Donghao Li

List of Publications by Year
in descending order

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106	2,493	186265	223800
papers	citations	28 h-index	46 g-index

111	111	111	3070
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sonar image quality evaluation using deep neural network. IET Image Processing, 2022, 16, 992-999.	2.5	3
2	Tracing historical changes, degradation, and original sources of airborne polycyclic aromatic hydrocarbons (PAHs) in Jilin Province, China, by Abies holophylla and Pinus tabuliformis needle leaves. Environmental Science and Pollution Research, 2022, 29, 7079-7088.	5.3	1
3	One-step integrated sample pretreatment technique by gas-liquid microextraction (GLME) to determine multi-class pesticide residues in plant-derived foods. Food Chemistry, 2022, 367, 130774.	8.2	5
4	Machine learning modeling and analysis of biohydrogen production from wastewater by dark fermentation process. Bioresource Technology, 2022, 343, 126111.	9.6	64
5	Analysis of multiple-phytohormones during fruit development in strawberry by using miniaturized dispersive solid-phase extraction based on ionic liquid-functionalized carbon fibers. Journal of Food Composition and Analysis, 2022, 106, 104262.	3.9	3
6	On the use of a 2D-carbon microfiber fractionation system to improve flow-injection QTOF-HRMS analysis in complex matrices: the case of Abelmoschus manihot flower extracts. Analyst, The, 2022, 147, 819-827.	3.5	5
7	Recent trends in carbon-based microelectrodes as electrochemical sensors for neurotransmitter detection: A review. TrAC - Trends in Analytical Chemistry, 2022, 148, 116541.	11.4	29
8	Rapid and One-Step Screening of Taxane Compounds by a Two-Dimensional Carbon Microfiber Fractionation System Combined with Tandem Mass Spectrometry. Journal of Agricultural and Food Chemistry, 2022, 70, 4774-4782.	5.2	4
9	Isotope labelled in suit derivatization-extraction integrated system for amine/phenol submetabolome analysis based on nanoconfinement effect: Application to lung cancer. Journal of Chromatography A, 2022, 1670, 462954.	3.7	2
10	Quick and reliable determination of matrine and oxymatrine in vegetable products by Liquid Chromatography and Mass Spectrometry. Journal of Food Composition and Analysis, 2022, 109, 104465.	3.9	3
11	Nanoconfined liquid phase nanoextraction combined with in-fiber derivatization for simultaneous quantification of seventy amino-containing metabolites in plasma by LC-MS/MS: Exploration of lung cancer screening model. Talanta, 2022, 245, 123452.	5.5	4
12	NLow matrix effect pretreatment method based on gas-liquid micro-extraction technique for determining multi-class pesticides in crops. Journal of Chromatography A, 2022, 1675, 463178.	3.7	3
13	Nanoconfinement effect based in-fiber extraction and derivatization method for ultrafast analysis of twenty amines in human urine by GC-MS: Application to cancer diagnosis biomarkersâ€™ screening. Analytica Chimica Acta, 2022, 1217, 339985.	5.4	7
14	Circular Nonuniform Electric Field Gel Electrophoresis for the Separation and Concentration of Nanoparticles. Analytical Chemistry, 2022, 94, 8474-8482.	6.5	5
15	Gas-liquid microextraction coupled with magnetic-assisted dispersive solid-phase extraction clean-up for multi-residue pesticide analysis in fatty foods of animal origin. LWT - Food Science and Technology, 2021, 137, 110448.	5.2	9
16	Enhanced copper removal from contaminated kaolinite soil by electrokinetic process using compost reactive filter media. Journal of Hazardous Materials, 2021, 402, 123891.	12.4	21
17	Magnetic separation hydroxynitrile glucoside of Orostachys malacophyllus. Microchemical Journal, 2021, 166, 106223.	4.5	5
18	Across-polarity quantification method for broad metabolome coverage based on consecutive nanoconfined liquid phase nanoextraction technology: Application in discovering the plasma potential biomarkers of different types of cancer. Analytica Chimica Acta, 2021, 1167, 338577.	5.4	2

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19	Carbon Nanofibers-Based Nanoconfined Liquid Phase Filtration for the Rapid Removal of Chlorinated Pesticides from Ginseng Extracts. Journal of Agricultural and Food Chemistry, 2021, 69, 9434-9442.	5.2	3
20	Pesticides Contamination of Cereals and Legumes: Monitoring of Samples Marketed in Italy as a Contribution to Risk Assessment. Applied Sciences (Switzerland), 2021, 11, 7283.	2.5	12
21	Revised runoff curve number for runoff prediction in the Loess Plateau of China. Hydrological Processes, 2021, 35, e14390.	2.6	7
22	A reciprocating magnetic field assisted on-line solid-phase extraction coupled with liquid chromatography-tandem mass spectrometry determination of trace tetracyclines in water. Analytica Chimica Acta, 2021, 1182, 338957.	5.4	11
23	Advances in As contamination and adsorption in soil for effective management. Journal of Environmental Management, 2021, 296, 113274.	7.8	16
24	Ex-situ and in-situ rapid and quantitative determination of benzene derivatives in seawater using nanoconfined liquid phase nanoextraction. Talanta, 2021, 235, 122781.	5.5	4
25	Nanoconfined Liquid Phase Nanoextraction Based on Carbon Nanofibers. Analytical Chemistry, 2021, 93, 1310-1316.	6.5	12
26	Light-Driven Polarity Switching of the Chromatographic Stationary Phase with Photoreversibility. Analytical Chemistry, 2021, 93, 17051-17059.	6.5	5
27	Extraction of Plant Materials. , 2020, , 667-682.		0
28	PAES and PAHs in the surface sediments of the East China Sea: Occurrence, distribution and influence factors. Science of the Total Environment, 2020, 703, 134763.	8.0	50
29	Myristoleic acid produced by enterococci reduces obesity through brown adipose tissue activation. Gut, 2020, 69, 1239-1247.	12.1	134
30	Carbon nanotube hollow polyhedrons derived from ZIF-8@ZIF-67 coupled to electro-deposited gold nanoparticles for voltammetric determination of acetaminophen. Mikrochimica Acta, 2020, 187, 6.	5.0	33
31	Simple and rapid analysis of phthalate esters in marine sediment using ultrasound-assisted extraction combined with gas purge microsyringe extraction followed by GCâ€“MS. Marine Pollution Bulletin, 2020, 160, 111667.	5.0	6
32	Effective modelling of hydrogen and energy recovery in microbial electrolysis cell by artificial neural network and adaptive network-based fuzzy inference system. Bioresource Technology, 2020, 316, 123967.	9.6	38
33	Simultaneous determination of multiple phytohormones in tomato by ionic liquid-functionalized carbon fibers-based solid-phase microextraction coupled with liquid chromatography-mass spectrometry. Analytica Chimica Acta, 2020, 1137, 143-155.	5.4	23
34	A fast and selective gas liquid microextraction of semiochemicals for quantitative analysis in plants. Plant Science, 2020, 298, 110576.	3.6	4
35	A traceless clean-up method coupled with gas chromatography and mass spectrometry for analyzing polycyclic aromatic hydrocarbons in complex plant leaf matrices. Analyst, The, 2020, 145, 3266-3273.	3.5	5
36	Recent developments and emerging trends of mass spectrometric methods in plant hormone analysis: a review. Plant Methods, 2020, 16, 54.	4.3	36

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37	Gas purge micro solvent extraction: A rapid and powerful tool for essential oil chromatographic fingerprints. Journal of Pharmaceutical and Biomedical Analysis, 2020, 187, 113339.	2.8	5
38	The solvent and zinc source dual-induced synthesis of a two dimensional zeolitic imidazolate framework with a farfalle-shape and its crystal transformation to zeolitic imidazolate framework-8. Dalton Transactions, 2020, 49, 2437-2443.	3.3	5
39	<i>In situ</i> measurement-based partitioning behavior of perfluoroalkyl acids in the atmosphere. Environmental Engineering Research, 2020, 25, 281-289.	2.5	9
40	Open-tubular radially cyclical electric field-flow fractionation (OTR-CyElFFF): an online concentric distribution strategy for simultaneous separation of microparticles. Lab on A Chip, 2020, 20, 3535-3543.	6.0	1
41	Recent review on carbon nanomaterials functionalized with ionic liquids in sample pretreatment application. TrAC - Trends in Analytical Chemistry, 2019, 120, 115641.	11.4	65
42	Development of a screening analytical method for the determination of non-dioxin-like polychlorinated biphenyls in chicken eggs by gas chromatography and electron capture detection. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2019, 36, 1-11.	2.3	2
43	Rapid in Situ Selfâ€Assembly of Carbon Fibers/ZIFâ€8 Composite for Efficient Adsorption Enhancement of Congo Red. ChemistrySelect, 2019, 4, 6429-6436.	1.5	6
44	Recent trends in analytical methods for water-soluble vitamins. Journal of Chromatography A, 2019, 1606, 360245.	3.7	42
45	Fast on-fiber derivatization and GC/MS analysis of phytohormones in wheat based on pencil-type coated carbon fibers. Food Chemistry, 2019, 274, 254-260.	8.2	12
46	Biomonitoring polycyclic aromatic hydrocarbons by Salix matsudana leaves: A comparison with the relevant air content and evaluation of environmental parameter effects. Atmospheric Environment, 2018, 181, 47-53.	4.1	17
47	Magnetic separation coupled with highâ€performance liquid chromatographyâ€“mass spectrometry for rapid separation and determination of lignans in Schisandra chinensis. Journal of Separation Science, 2018, 41, 2056-2063.	2.5	9
48	Greener approaches to the measurement of polyaromatic hydrocarbons (PAHs) in unused and used crankcase motor oils from Malaysia. Environmental Science and Pollution Research, 2018, 25, 7206-7211.	5.3	4
49	Metabolite profiling of ginsenosides in rat plasma, urine and feces by LCâ€“MS/MS and its application to a pharmacokinetic study after oral administration of <scp>Panax ginseng</scp> extract. Biomedical Chromatography, 2018, 32, e4105.	1.7	17
50	Front cover: Magnetic separation coupled with high-performance liquid chromatography-mass spectrometry for rapid separation and determination of lignans in Schisandra chinensis. Journal of Separation Science, 2018, 41, NA-NA.	2.5	0
51	Facile Surface Modification of Glassâ€Fiber Membrane with Silylating Reagent through Chemical Bonding for the Selective Separation and Recycling of Diverse Dyes from Aqueous Solutions. ChemistrySelect, 2018, 3, 12734-12741.	1.5	5
52	Sensitive Screening Method for Determination of Pyrethroids in Chicken Eggs and Various Meat Samples by Gas Chromatography and Electron Capture Detection. Journal of Agricultural and Food Chemistry, 2018, 66, 10267-10273.	5.2	19
53	Ultrasound-assisted liquidâ€“liquid spray extraction for the determination of multi-class trace organic compounds in high-volume water samples. Analyst, The, 2018, 143, 4575-4584.	3.5	4
54	Gas purge microsyringe extraction coupled to comprehensive two-dimensional gas chromatography for the characterization of petroleum migration. Organic Geochemistry, 2017, 106, 30-47.	1.8	15

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55	Visible-Light Driven Photocatalytic Degradation of Organic Dyes over Ordered Mesoporous Cd_xZn_{1â€“x}S Materials. Journal of Physical Chemistry C, 2017, 121, 5137-5144.	3.1	65
56	Label-free aptasensor for ochratoxin A detection using SYBR Gold as a probe. Sensors and Actuators B: Chemical, 2017, 246, 647-652.	7.8	88
57	Biotransformation of Panax ginseng extract by rat intestinal microflora: identification and quantification of metabolites using liquid chromatography-tandem mass spectrometry. Journal of Ginseng Research, 2017, 41, 540-547.	5.7	38
58	A high throughput mass spectrometry screening analysis based on two-dimensional carbon microfiber fractionation system. Journal of Chromatography A, 2017, 1501, 1-9.	3.7	9
59	Comparative Analysis of the Ratsâ€™ Gut Microbiota Composition in Animals with Different Ginsenosides Metabolizing Activity. Journal of Agricultural and Food Chemistry, 2017, 65, 327-337.	5.2	38
60	Specific recognition of polyphenols by molecularly imprinted polymers based on a ternary deep eutectic solvent. Journal of Chromatography A, 2017, 1530, 23-34.	3.7	57
61	Rutin ameliorates obesity through brown fat activation. FASEB Journal, 2017, 31, 333-345.	0.5	151
62	Nuclease-aided target recycling signal amplification strategy for ochratoxin A monitoring. Biosensors and Bioelectronics, 2017, 87, 136-141.	10.1	58
63	Research of Gas Purge Syringe Needle Micro Extraction System. Advances in Intelligent Systems and Computing, 2017, , 195-200.	0.6	0
64	PAH determination based on a rapid and novel gas purge-microsyringe extraction (GP-MSE) technique in road dust of Shanghai, China: Characterization, source apportionment, and health risk assessment. Science of the Total Environment, 2016, 557-558, 688-696.	8.0	26
65	Biotransformation of gypenoside XVII to compound K by a recombinant Î²-glucosidase. Biotechnology Letters, 2016, 38, 1187-1193.	2.2	21
66	Characterization, chemometric evaluation, and human health-related aspects of essential and toxic elements in Italian honey samples by inductively coupled plasma mass spectrometry. Environmental Science and Pollution Research, 2016, 23, 25374-25384.	5.3	16
67	Determination of diamondoids in crude oils using gas purge microsyringe extraction with comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. Journal of Chromatography A, 2016, 1478, 75-83.	3.7	11
68	Analysis of crude oils using gas purge microsyringe extraction coupled to comprehensive two dimensional gas chromatography-time-of-flight mass spectrometry. Fuel, 2016, 182, 788-797.	6.4	22
69	Distribution and ecological risk of organic pollutants in the sediments and seafood of Yangtze Estuary and Hangzhou Bay, East China Sea. Science of the Total Environment, 2016, 541, 1540-1548.	8.0	76
70	Cloning and Characterization of Ginsenoside-Hydrolyzing Î²-Glucosidase from Lactobacillus brevis That Transforms Ginsenosides Rb1 and F2 into Ginsenoside Rd and Compound K. Journal of Microbiology and Biotechnology, 2016, 26, 1661-1667.	2.1	32
71	Monitoring of phthalates in foodstuffs using gas purge microsyringe extraction coupled with GCâ€“MS. Analytica Chimica Acta, 2015, 879, 63-68.	5.4	45
72	Highly Ordered Mesoporous WO₃ with Excellent Catalytic Performance and Reusability for Deep Oxidative Desulfurization. Nano, 2015, 10, 1550075.	1.0	10

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73	Novel and rapid method for determination of organophosphorus pesticide residues in edible fungus using direct gas purge microsyringe extraction coupled on-line with gas chromatographyâ€“mass spectrometry. Talanta, 2015, 142, 64-71.	5.5	27
74	An etched stainless steel wire/ionic liquid-solid phase microextraction technique for the determination of alkylphenols in river water. Talanta, 2015, 132, 564-571.	5.5	23
75	Long-range atmospheric transport and the distribution of polycyclic aromatic hydrocarbons in Changbai Mountain. Chemosphere, 2015, 119, 289-294.	8.2	34
76	A simple and rapid analysis for gas-phase polycyclic aromatic hydrocarbons using an organic-solvent-based method. Atmospheric Environment, 2014, 89, 367-372.	4.1	1
77	Microextraction by packed sorbent coupled with gas chromatographyâ€“mass spectrometry: A comparison between â€œdraw-ejectâ€•and â€œextract-discardâ€•methods under equilibrium conditions for the determination of polycyclic aromatic hydrocarbons in water. Journal of Chromatography A, 2014, 1371, 30-38.	3.7	12
78	A Rapid Preconcentration Method Using Modified GP-MSE for Sensitive Determination of Trace Semivolatile Organic Pollutants in the Gas Phase of Ambient Air. Bulletin of the Korean Chemical Society, 2014, 35, 2995-3000.	1.9	2
79	Microextraction techniques for the determination of volatile and semivolatile organic compounds from plants: A review. Analytica Chimica Acta, 2013, 799, 8-22.	5.4	79
80	Gas purge-microsyringe extraction: A rapid and exhaustive direct microextraction technique of polycyclic aromatic hydrocarbons from plants. Analytica Chimica Acta, 2013, 805, 45-53.	5.4	19
81	Water-based gas purge microsyringe extraction coupled with liquid chromatography for determination of alkylphenols from sea food Laminaria japonica Aresh. Journal of Chromatography A, 2013, 1300, 38-42.	3.7	24
82	An on-line sample pretreatment technique for the HPLC analysis of plant samples. Journal of Separation Science, 2013, 36, 3599-3607.	2.5	1
83	Research on Liquid Chromatography Step Injection System. , 2013, , .		0
84	Research on Combining System of Gas Flow Liquid Phase Microextraction and Gas Chromatography. , 2012, , .		0
85	Gas-Purged Headspace Liquid Phase Microextraction System for Determination of Volatile and Semivolatile Analytes. Journal of Analytical Methods in Chemistry, 2012, 2012, 1-7.	1.6	0
86	Yangonin Blocks Tumor Necrosis Factor-Î±â€“Induced Nuclear Factor-ÎºBâ€“Dependent Transcription by Inhibiting the Transactivation Potential of the RelA/p65 Subunit. Journal of Pharmacological Sciences, 2012, 118, 447-454.	2.5	9
87	A cysteine probe with high selectivity and sensitivity promoted by response-assisted electrostatic attraction. Chemical Communications, 2012, 48, 8793.	4.1	96
88	Polycyclic aromatic hydrocarbons in air particulates and its effect on the Tumen river area, Northeast China. Atmospheric Environment, 2012, 60, 298-304.	4.1	11
89	In situ measurement of atmospheric carbon dioxide at Yanbian, China: Estimating its northeast Asian emission regions. Science China Earth Sciences, 2012, 55, 1742-1754.	5.2	5
90	Derivatization and liquid chromatographyâ€“UVâ€“tandem mass spectrometric analysis of perfluorinated carboxylic acids. Journal of Chromatography A, 2012, 1235, 132-140.	3.7	8

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91	Cryptopleurine Targets NF-Î²B Pathway, Leading to Inhibition of Gene Products Associated with Cell Survival, Proliferation, Invasion, and Angiogenesis. PLoS ONE, 2012, 7, e40355.	2.5	44
92	Selective detection of zwitterionic arginine with a new Zn(ii)-terpyridine complex: potential application in protein labeling and determination. Chemical Communications, 2011, 47, 3921.	4.1	39
93	Automatic heating and cooling system in a gas purge microsyringe extraction. Talanta, 2011, 86, 142-147.	5.5	25
94	Gas purge microsyringe extraction for quantitative direct gas chromatographicâ€“mass spectrometric analysis of volatile and semivolatile chemicals. Journal of Chromatography A, 2011, 1218, 1549-1555.	3.7	41
95	Occurrence and spatial distribution of organic contaminants in sediments from Chinhae Bay, Korea. Toxicology and Environmental Health Sciences, 2010, 2, 119-124.	2.1	3
96	Dispersion of organic contaminants from wastewater treatment outfall in Masan Bay, Korea. Toxicology and Environmental Health Sciences, 2010, 2, 200-206.	2.1	6
97	Ice phase as an important factor on the seasonal variation of polycyclic aromatic hydrocarbons in the Tumen River, Northeastern of China. Environmental Science and Pollution Research, 2010, 17, 1379-1387.	5.3	9
98	Primary study of volatiles composition of Rhodiola sachalinensis by using gas chromatography and mass spectrometry (GC/MS). Korean Journal of Chemical Engineering, 2010, 27, 1262-1268.	2.7	5
99	Nonylphenol in bivalves and sediments in the northeast coast of China. Journal of Environmental Sciences, 2010, 22, 1735-1740.	6.1	22
100	MALDI-TOF-MS analysis of small molecules using modified mesoporous material SBA-15 as assisted matrix. Journal of the American Society for Mass Spectrometry, 2009, 20, 2167-2173.	2.8	31
101	Gas flow headspace liquid phase microextraction. Journal of Chromatography A, 2009, 1216, 7694-7699.	3.7	26
102	Improved cleanup technique for gas chromatographicâ€“mass spectrometric determination of alkylphenols from biota extract. Journal of Chromatography A, 2007, 1171, 15-21.	3.7	23
103	Distribution characteristics of nonylphenols in the artificial Lake Shihwa, and surrounding creeks in Korea. Chemosphere, 2004, 56, 783-790.	8.2	59
104	Direct extraction of alkylphenols, chlorophenols and bisphenol A from acid-digested sediment suspension for simultaneous gas chromatographicâ€“mass spectrometric analysis. Journal of Chromatography A, 2003, 1012, 207-214.	3.7	60
105	Silyl Derivatization of Alkylphenols, Chlorophenols, and Bisphenol A for Simultaneous GC/MS Determination. Analytical Chemistry, 2001, 73, 3089-3095.	6.5	156
106	Application of machine learning algorithms in predicting the photocatalytic degradation of perfluorooctanoic acid. Catalysis Reviews - Science and Engineering, 0, , 1-26.	12.9	17