Chengbin Zheng

List of Publications by Year
in descending order

119 papers	5,073 citations	57758 44 h-index	106344 65 g-index
120 all docs	120 docs citations	120 times ranked	3387 citing authors

#	Article	IF	Citations
1	Determination and speciation of mercury in environmental and biological samples by analytical atomic spectrometry. Microchemical Journal, 2012, 103, 1-14.	4.5	215
2	Photo-induced chemical vapor generation with formic acid for ultrasensitive atomic fluorescence spectrometric determination of mercury: potential application to mercury speciation in water. Journal of Analytical Atomic Spectrometry, 2005, 20, 746.	3.0	185
3	Applications of chemical vapor generation in non-tetrahydroborate media to analytical atomic spectrometry. Journal of Analytical Atomic Spectrometry, 2010, 25, 1217.	3.0	156
4	Critical evaluation of the application of photochemical vapor generation in analytical atomic spectrometry. Analytical and Bioanalytical Chemistry, 2007, 388, 769-774.	3.7	136
5	Ultrarapid in Situ Synthesis of Cu₂S Nanosheet Arrays on Copper Foam with Room-Temperature-Active Iodine Plasma for Efficient and Cost-Effective Oxygen Evolution. ACS Catalysis, 2018, 8, 3859-3864.	11.2	129
6	Fe₃Nâ€Co₂N Nanowires Array: A Nonâ€Nobleâ€Metal Bifunctional Catalyst Electrode for Highâ€Performance Glucose Oxidation and H₂O₂ Reduction toward Nonâ€Enzymatic Sensing Applications. Chemistry - A European Journal, 2017, 23, 5214-5218.	3.3	117
7	Interconnected urchin-like cobalt phosphide microspheres film for highly efficient electrochemical hydrogen evolution in both acidic and basic media. Journal of Materials Chemistry A, 2016, 4, 10114-10117.	10.3	103
8	Recent Advance of Hydride Generationâ€“Analytical Atomic Spectrometry: Part Iâ€”Technique Development. Applied Spectroscopy Reviews, 2012, 47, 382-413.	6.7	97
9	Temperature and nano-TiO2 controlled photochemical vapor generation for inorganic selenium speciation analysis by AFS or ICP-MS without chromatographic separation. Journal of Analytical Atomic Spectrometry, 2008, 23, 514.	3.0	94
10	UV photochemical vapor generationâ€“atomic fluorescence spectrometric determination of conventional hydride generation elements. Microchemical Journal, 2010, 95, 32-37.	4.5	94
11	UV Photochemical Vapor Generation Sample Introduction for Determination of Ni, Fe, and Se in Biological Tissue by Isotope Dilution ICPMS. Analytical Chemistry, 2010, 82, 3899-3904.	6.5	89
12	Electrothermal Vaporization for Universal Liquid Sample Introduction to Dielectric Barrier Discharge Microplasma for Portable Atomic Emission Spectrometry. Analytical Chemistry, 2014, 86, 5220-5224.	6.5	83
13	Nanomaterials in analytical atomic spectrometry. TrAC - Trends in Analytical Chemistry, 2012, 39, 38-59.	11.4	79
14	An ethanol sensor based on cataluminescence on ZnO nanoparticles. Talanta, 2007, 72, 1593-1597.	5.5	78
15	Versatile Thin-Film Reactor for Photochemical Vapor Generation. Analytical Chemistry, 2010, 82, 3086-3093.	6.5	78
16	Enzymeâ€Mediated Endogenous and Bioorthogonal Control of a DNAzyme Fluorescent Sensor for Imaging Metal Ions in Living Cells. Angewandte Chemie - International Edition, 2019, 58, 17061-17067.	13.8	78
17	High-Yield UV-Photochemical Vapor Generation of Iron for Sample Introduction with Inductively Coupled Plasma Optical Emission Spectrometry. Analytical Chemistry, 2010, 82, 2996-3001.	6.5	77
18	Sample matrix-assisted photo-induced chemical vapor generation: a reagent free green analytical method for ultrasensitive detection of mercury in wine or liquor samples. Journal of Analytical Atomic Spectrometry, 2006, 21, 82-85.	3.0	74

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19	Photo-induced cold vapor generation with low molecular weight alcohol, aldehyde, or carboxylic acid for atomic fluorescence spectrometric determination of mercury. Analytical and Bioanalytical Chemistry, 2007, 388, 825-830.	3.7	74
20	Recent Advance of Hydride Generationâ€“Analytical Atomic Spectrometry: Part IIâ€”Analysis of Real Samples. Applied Spectroscopy Reviews, 2012, 47, 495-517.	6.7	74
21	Ultrasensitive Speciation Analysis of Mercury in Rice by Headspace Solid Phase Microextraction Using Porous Carbons and Gas Chromatography-Dielectric Barrier Discharge Optical Emission Spectrometry. Environmental Science & Technology, 2016, 50, 2468-2476.	10.0	72
22	Copper Ion Assisted Photochemical Vapor Generation of Chlorine for Its Sensitive Determination by Sector Field Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2018, 90, 4112-4118.	6.5	72
23	Determination of Hg, Fe, Ni, and Co by Miniaturized Optical Emission Spectrometry Integrated with Flow Injection Photochemical Vapor Generation and Point Discharge. Analytical Chemistry, 2015, 87, 10712-10718.	6.5	71
24	Vapor generation in dielectric barrier discharge for sensitive detection of mercury by inductively coupled plasma optical emission spectrometry. Journal of Analytical Atomic Spectrometry, 2011, 26, 1204.	3.0	70
25	Hydride Generation for Headspace Solid-Phase Extraction with CdTe Quantum Dots Immobilized on Paper for Sensitive Visual Detection of Selenium. Analytical Chemistry, 2016, 88, 789-795.	6.5	70
26	Headspace Solid-Phase Microextraction Coupled to Miniaturized Microplasma Optical Emission Spectrometry for Detection of Mercury and Lead. Analytical Chemistry, 2018, 90, 3683-3691.	6.5	69
27	Dielectric Barrier Discharge in Analytical Spectrometry. Applied Spectroscopy Reviews, 2011, 46, 368-387.	6.7	66
28	UV photochemical vapor generation and in situ preconcentration for determination of ultra-trace nickel by flow injection graphite furnace atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2009, 24, 1452.	3.0	65
29	Advanced oxidation using Fe3O4 magnetic nanoparticles and its application in mercury speciation analysis by high performance liquid chromatography-cold vapor generation atomic fluorescence spectrometry. Analyst, The, 2013, 138, 3494.	3.5	63
30	Room Temperature Cation Exchange Reaction in Nanocrystals for Ultrasensitive Speciation Analysis of Silver Ions and Silver Nanoparticles. Analytical Chemistry, 2015, 87, 6584-6591.	6.5	63
31	Dielectric Barrier Discharge Carbon Atomic Emission Spectrometer: Universal GC Detector for Volatile Carbon-Containing Compounds. Analytical Chemistry, 2014, 86, 936-942.	6.5	58
32	On-line preconcentration and in situ photochemical vapor generation in coiled reactor for speciation analysis of mercury and methylmercury by atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2011, 26, 126-132.	3.0	56
33	Single Drop Solution Electrode Glow Discharge for Plasma Assisted-Chemical Vapor Generation: Sensitive Detection of Zinc and Cadmium in Limited Amounts of Samples. Analytical Chemistry, 2014, 86, 12093-12099.	6.5	56
34	Dielectric Barrier Discharge Molecular Emission Spectrometer as Multichannel GC Detector for Halohydrocarbons. Analytical Chemistry, 2011, 83, 5050-5055.	6.5	54
35	Application of flow injectionâ€“green chemical vapor generationâ€“atomic fluorescence spectrometry to ultrasensitive mercury speciation analysis of water and biological samples. Microchemical Journal, 2016, 127, 62-67.	4.5	54
36	Organic Solvent-Free Cloud Point Extraction-like Methodology Using Aggregation of Graphene Oxide. Analytical Chemistry, 2014, 86, 758-765.	6.5	51

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37	Miniaturized Dielectric Barrier Discharge Carbon Atomic Emission Spectrometry with Online Microwave-Assisted Oxidation for Determination of Total Organic Carbon. Analytical Chemistry, 2014, 86, 6214-6219.	6.5	51
38	Dielectric barrier discharge-assisted one-pot synthesis of carbon quantum dots as fluorescent probes for selective and sensitive detection of hydrogen peroxide and glucose. Talanta, 2015, 142, 51-56.	5.5	49
39	Disposable Paper-Based Analytical Device for Visual Speciation Analysis of Ag(I) and Silver Nanoparticles (AgNPs). Analytical Chemistry, 2019, 91, 3359-3366.	6.5	49
40	Direct Determination of Trace Antimony in Natural Waters by Photochemical Vapor Generation ICPMS: Method Optimization and Comparison of Quantitation Strategies. Analytical Chemistry, 2015, 87, 7996-8004.	6.5	47
41	Point Discharge Optical Emission Spectrometer as a Gas Chromatography (GC) Detector for Speciation Analysis of Mercury in Human Hair. Analytical Chemistry, 2018, 90, 11996-12003.	6.5	47
42	Recyclable Decoration of Amine-Functionalized Magnetic Nanoparticles with Ni²⁺ for Determination of Histidine by Photochemical Vapor Generation Atomic Spectrometry. Analytical Chemistry, 2014, 86, 842-848.	6.5	46
43	Cost-effective and environmentally friendly synthesis of 3D Ni₂P from scrap nickel for highly efficient hydrogen evolution in both acidic and alkaline media. Journal of Materials Chemistry A, 2018, 6, 4088-4094.	10.3	46
44	Label-Free and Separation-Free Atomic Fluorescence Spectrometry-Based Bioassay: Sensitive Determination of Single-Strand DNA, Protein, and Double-Strand DNA. Analytical Chemistry, 2016, 88, 2065-2071.	6.5	45
45	Three Birds with One Fe₃O₄ Nanoparticle: Integration of Microwave Digestion, Solid Phase Extraction, and Magnetic Separation for Sensitive Determination of Arsenic and Antimony in Fish. Analytical Chemistry, 2015, 87, 5866-5871.	6.5	44
46	Hydride generation-point discharge microplasma-optical emission spectrometry for the determination of trace As, Bi, Sb and Sn. Journal of Analytical Atomic Spectrometry, 2016, 31, 2427-2433.	3.0	44
47	Photochemical vapor generation of carbonyl for ultrasensitive atomic fluorescence spectrometric determination of cobalt. Microchemical Journal, 2010, 96, 277-282.	4.5	42
48	Microwave-enhanced cold vapor generation for speciation analysis of mercury by atomic fluorescence spectrometry. Talanta, 2012, 94, 146-151.	5.5	41
49	UV light-emitting-diode photochemical mercury vapor generation for atomic fluorescence spectrometry. Analyst, The, 2012, 137, 686-690.	3.5	40
50	Molecularly imprinted dispersive solid-phase microextraction for determination of sulfamethazine by capillary electrophoresis. Mikrochimica Acta, 2012, 178, 293-299.	5.0	40
51	Strand Displacement-Induced Enzyme-Free Amplification for Label-Free and Separation-Free Ultrasensitive Atomic Fluorescence Spectrometric Detection of Nucleic Acids and Proteins. Analytical Chemistry, 2016, 88, 12386-12392.	6.5	40
52	Single-Drop Solution Electrode Discharge-Induced Cold Vapor Generation Coupling to Matrix Solid-Phase Dispersion: A Robust Approach for Sensitive Quantification of Total Mercury Distribution in Fish. Analytical Chemistry, 2017, 89, 2093-2100.	6.5	38
53	Sensitive determination of mercury by a miniaturized spectrophotometer after in situ single-drop microextraction. Journal of Hazardous Materials, 2010, 183, 549-553.	12.4	36
54	UV-induced carbonyl generation with formic acid for sensitive determination of nickel by atomic fluorescence spectrometry. Talanta, 2010, 80, 1239-1244.	5.5	36

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55	Metal organic frameworks CAU-1 as new photocatalyst for photochemical vapour generation for analytical atomic spectrometry. Journal of Analytical Atomic Spectrometry, 2015, 30, 339-342.	3.0	36
56	Online solid sampling platform using multi-wall carbon nanotube assisted matrix solid phase dispersion for mercury speciation in fish by HPLC-ICP-MS. Journal of Analytical Atomic Spectrometry, 2015, 30, 882-887.	3.0	34
57	Integration of Flow Injection Capillary Liquid Electrode Discharge Optical Emission Spectrometry and Microplasma-Induced Vapor Generation: A System for Detection of Ultratrace Hg and Cd in a Single Drop of Human Whole Blood. Analytical Chemistry, 2019, 91, 2701-2709.	6.5	34
58	Ultrasensitive determination of selenium by atomic fluorescence spectrometry using nano-TiO₂pre-concentration and in situhydride generation. Journal of Analytical Atomic Spectrometry, 2012, 27, 270-275.	3.0	33
59	Chemical Vapor Generation for Determination of Mercury by Inductively Coupled Plasma Mass Spectrometry. Applied Spectroscopy Reviews, 2007, 42, 79-102.	6.7	32
60	Thin film hydride generation: determination of ultra-trace copper by flow injection in situ hydride trapping graphite furnace AAS. Journal of Analytical Atomic Spectrometry, 2010, 25, 1159.	3.0	32
61	Preconcentration and in-situ photoreduction of trace selenium using TiO2 nanoparticles, followed by its determination by slurry photochemical vapor generation atomic fluorescence spectrometry. Mikrochimica Acta, 2014, 181, 197-204.	5.0	31
62	Integration of hydride generation and photochemical vapor generation for multi-element analysis of traditional Chinese medicine by ICP-OES. Microchemical Journal, 2015, 123, 164-169.	4.5	31
63	Continuous and Inexpensive Monitoring of Nonpurgeable Organic Carbon by Coupling High-Efficiency Photo-oxidation Vapor Generation with Miniaturized Point-Discharge Optical Emission Spectrometry. Environmental Science & Technology, 2017, 51, 9109-9117.	10.0	31
64	Photochemical vapor generation and in situ preconcentration for determination of mercury by graphite furnace atomic absorption spectrometry. Analytical Methods, 2015, 7, 3015-3021.	2.7	30
65	Pump- and Valve-Free Flow Injection Capillary Liquid Electrode Discharge Optical Emission Spectrometry Coupled to a Droplet Array Platform. Analytical Chemistry, 2017, 89, 703-710.	6.5	30
66	UV Irradiation Controlled Cold Vapor Generation Using SnCl₂ as Reductant for Mercury Speciation. Analytical Sciences, 2006, 22, 1361-1365.	1.6	29
67	Co₃O₄ Nanowire Arrays toward Superior Water Oxidation Electrocatalysis in Alkaline Media by Surface Amorphization. Chemistry - A European Journal, 2017, 23, 15601-15606.	3.3	29
68	One-step synthesis of monodispersed Pt nanoparticles anchored on 3D graphene foams and its application for electrocatalytic hydrogen evolution. Chinese Chemical Letters, 2020, 31, 1540-1544.	9.0	29
69	Solution-free, in situ preparation of nano/micro CuO/ZnO in dielectric barrier discharge for sensitive cataluminescence sensing of acetic acid. Analyst, The, 2013, 138, 3687.	3.5	28
70	Three-Dimensional Printed Dual-Mode Chemical Vapor Generation Point Discharge Optical Emission Spectrometer for Field Speciation Analyses of Mercury and Inorganic Selenium. Analytical Chemistry, 2021, 93, 14923-14928.	6.5	27
71	UV-induced atomization of gaseous mercury hydrides for atomic fluorescence spectrometric detection of inorganic and organic mercury after high performance liquid chromatographic separation. Journal of Analytical Atomic Spectrometry, 2013, 28, 510.	3.0	25
72	Analytical Method for the Determination of Trace Toxic Elements in Milk Based on Combining Fe₃O₄ Nanoparticles Accelerated UV Fenton-like Digestion and Solid Phase Extraction. Journal of Agricultural and Food Chemistry, 2014, 62, 8586-8593.	5.2	25

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73	Self-photo-oxidation for extending visible light absorption of carbon dots and oxidase-like activity. Carbon, 2021, 182, 537-544.	10.3	25
74	Improved hollow fiber supported liquidâ€“liquidâ€“liquid membrane microextraction for speciation of inorganic and organic mercury by capillary electrophoresis. Analytical Methods, 2013, 5, 1185.	2.7	24
75	Flow injection hydride generation for on-atomizer trapping: Highly sensitive determination of cadmium by tungsten coil atomic absorption spectrometry. Microchemical Journal, 2014, 112, 7-12.	4.5	24
76	Influence of Speciation on the Response from Selenium to UV-Photochemical Vapor Generation. Analytical Sciences, 2012, 28, 807-811.	1.6	22
77	Size-controllable synthesis of spherical ZnO nanoparticles: Size- and concentration-dependent resonant light scattering. Microchemical Journal, 2012, 100, 61-65.	4.5	22
78	Facile electrochemical synthesis of nano iron porous coordination polymer using scrap iron for simultaneous and cost-effective removal of organic and inorganic arsenic. Chinese Chemical Letters, 2018, 29, 456-460.	9.0	22
79	Methanol-Enhanced Liquid Electrode Discharge Microplasma-Induced Vapor Generation of Hg, Cd, and Zn: The Possible Mechanism and Its Application. Analytical Chemistry, 2021, 93, 8257-8264.	6.5	22
80	Determination of ultratrace nitrogen in pure argon gas by dielectric barrier discharge-molecular emission spectrometry. Microchemical Journal, 2011, 99, 114-117.	4.5	21
81	Chemical vapor generation from an ionic liquid using a solid reductant: determination of Hg, As and Sb by atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2016, 31, 415-422.	3.0	21
82	Headspace Solid-Phase Microextraction Following Chemical Vapor Generation for Ultrasensitive, Matrix Effect-Free Detection of Nitrite by Microplasma Optical Emission Spectrometry. Analytical Chemistry, 2021, 93, 6972-6979.	6.5	21
83	In Situ Fabrication of Nanoceria with Oxidase-like Activity at Neutral pH: Mechanism and Boosted Bio-Nanozyme Cascades. ACS Applied Materials & Interfaces, 2021, 13, 50236-50245.	8.0	21
84	Photochemical vapor generation for removing nickel impurities from carbon nanotubes and its real-time monitoring by atomic fluorescence spectrometry. Microchemical Journal, 2014, 117, 83-88.	4.5	20
85	UV-assisted Fenton digestion of rice for the determination of trace cadmium by hydride generation atomic fluorescence spectrometry. Analyst, The, 2016, 141, 1512-1518.	3.5	20
86	Low-Temperature and Atmospheric Pressure Sample Digestion Using Dielectric Barrier Discharge. Analytical Chemistry, 2018, 90, 1547-1553.	6.5	19
87	Detection and Quantification of Tightly Bound Zn²⁺ in Blood Serum Using a Photocaged Chelator and a DNAzyme Fluorescent Sensor. Analytical Chemistry, 2021, 93, 5856-5861.	6.5	19
88	Growth of Carbonaceous Nanoparticles on Steel Fiber from Candle Flame for the Long-Term Preservation of Ultratrace Mercury by Solid-Phase Microextraction. Analytical Chemistry, 2020, 92, 9583-9590.	6.5	18
89	Application of Preconcentration and Separation Techniques in Atomic Fluorescence Spectrometry. Applied Spectroscopy Reviews, 2015, 50, 678-705.	6.7	16
90	A novel capillary microplasma analytical system: interface-free coupling of glow discharge optical emission spectrometry to capillary electrophoresis. Journal of Analytical Atomic Spectrometry, 2016, 31, 1423-1429.	3.0	16

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91	In-site and solvent-free exfoliation of porous graphene oxide from pencil lead fiber for solid-phase microextraction of cadmium ion before GF-AAS determination. Mikrochimica Acta, 2021, 188, 172.	5.0	16
92	A compact electrothermal-flame tandem atomizer for highly sensitive atomic fluorescence spectrometry. Journal of Analytical Atomic Spectrometry, 2012, 27, 1780.	3.0	15
93	In-atomizer atom trapping on gold nanoparticles for sensitive determination of mercury by flow injection cold vapor generation atomic absorption spectrometry. Journal of Analytical Atomic Spectrometry, 2014, 29, 367-373.	3.0	15
94	Derivatization reaction-based surface-enhanced Raman scattering (SERS) for detection of trace acetone. Talanta, 2016, 155, 87-93.	5.5	15
95	Simple Universal Strategy for Quantification of Carboxyl Groups on Carbon Nanomaterials: Carbon Dioxide Vapor Generation Coupled to Microplasma for Optical Emission Spectrometric Detection. Analytical Chemistry, 2020, 92, 3528-3534.	6.5	15
96	Dual-mode chemical vapor generation for simultaneous determination of hydride-forming and non-hydride-forming elements by atomic fluorescence spectrometry. Analyst, The, 2014, 139, 2538-2544.	3.5	14
97	In Situ Synthesis of Porous Carbons by Using Roomâ€Temperature, Atmosphericâ€Pressure Dielectric Barrier Discharge Plasma as Highâ€Performance Adsorbents for Solidâ€Phase Microextraction. Chemistry - A European Journal, 2015, 21, 13618-13624.	3.3	14
98	Integrating photochemical vapor generation with photo-oxidation trapping for effective mercury removal from polluted water and its on-line monitoring. Microchemical Journal, 2016, 129, 98-103.	4.5	14
99	Reduction of mercury(II) by electrons contained in carbon dots: An environmentally friendly cold vapor generation for mercury analysis. Chinese Chemical Letters, 2020, 31, 2678-2682.	9.0	14
100	MnFe2O4 micromotors enhanced field digestion and solid phase extraction for on-site determination of arsenic in rice and water. Analytica Chimica Acta, 2021, 1156, 338354.	5.4	14
101	Improved hydride generation-atomic fluorescence spectrometry for determination of trace lead: minimization of blank from potassium ferricyanide. Analytical Methods, 2012, 4, 4058.	2.7	13
102	Enzymeâ€Mediated Endogenous and Bioorthogonal Control of a DNAzyme Fluorescent Sensor for Imaging Metal Ions in Living Cells. Angewandte Chemie, 2019, 131, 17217-17223.	2.0	12
103	On-line chemical vapor generation for determination of total sulfur dioxide in wine samples using an atomic fluorescence spectrometer. Journal of Analytical Atomic Spectrometry, 2018, 33, 161-167.	3.0	10
104	Compact flame atomic absorption spectrometer based on handheld CCD for simultaneous determination of calcium and magnesium in water. Journal of Analytical Atomic Spectrometry, 2005, 20, 60.	3.0	7
105	Thiol inhibition of Hg cold vapor generation in SnCl2/NaBH4 system: A homogeneous bioassay for H2O2/glucose and butyrylcholinesterase/pesticide sensing by atomic spectrometry. Analytica Chimica Acta, 2020, 1111, 8-15.	5.4	7
106	Microplasma-induced vapor generation for rapid, sample preparation-free screening of mercury in fruits and vegetables. Analyst, The, 2021, 146, 3852-3857.	3.5	7
107	Direct coupling of liquidâ€“liquid extraction with 3D-printed microplasma optical emission spectrometer for speciation analysis of mercury in fish oil. Microchemical Journal, 2022, 179, 107569.	4.5	7
108	Online multichannel ultrasonic extraction for high throughput determination of arsenic in soil by sequential injection slurry hydride generation atomic fluorescence spectrometry. Analytical Methods, 2013, 5, 3142.	2.7	6

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109	Miniature microplasma carbon optical emission spectrometry for detection of dissolved oxygen in water. Microchemical Journal, 2021, 171, 106862.	4.5	6
110	Analysis of silver-associated proteins in pathogen via combination of native SDS-PAGE, fluorescent staining, and inductively coupled plasma mass spectrometry. Journal of Chromatography A, 2019, 1607, 460393.	3.7	5
111	Determination of the isotopic composition of lutetium using MC-ICPMS. Analytical and Bioanalytical Chemistry, 2020, 412, 6257-6263.	3.7	5
112	Application of solid-phase microextraction in atomic spectrometry. Advances in Sample Preparation, 2022, , 100033.	3.0	5
113	A microplasma optical emission spectrometry pen for point-of-care diagnosis of child blood lead. Journal of Hazardous Materials, 2022, 439, 129607.	12.4	5
114	Saturated Solution of PbSO4as Standard Stock Solution and Its Applications in Analytical Spectroscopy: Screening Analysis of Lead in Natural Water andUsnea longissima. Spectroscopy Letters, 2007, 40, 537-545.	1.0	4
115	Trapping and preconcentration of volatile organic sulfur compounds in water samples by portable and battery-powered trapping device prior to gas chromatography-sulfur chemiluminescence determination. Journal of Chromatography A, 2020, 1619, 460947.	3.7	3
116	Can low-temperature point discharge Be used as atomic emission source for sensitive determination of cyclic volatile methylsiloxanes?. Analytica Chimica Acta, 2020, 1124, 121-128.	5.4	2
117	3D printed miniature atomic emission detector coupling with gas chromatography: A sensitive and cost-effective strategy for the determination of volatile methylsiloxanes in municipal sewage. Analytica Chimica Acta, 2022, 1191, 339288.	5.4	2
118	Excessive consumption mechanism of hydrazine in the reaction with ReO₄^{â˜'}: Re species evolution and ReO₂Â·nH₂O-catalyzed decomposition. Inorganic Chemistry Frontiers, 2022, 9, 3532-3541.	6.0	1
119	Catalysts in photochemical vapor generation. , 2022, , 265-281.		0