). <i>Journal of Oleo Science</i> , 2021, 70, 1481-1494.	0.6	14
9	Understanding processing, maturity and harvest period effects to authenticate early-spring Longjing tea using stable isotopes and chemometric analyses. <i>Food Control</i> , 2021, 124, 107907.	2.8	11
10	High-throughput method based on a novel thin-film microextraction coating for determining macrolides and lincosamides in honey. <i>Food Chemistry</i> , 2021, 346, 128920.	4.2	11
11	Anhydride-linked β -cyclodextrin-bonded silica stationary phases with enhanced chiral separation ability in liquid chromatography. <i>Journal of Chromatography A</i> , 2021, 1651, 462338.	1.8	20
12	Mechanistic elucidation of the oral pungency of capsaicin-related dietary components: Spatial structural insights. <i>Food Chemistry</i> , 2021, 353, 129429.	4.2	3
13	Two copolymer-grafted silica stationary phases prepared by surface thiol-ene click reaction in deep eutectic solvents for hydrophilic interaction chromatography. <i>Journal of Chromatography A</i> , 2020, 1609, 460446.	1.8	24
14	Determination of veterinary drug/pesticide residues in livestock and poultry excrement using selective accelerated solvent extraction and magnetic material purification combined with ultra-high-performance liquid chromatography-tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2020, 1617, 460808.	1.8	35
15	Metaplexis japonica seed hair fiber: a hydrophobic natural fiber with robust oil-water separation properties. <i>Cellulose</i> , 2020, 27, 2427-2435.	2.4	10
16	Dispersive Liquid-Liquid Microextraction Combined with Microwave Demulsification for Determination of FAME Residuals in Biodiesel Wastewater. <i>Journal of Chromatographic Science</i> , 2020, 58, 976-984.	0.7	2
17	Fabrication of aminated poly(glycidyl methacrylate)-based polymers for co-delivery of anticancer drugs and the p53 gene. <i>Journal of Materials Chemistry B</i> , 2020, 8, 9555-9565.	2.9	11
18	Three-stage microwave extraction of cuminaldehyde from Cumin (<i>Cuminum cyminum</i> L.) Seed essential oil with natural deep eutectic solvents. <i>Industrial Crops and Products</i> , 2019, 140, 111660.	2.5	63

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19	Method development for analyzing ultratrace polyhalogenated carbazoles in soil and sediment. <i>Ecotoxicology and Environmental Safety</i> , 2019, 182, 109470.	2.9	19
20	A high-throughput screening method for determination of multi-antibiotics in animal feed. <i>Journal of Separation Science</i> , 2019, 42, 2968-2976.	1.3	8
21	Multiple quantitative structure-pungency correlations of capsaicinoids. <i>Food Chemistry</i> , 2019, 283, 611-620.	4.2	11
22	Poly(itaconic acid)-grafted silica stationary phase prepared in deep eutectic solvents and its unique performance in hydrophilic interaction chromatography. <i>Talanta</i> , 2019, 191, 265-271.	2.9	32
23	Attraction of <i>Culex pipiens pallens</i> (Diptera: Culicidae) to Floret Volatiles and Synthetic Blends of Its Nectar Host Plant <i>Abelia chinensis</i> (Rubiales: Caprifoliaceae). <i>Journal of Medical Entomology</i> , 2019, 56, 29-34.	0.9	6
24	Microwave Hydrodistillation Based on Deep Eutectic Solvent for Extraction and Analysis of Essential Oil from Three <i>Amomum</i> Species Using Gas Chromatography-Mass Spectrometry. <i>Chromatographia</i> , 2018, 81, 657-667.	0.7	29
25	Detection of 13 mycotoxins in feed using modified QuEChERS with dispersive magnetic materials and UHPLC-MS/MS. <i>Journal of Separation Science</i> , 2018, 41, 756-764.	1.3	26
26	Microwave-assisted-demulsification-dispersive liquid-liquid microextraction coupled with gas chromatography-mass spectrometry for the determination of PAHs in water. <i>Analytical Methods</i> , 2018, 10, 5105-5111.	1.3	4
27	Microwave-assisted-demulsification dispersive liquid-liquid microextraction for the determination of triazole fungicides in water by gas chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2018, 41, 4498-4505.	1.3	31
28	Bioaccumulation and Distribution of Hexabromocyclododecane Isomers in Duck Tissues. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2018, 100, 754-759.	1.3	4
29	Syringe cleanup with UHPLC-MS/MS for nitroimidazoles and steroids detection in manure-based fertilizers. <i>Journal of Separation Science</i> , 2018, 41, 3089-3096.	1.3	2
30	Determination of Pyrethroids in <i>Dendrobium officinale</i> by Ultrasound/Microwave-Assisted Solid-Liquid-Solid Dispersive Extraction, Gas Chromatography, and Triple-Quadrupole Mass Spectrometry. <i>Analytical Letters</i> , 2017, 50, 500-509.	1.0	2
31	Development and application of an in-cell cleanup pressurized liquid extraction with ultra-high-performance liquid chromatography-tandem mass spectrometry to detect prohibited antiviral agents sensitively in livestock and poultry feces. <i>Journal of Chromatography A</i> , 2017, 1488, 10-16.	1.8	18
32	Transesterification of soybean oil by using the synergistic microwave-ultrasonic irradiation. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 281-290.	3.8	23
33	Microwave-assisted deep eutectic solvent extraction coupled with headspace solid-phase microextraction followed by GC-MS for the analysis of volatile compounds from tobacco. <i>Analytical Methods</i> , 2017, 9, 856-863.	1.3	60
34	DES-based microwave hydrodistillation coupled with GC-MS for analysis of essential oil from black pepper (<i>Piper nigrum</i>) and white pepper. <i>Analytical Methods</i> , 2017, 9, 6777-6784.	1.3	25
35	Structure-reactivity relationships of N-hydroxysaccharin analogues as organocatalysts for aerobic oxidation. <i>Computational and Theoretical Chemistry</i> , 2017, 1115, 223-228.	1.1	6
36	Simplified Determination of Organophosphorus Pesticides in Camellia Oil. <i>Analytical Letters</i> , 2017, 50, 1248-1259.	1.0	4

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37	Microwave-Assisted Simplified Simultaneous Distillation Coupled with Ionic Liquid Pretreatment for the Analysis of Essential Oil in <i>Schisandra sphenanthera</i> . <i>Journal of Chromatographic Science</i> , 2017, 55, 1051-1058.	0.7	6
38	Rapid determination of the volatile components in tobacco by ultrasound-microwave synergistic extraction coupled to headspace solid-phase microextraction with gas chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 1173-1181.	1.3	18
39	Decarboxylative Coupling Reaction in ESI(+)MS/MS of 4-Nitrobenzyl 4-Hydroxybenzoates: Triplet Ion-Neutral Complex-Mediated 4-Nitrobenzyl Transfer. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 940-943.	1.2	2
40	Ionic liquid-based carbon nanotube coated magnetic nanoparticles as adsorbent for the magnetic solid phase extraction of triazole fungicides from environmental water. <i>RSC Advances</i> , 2016, 6, 81877-81885.	1.7	27
41	Large volume of water samples introduced in dispersive liquid-liquid microextraction for the determination of 15 triazole fungicides by gas chromatography-tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 7461-7471.	1.9	19
42	Two competitive INC-mediated reactions in the gas-phase fragmentation of protonated indolyl benzo[<i>b</i>]carbazoles. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 20-23.	0.7	1
43	Etoazole is Metabolized Enantioselectively in Liver Microsomes of Rat and Human <i>in Vitro</i> . <i>Environmental Science & Technology</i> , 2016, 50, 9682-9688.	4.6	16
44	Development of a Microextraction Method Based on Dissolved Carbon Dioxide Flotation after Emulsification for the Determination of Triazole Pesticides Residues in Water Samples by Gas Chromatography-Mass Spectrometry. <i>Analytical Sciences</i> , 2016, 32, 1083-1088.	0.8	6
45	Determination of sixteen pyrethroids in water using dispersive liquid-liquid microextraction based on dissolved carbon dioxide flotation after emulsification microextraction using gas chromatography with triple quadrupole mass spectrometry. <i>Analytical Methods</i> , 2016, 8, 6194-6201.	1.3	12
46	Tablet-effervescence-assisted dissolved carbon flotation for the extraction of four triazole fungicides in water by gas chromatography with mass spectrometry. <i>Journal of Separation Science</i> , 2016, 39, 4603-4609.	1.3	26
47	Preparation of magnetic activated carbon from waste rice husk for the determination of tetracycline antibiotics in water samples. <i>RSC Advances</i> , 2016, 6, 112166-112174.	1.7	24
48	Magnetic dispersive solid-phase extraction based on a novel adsorbent for the detection of triazole pesticide residues in honey by HPLC-MS/MS. <i>Analytical Methods</i> , 2016, 8, 5296-5303.	1.3	23
49	Adsorption of sulfonamides by magnetic multiwall carbon nanotubes. <i>Carbon</i> , 2016, 104, 261-262.	5.4	0
50	Magnetic nanoparticles used in headspace extraction coupled with DSI-GC-IT/MS for analysis of VOCs in dry Traditional Chinese Medicine. <i>Chinese Chemical Letters</i> , 2016, 27, 178-184.	4.8	9
51	Observation of the Intermediates of In-Source Aldolization Reactions in Electrospray Ionization Mass Spectrometry Analysis of Heteroaromatic Aldehydes. <i>European Journal of Mass Spectrometry</i> , 2015, 21, 51-57.	0.5	5
52	The competing radical eliminations in the tandem mass spectrometry of the deprotonated benzyl vanillate. <i>Journal of Mass Spectrometry</i> , 2015, 50, 432-436.	0.7	5
53	Two competing ionization processes in electrospray mass spectrometry of indolyl benzo[<i>b</i>]carbazoles: formation of M^+ versus $[M+H]^+$. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 263-268.	0.5	6
54	Enantioselective determination of acaricide etoxazole in orange pulp, peel, and whole orange by chiral liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2015, 38, 599-604.	1.3	14

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55	Ultrasound/microwave-assisted solid-liquid-solid dispersive extraction with high-performance liquid chromatography coupled to tandem mass spectrometry for the determination of neonicotinoid insecticides in <i>Dendrobium officinale</i> . Journal of Separation Science, 2015, 38, 121-127.	1.3	32
56	Synthesis and Characterisation of Phosphazene Derivatives Containing Dioxybiphenyl and 4-Sulfanylquinazoline Groups. Journal of Chemical Research, 2015, 39, 162-165.	0.6	3
57	Simultaneous determination of sulfonamides and metabolites in manure samples by one-step ultrasound/microwave-assisted solid-liquid-solid dispersive extraction and liquid chromatography-mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 3545-3554.	1.9	8
58	A new liquid-liquid microextraction method by ultrasound assisted salting-out for determination of triazole pesticides in water samples coupled by gas chromatography-mass spectrometry. Analytical Methods, 2015, 7, 1194-1199.	1.3	24
59	HPLC/QTOF-MS/MS application to investigate phenolic constituents from <i>Ficus pandurata</i> H. aerial roots. Biomedical Chromatography, 2015, 29, 860-868.	0.8	16
60	Microwave-Assisted Extraction/Dispersive Liquid-Liquid Microextraction Coupled with DSI-GC-IT/MS for Analysis of Essential Oil from Three Species of Cardamom. Chromatographia, 2014, 77, 347-358.	0.7	15
61	Ultrasound-Microwave Hybrid-Assisted Extraction Coupled to Headspace Solid-Phase Microextraction for Fast Analysis of Essential Oil in Dry Traditional Chinese Medicine by GC-MS. Chromatographia, 2014, 77, 619-628.	0.7	23
62	Effects of acupuncture on Chinese medicine syndromes of vascular dementia. Chinese Journal of Integrative Medicine, 2014, 20, 661-666.	0.7	29
63	The development of ultrasound-assisted extraction/dispersive liquid-liquid microextraction coupled with DSI-GC-IT/MS for analysis of essential oil from fresh flowers of <i>Edgeworthia chrysantha</i> Lindl.. Analytical Methods, 2014, 6, 3345-3352.	1.3	12
64	Effect of acupuncture on hippocampal Ref-1 expression in cerebral multi-infarction rats. Neurological Sciences, 2013, 34, 305-312.	0.9	17
65	Determination of Diuretics in Urine Using Immobilized Multi-Walled Carbon Nanotubes in Hollow Fiber Liquid-Phase Microextraction Combined with Liquid Chromatography-Tandem Mass Spectrometry. Journal of the Chinese Chemical Society, 2013, 60, 1033-1042.	0.8	7
66	Progress in the Synthesis of Jasmonates. Chinese Journal of Organic Chemistry, 2013, 33, 2310.	0.6	2
67	Analysis of Methyl-, Chloro-, Bromo- and Trifluoromethyl-Substituted 1,9-Diphenyl-9H-Fluorene and its Isomers by Gas Chromatography-Ion Trap Multistage Tandem Mass Spectrometry. European Journal of Mass Spectrometry, 2012, 18, 483-492.	0.5	0
68	Determination of chlorophenols in landfill leachate using headspace sampling with ionic liquid-coated solid-phase microextraction fibers combined with gas chromatography-mass spectrometry. Analytica Chimica Acta, 2012, 712, 72-77.	2.6	51
69	Determination of perfluorocarboxylic acids in water by ion-pair dispersive liquid-liquid microextraction and gas chromatography-tandem mass spectrometry with injection port derivatization. Analytica Chimica Acta, 2012, 726, 28-34.	2.6	44
70	Molecular Docking Study Based on Hydroxyphenylpyruvate Dioxygenase as a Target of Herbicides. Acta Chimica Sinica, 2012, 70, 1309.	0.5	1
71	Headspace solid phase microextraction in-situ supercritical fluid extraction coupled to gas chromatography-tandem mass spectrometry for simultaneous determination of perfluorocarboxylic acids in sediments. Journal of Chromatography A, 2011, 1218, 7857-7863.	1.8	23
72	Identification of new minor metabolites of penicillin G in human serum by multiple-stage tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 25-32.	0.7	19

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73	QSRR Study of GC Retention Indices of Volatile Compounds Emitted from <i>Mosla chinensis</i> Maxim by Multiple Linear Regression. <i>Chinese Journal of Chemistry</i> , 2011, 29, 2187-2196.	2.6	10
74	A novel method of ultrasound-assisted dispersive liquid-liquid microextraction coupled to liquid chromatography-mass spectrometry for the determination of trace organoarsenic compounds in edible oil. <i>Analytica Chimica Acta</i> , 2011, 690, 221-227.	2.6	59
75	Exploring the structural requirements for jasmonates and related compounds as novel plant growth regulators. <i>Plant Signaling and Behavior</i> , 2009, 4, 1007-1009.	1.2	2
76	Quantitative Structure-Activity Relationship Studies on Some Novel Anti-HIV Thiourea Derivatives with Cytotoxicity Data (CC50) in MT-4 Cells. <i>Letters in Drug Design and Discovery</i> , 2009, 6, 193-200.	0.4	2
77	Cluster Analysis and QSAR Study of Some Anti-hepatitis B Virus Agents Comprising 4-aryl-6-chloroquinolin-2-ones and 5-aryl-7-chloro-1,4-benzodiazepines. <i>Chinese Journal of Chemistry</i> , 2009, 27, 2352-2358.		
78	Quantitative Structure-Activity Relationship Analysis of Some Thiourea Derivatives with Activities Against HIV-1 (IIIB). <i>QSAR and Combinatorial Science</i> , 2009, 28, 89-97.	1.5	11
79	Quantitative Structure-Property Relationship Studies on Amino Acid Conjugates of Jasmonic Acid as Defense Signaling Molecules. <i>Journal of Integrative Plant Biology</i> , 2009, 51, 581-592.	4.1	5
80	Quantitative structure-activity relationship analysis of aryl alkanol piperazine derivatives with antidepressant activities. <i>European Journal of Medicinal Chemistry</i> , 2009, 44, 4367-4375.	2.6	22
81	Analysis of Volatile Compounds Emitted from <i>Chimonanthus praecox</i> (L.) Link in Different Florescence and QSRR Study of GC Retention Indices. <i>Chromatographia</i> , 2009, 70, 1153-1162.	0.7	15
82	Effect of acupuncture treatment on spastic states of stroke patients. <i>Journal of the Neurological Sciences</i> , 2009, 276, 143-147.	0.3	71
83	Solvent-enhanced microwave-assisted derivatization following solid-phase extraction combined with gas chromatography-mass spectrometry for determination of amphetamines in urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2008, 874, 115-118.	1.2	30
84	Quantitative structure-activity relationship studies on 1-aryl-tetrahydroisoquinoline analogs as active anti-HIV agents. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2008, 18, 5381-5386.	1.0	25
85	L-Glutamic acid hydrochloride at 153 K. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o446-o446.	0.2	4
86	Refinement of the crystal structure of 1,4-diazabicyclo[2.2.2]octane tetrachlorozincate, (C ₆ H ₁₄ N ₂)(ZnCl ₄), at 153 K. <i>Zeitschrift Fur Kristallographie - New Crystal Structures</i> , 2007, 222, 277-278.	0.1	0
87	Analysis of volatile compounds emitted from fresh <i>Syringa oblata</i> flowers in different florescence by headspace solid-phase microextraction-gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2006, 576, 43-49.	2.6	63
88	Simultaneous analysis of antioxidants and preservatives in cosmetics by supercritical fluid extraction combined with liquid chromatography-mass spectrometry. <i>Journal of Chromatography A</i> , 2006, 1120, 244-251.	1.8	153
89	Matrinium tetrachloroferrate(III). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2466-m2468.	0.2	5
90	Aquadichlorobis(2-chloropyridine- ¹⁵ N)copper(II). <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2005, 61, m2566-m2567.	0.2	6

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91	Michael addition of nitromethane to isopropylidene 5-alkylidenemalonates. Journal of Chemical Research, 2004, 2004, 758-759.	0.6	5
92	Crystal structure of bis(2,3,5-trimethylpyridine N-oxide) 2,4,6-trinitrophenolate: Cation complex tied by the extremely strong OHO hydrogen bonding. Journal of Chemical Crystallography, 2004, 34, 653-655.	0.5	3
93	Crystal structure of 1:1 complex of 3,5-dinitrobenzoic acid and 4-methylpyridine. Journal of Chemical Crystallography, 2004, 34, 657-660.	0.5	7
94	Diammonium hexaaquacobalt(II) bis(sulfate). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, i114-i115.	0.2	3
95	4,4'-Bipyridinium bis(2-carboxybenzenesulfonate) dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1666-o1667.	0.2	0
96	A novel set of Wiener indices. Journal of Molecular Graphics and Modelling, 2003, 22, 161-172.	1.3	8
97	2,6-Dimethylpyridinium nitrate. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o903-o904.	0.2	3
98	Crystal Structure of the 1:2:2 Adduct of Piperazine, o-Phthalic Acid and Water.. Analytical Sciences, 2003, 19, 333-334.	0.8	9