Zu-Guang Li

List of Publications by Year
in descending order

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	Simultaneous analysis of antioxidants and preservatives in cosmetics by supercritical fluid extraction combined with liquid chromatographyâ€“mass spectrometry. Journal of Chromatography A, 2006, 1120, 244-251.	1.8	153
2	Effect of acupuncture treatment on spastic states of stroke patients. Journal of the Neurological Sciences, 2009, 276, 143-147.	0.3	71
3	Analysis of volatile compounds emitted from fresh Syringa oblata flowers in different florescence by headspace solid-phase microextractionâ€“gas chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2006, 576, 43-49.	2.6	63
4	Three-stage microwave extraction of cumin (Cuminum cyminum L.) Seed essential oil with natural deep eutectic solvents. Industrial Crops and Products, 2019, 140, 111660.	2.5	63
5	Microwave-assisted deep eutectic solvent extraction coupled with headspace solid-phase microextraction followed by GC-MS for the analysis of volatile compounds from tobacco. Analytical Methods, 2017, 9, 856-863.	1.3	60
6	A novel method of ultrasound-assisted dispersive liquidâ€“liquid microextraction coupled to liquid chromatographyâ€“mass spectrometry for the determination of trace organoarsenic compounds in edible oil. Analytica Chimica Acta, 2011, 690, 221-227.	2.6	59
7	Determination of chlorophenols in landfill leachate using headspace sampling with ionic liquid-coated solid-phase microextraction fibers combined with gas chromatographyâ€“mass spectrometry. Analytica Chimica Acta, 2012, 712, 72-77.	2.6	51
8	Determination of perfluorocarboxylic acids in water by ion-pair dispersive liquidâ€“liquid microextraction and gas chromatographyâ€“tandem mass spectrometry with injection port derivatization. Analytica Chimica Acta, 2012, 726, 28-34.	2.6	44
9	Preparation and applications of cellulose-functionalized chiral stationary phases: A review. Talanta, 2021, 225, 121987.	2.9	40
10	Multiple classes of chemical contaminants in soil from an e-waste disposal site in China: Occurrence and spatial distribution. Science of the Total Environment, 2021, 752, 141924.	3.9	36
11	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 chromatographyâ€“tandem mass spectrometry. Journal of Chromatography A, 2020, 1617, 460808.	1.8	35
12	Ultrasound/microwave-assisted solid-liquid-solid dispersive extraction with high-performance liquid chromatography coupled to tandem mass spectrometry for the determination of neonicotinoid insecticides inDendrobium officinale. Journal of Separation Science, 2015, 38, 121-127.	1.3	32
13	Poly(itaconic acid)-grafted silica stationary phase prepared in deep eutectic solvents and its unique performance in hydrophilic interaction chromatography. Talanta, 2019, 191, 265-271.	2.9	32
14	Microwaveâ€assistedâ€demulsification dispersive liquidâ€“liquid microextraction for the determination of triazole fungicides in water by gas chromatography with mass spectrometry. Journal of Separation Science, 2018, 41, 4498-4505.	1.3	31
15	Solvent-enhanced microwave-assisted derivatization following solid-phase extraction combined with gas chromatographyâ€“mass spectrometry for determination of amphetamines in urine. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2008, 874, 115-118.	1.2	30
16	Effects of acupuncture on Chinese medicine syndromes of vascular dementia. Chinese Journal of Integrative Medicine, 2014, 20, 661-666.	0.7	29
17	Microwave Hydrodistillation Based on Deep Eutectic Solvent for Extraction and Analysis of Essential Oil from Three Amomum Species Using Gas Chromatographyâ€“Mass Spectrometry. Chromatographia, 2018, 81, 657-667.	0.7	29
18	Ionic liquid-based carbon nanotube coated magnetic nanoparticles as adsorbent for the magnetic solid phase extraction of triazole fungicides from environmental water. RSC Advances, 2016, 6, 81877-81885.	1.7	27

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19	Tabletâ€effervescenceâ€assisted dissolved carbon flotation for the extraction of four triazole fungicides in water by gas chromatography with mass spectrometry. Journal of Separation Science, 2016, 39, 4603-4609.	1.3	26
20	Detection of 13 mycotoxins in feed using modified QuEChERS with dispersive magnetic materials and UHPLCâ€“MS/MS. Journal of Separation Science, 2018, 41, 756-764.	1.3	26
21	Quantitative structureâ€“activity relationship studies on 1-aryl-tetrahydroisoquinoline analogs as active anti-HIV agents. Bioorganic and Medicinal Chemistry Letters, 2008, 18, 5381-5386.	1.0	25
22	DES-based microwave hydrodistillation coupled with GC-MS for analysis of essential oil from black pepper (Piper nigrum) and white pepper. Analytical Methods, 2017, 9, 6777-6784.	1.3	25
23	A new liquidâ€“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
24	Preparation of magnetic activated carbon from waste rice husk for the determination of tetracycline antibiotics in water samples. RSC Advances, 2016, 6, 112166-112174.	1.7	24
25	Two copolymer-grafted silica stationary phases prepared by surface thiol-ene click reaction in deep eutectic solvents for hydrophilic interaction chromatography. Journal of Chromatography A, 2020, 1609, 460446.	1.8	24
26	Headspace solid phase microextraction in-situ supercritical fluid extraction coupled to gas chromatographyâ€“tandem mass spectrometry for simultaneous determination of perfluorocarboxylic acids in sediments. Journal of Chromatography A, 2011, 1218, 7857-7863.	1.8	23
27	Ultrasound-Microwave Hybrid-Assisted Extraction Coupled to Headspace Solid-Phase Microextraction for Fast Analysis of Essential Oil in Dry Traditional Chinese Medicine by GCâ€“MS. Chromatographia, 2014, 77, 619-628.	0.7	23
28	Magnetic dispersive solid-phase extraction based on a novel adsorbent for the detection of triazole pesticide residues in honey by HPLC-MS/MS. Analytical Methods, 2016, 8, 5296-5303.	1.3	23
29	Transesterification of soybean oil by using the synergistic microwave-ultrasonic irradiation. Ultrasonics Sonochemistry, 2017, 39, 281-290.	3.8	23
30	Quantitative structureâ€“activity relationship analysis of aryl alkanol piperazine derivatives with antidepressant activities. European Journal of Medicinal Chemistry, 2009, 44, 4367-4375.	2.6	22
31	Anhydride-linked Î²-cyclodextrin-bonded silica stationary phases with enhanced chiral separation ability in liquid chromatography. Journal of Chromatography A, 2021, 1651, 462338.	1.8	20
32	A magnetic solid phase extraction based on UiO-67@GO@Fe3O4 coupled with UPLC-MS/MS for the determination of nitroimidazoles and benzimidazoles in honey. Food Chemistry, 2022, 373, 131512.	4.2	20
33	Identification of new minor metabolites of penicillin G in human serum by multipleâ€stage tandem mass spectrometry. Rapid Communications in Mass Spectrometry, 2011, 25, 25-32.	0.7	19
34	Large volume of water samples introduced in dispersive liquidâ€“liquid microextraction for the determination of 15 triazole fungicides by gas chromatography-tandem mass spectrometry. Analytical and Bioanalytical Chemistry, 2016, 408, 7461-7471.	1.9	19
35	Method development for analyzing ultratrace polyhalogenated carbazoles in soil and sediment. Ecotoxicology and Environmental Safety, 2019, 182, 109470.	2.9	19
36	Rapid determination of the volatile components in tobacco by ultrasoundâ€microwave synergistic extraction coupled to headspace solidâ€phase microextraction with gas chromatographyâ€mass spectrometry. Journal of Separation Science, 2016, 39, 1173-1181.	1.3	18

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37	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. Journal of Chromatography A, 2017, 1488, 10-16.	1.8	18
38	Effect of acupuncture on hippocampal Ref-1 expression in cerebral multi-infarction rats. Neurological Sciences, 2013, 34, 305-312.	0.9	17
39	HPLC/QTOFâ€MS/MS application to investigate phenolic constituents from Ficus pandurata H. aerial roots. Biomedical Chromatography, 2015, 29, 860-868.	0.8	16
40	Etoxazole is Metabolized Enantioselectively in Liver Microsomes of Rat and Human in Vitro. Environmental Science & Technology, 2016, 50, 9682-9688.	4.6	16
41	Analysis of Volatile Compounds Emitted from Chimonanthus praecox (L.) Link in Different Florescence and QSRR Study of GC Retention Indices. Chromatographia, 2009, 70, 1153-1162.	0.7	15
42	Microwave-Assisted Extraction/Dispersive Liquidâ€“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
43	Enantioselective determination of acaricide etoxazole in orange pulp, peel, and whole orange by chiral liquid chromatography with tandem mass spectrometry. Journal of Separation Science, 2015, 38, 599-604.	1.3	14
44	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.). Journal of Oleo Science, 2021, 70, 1481-1494.	0.6	14
45	Stable isotope and photosynthetic response of tea grown under different temperature and light conditions. Food Chemistry, 2022, 368, 130771.	4.2	13
46	The development of ultrasound-assisted extraction/dispersive liquidâ€“liquid microextraction coupled with DSI-GC-IT/MS for analysis of essential oil from fresh flowers of Edgeworthia chrysantha Lindl.. Analytical Methods, 2014, 6, 3345-3352.	1.3	12
47	Determination of sixteen pyrethroids in water using dispersive liquidâ€“liquid microextraction based on dissolved carbon dioxide flotation after emulsification microextraction using gas chromatography with triple quadrupole mass spectrometry. Analytical Methods, 2016, 8, 6194-6201.	1.3	12
48	Quantitative Structureâ€“Activity Relationship Analysis of Some Thiourea Derivatives with Activities Against HIVâ€1 (IIIB). QSAR and Combinatorial Science, 2009, 28, 89-97.	1.5	11
49	Multiple quantitative structureâ€“pungency correlations of capsaicinoids. Food Chemistry, 2019, 283, 611-620.	4.2	11
50	Fabrication of aminated poly(glycidyl methacrylate)-based polymers for co-delivery of anticancer drugs and the p53 gene. Journal of Materials Chemistry B, 2020, 8, 9555-9565.	2.9	11
51	Understanding processing, maturity and harvest period effects to authenticate early-spring Longjing tea using stable isotopes and chemometric analyses. Food Control, 2021, 124, 107907.	2.8	11
52	High-throughput method based on a novel thin-film microextraction coating for determining macrolides and lincosamides in honey. Food Chemistry, 2021, 346, 128920.	4.2	11
53	QSRR Study of GC Retention Indices of Volatile Compounds Emitted from Mosla chinensis Maxim by Multiple Linear Regression. Chinese Journal of Chemistry, 2011, 29, 2187-2196.	2.6	10
54	Metaplexis japonica seed hair fiber: a hydrophobic natural fiber with robust oilâ€“water separation properties. Cellulose, 2020, 27, 2427-2435.	2.4	10

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55	Crystal Structure of the 1:2:2 Adduct of Piperazine, o-Phthalic Acid and Water.. Analytical Sciences, 2003, 19, 333-334.	0.8	9
56	Magnetic nanoparticles used in headspace extraction coupled with DSI-GC-IT/MS for analysis of VOCs in dry Traditional Chinese Medicine. Chinese Chemical Letters, 2016, 27, 178-184.	4.8	9
57	Ultrasound-assisted switchable hydrophilic solvent-based homogeneous liquidâ€“liquid microextraction for the determination of triazole fungicides in environmental water by GC-MS. Analytical Methods, 2022, 14, 1187-1193.	1.3	9
58	A novel set of Wiener indices. Journal of Molecular Graphics and Modelling, 2003, 22, 161-172.	1.3	8
59	Simultaneous determination of sulfonamides and metabolites in manure samples by one-step ultrasound/microwave-assisted solidâ€“liquidâ€“solid dispersive extraction and liquid chromatographyâ€“mass spectrometry. Analytical and Bioanalytical Chemistry, 2015, 407, 3545-3554.	1.9	8
60	A highâ€throughput screening method for determination of multiâ€antibiotics in animal feed. Journal of Separation Science, 2019, 42, 2968-2976.	1.3	8
61	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
62	Determination of Diuretics in Urine Using Immobilized Multiâ€Walled Carbon Nanotubes in Hollow Fiber Liquidâ€Phase Microextraction Combined with Liquid Chromatographyâ€Tandem Mass Spectrometry. Journal of the Chinese Chemical Society, 2013, 60, 1033-1042.	0.8	7
63	Aquadichlorobis(2-chloropyridine-Î¹N)copper(II). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m2566-m2567.	0.2	6
64	Two competing ionization processes in electrospray mass spectrometry of indolyl benzo[b]carbazoles: formation of M^{+â€¢} versus [Mâ€‰+â€‰H]⁺. Rapid Communications in Mass Spectrometry, 2015, 29, 263-268.	0.8	6
65	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 Chromatographyâ€“Mass Spectrometry. Analytical Sciences, 2016, 32, 1083-1088.	0.8	6
66	Structure-reactivity relationships of N -hydroxysaccharin analogues as organocatalysts for aerobic oxidation. Computational and Theoretical Chemistry, 2017, 1115, 223-228.	1.1	6
67	Microwave-Assisted Simplified Simultaneous Distillation Coupled with Ionic Liquid Pretreatment for the Analysis of Essential Oil in Schisandra sphenanthera. Journal of Chromatographic Science, 2017, 55, 1051-1058.	0.7	6
68	Attraction of Culex pipiens pallens (Diptera: Culicidae) to Floret Volatiles and Synthetic Blends of Its Nectar Host Plant Abelia chinensis (Rubiales: Caprifoliaceae). Journal of Medical Entomology, 2019, 56, 29-34.	0.9	6
69	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. Sustainable Chemistry and Pharmacy, 2022, 27, 100695.	1.6	6
70	Michael addition of nitromethane to isopropylidene 5-alkylidenemalonates. Journal of Chemical Research, 2004, 2004, 758-759.	0.6	5
71	Matrinium tetrachloroferrate(III). Acta Crystallographica Section E: Structure Reports Online, 2005, 61, m2466-m2468.	0.2	5
72	Quantitative Structureâ€Property Relationship Studies on Amino Acid Conjugates of Jasmonic Acid as Defense Signaling Molecules. Journal of Integrative Plant Biology, 2009, 51, 581-592.	4.1	5

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73	Observation of the Intermediates of In-Source Aldolization Reactions in Electrospray Ionization Mass Spectrometry Analysis of Heteroaromatic Aldehydes. European Journal of Mass Spectrometry, 2015, 21, 51-57.	0.5	5
74	The competing radical eliminations in the tandem mass spectrometry of the OHâ€deprotonated benzyl vanillate. Journal of Mass Spectrometry, 2015, 50, 432-436.	0.7	5
75	Joint pricing and task allocation for blockchain empowered crowd spectrum sensing. Peer-to-Peer Networking and Applications, 2022, 15, 783-792.	2.6	5
76	L-Glutamic acid hydrochloride at 153 K. Acta Crystallographica Section E: Structure Reports Online, 2008, 64, o446-o446.	0.2	4
77	Simplified Determination of Organophosphorus Pesticides in Camellia Oil. Analytical Letters, 2017, 50, 1248-1259.	1.0	4
78	Microwave-assisted-demulsificationâ€“dispersive liquidâ€“liquid microextraction coupled with gas chromatographyâ€“mass spectrometry for the determination of PAHs in water. Analytical Methods, 2018, 10, 5105-5111.	1.3	4
79	Bioaccumulation and Distribution of Hexabromocyclododecane Isomers in Duck Tissues. Bulletin of Environmental Contamination and Toxicology, 2018, 100, 754-759.	1.3	4
80	2,6-Dimethylpyridinium nitrate. Acta Crystallographica Section E: Structure Reports Online, 2003, 59, o903-o904.	0.2	3
81	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
82	Diammonium hexaaquacobalt(II) bis(sulfate). Acta Crystallographica Section E: Structure Reports Online, 2004, 60, i114-i115.	0.2	3
83	Synthesis and Characterisation of Phosphazene Derivatives Containing Dioxybiphenyl and 4-Sulfanylquinazoline Groups. Journal of Chemical Research, 2015, 39, 162-165.	0.6	3
84	Mechanistic elucidation of the oral pungency of capsaicin-related dietary components: Spatial structural insights. Food Chemistry, 2021, 353, 129429.	4.2	3
85	Exploring the structural requirements for jasmonates and related compounds as novel plant growth regulators. Plant Signaling and Behavior, 2009, 4, 1007-1009.	1.2	2
86	Quantitative Structure-Activity Relationship Studies on Some Novel Anti- HIV Thiourea Derivatives with Cytotoxicity Data (CC50) in MT-4 Cells. Letters in Drug Design and Discovery, 2009, 6, 193-200.	0.4	2
87	Decarboxylative Coupling Reaction in ESI(â^')-MS/MS of 4-Nitrobenzyl 4-Hydroxybenzoates: Triplet Ionâ€“Neutral Complex-Mediated 4-Nitrobenzyl Transfer. Journal of the American Society for Mass Spectrometry, 2016, 27, 940-943.	1.2	2
88	Determination of Pyrethroids in Dendrobium officinale by Ultrasound/Microwave-Assisted Solidâ€“Liquidâ€“Solid Dispersive Extraction, Gas Chromatography, and Triple-Quadrupole Mass Spectrometry. Analytical Letters, 2017, 50, 500-509.	1.0	2
89	Syringe cleanup with UHPLCâ€“MS/MS for nitroimidazoles and steroids detection in manureâ€based fertilizers. Journal of Separation Science, 2018, 41, 3089-3096.	1.3	2
90	Dispersive Liquidâ€“Liquid Microextraction Combined with Microwave Demulsification for Determination of FAME Residuals in Biodiesel Wastewater. Journal of Chromatographic Science, 2020, 58, 976-984.	0.7	2

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91	Progress in the Synthesis of Jasmonates. Chinese Journal of Organic Chemistry, 2013, 33, 2310.	0.6	2
92	Cluster Analysis and QSAR Study of Some Antiâ€hepatitis B Virus Agents Comprising 4â€Arylâ€6â€chloroâ€quinolinâ€2â€ones and 5â€Arylâ€7â€chloroâ€1,4â€benzodiazepines. Chinese Journal of Chemistry, 2009, 27, 2352-2358.	2.6	1
93	Two competitive INCâ€mediated reactions in the gasâ€phase fragmentation of protonated indolyl benzo[b]carbazoles. Rapid Communications in Mass Spectrometry, 2016, 30, 20-23.	0.7	1
94	Molecular Docking Study Based on Hydroxyphenylpyruvate Dioxygenase as a Target of Herbcides. Acta Chimica Sinica, 2012, 70, 1309.	0.5	1
95	4,4â€²-Bipyridinium bis(2-carboxybenzenesulfonate) dihydrate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1666-o1667.	0.2	0
96	Refinement of the crystal structure of 1,4-diazabicyclo[2.2.2]octane tetrachlorozincate, (C6H14N2)(ZnCl4), at 153 K. Zeitschrift Fur Kristallographie - New Crystal Structures, 2007, 222, 277-278.	0.1	0
97	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
98	Adsorption of sulfonamides by magnetic multiwall carbon nanotubes. Carbon, 2016, 104, 261-262.	5.4	0