

Zhi Xing

List of Publications by Year in descending order

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papers

599
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840776

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all docs

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604
citing authors

#	ARTICLE	IF	CITATIONS
1	Metal Stable Isotope Tagging: Renaissance of Radioimmunoassay for Multiplex and Absolute Quantification of Biomolecules. <i>Accounts of Chemical Research</i> , 2016, 49, 775-783.	15.6	130
2	Absolute and Relative Quantification of Multiplex DNA Assays Based on an Elemental Labeling Strategy. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1466-1471.	13.8	100
3	Multiplex miRNA assay using lanthanide-tagged probes and the duplex-specific nuclease amplification strategy. <i>Chemical Communications</i> , 2016, 52, 14310-14313.	4.1	59
4	Low temperature hydrogen plasma assisted chemical vapor generation for Atomic Fluorescence Spectrometry. <i>Talanta</i> , 2014, 126, 1-7.	5.5	38
5	Determination of bismuth in solid samples by hydride generation atomic fluorescence spectrometry with a dielectric barrier discharge atomizer. <i>Talanta</i> , 2009, 80, 139-142.	5.5	37
6	Depth Profiling of Nanometer Coatings by Low Temperature Plasma Probe Combined with Inductively Coupled Plasma Mass Spectrometry. <i>Analytical Chemistry</i> , 2010, 82, 5872-5877.	6.5	37
7	Chemical-Modified Nucleotide-Based Elemental Tags for High-Sensitive Immunoassay. <i>Analytical Chemistry</i> , 2019, 91, 5980-5986.	6.5	36
8	Determination of antimony in water samples by hydride generation coupled with atmospheric pressure glow discharge atomic emission spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 331-337.	3.0	22
9	Rapid screening of copper intermediates in Cu-catalyzed azide-alkyne cycloaddition using a modified ICP-MS/MS platform. <i>Chemical Communications</i> , 2016, 52, 10501-10504.	4.1	15
10	Simultaneous competitive and sandwich formats multiplexed immunoassays based on ICP-MS detection. <i>Talanta</i> , 2018, 185, 237-242.	5.5	13
11	Determination of nitrate and ammonium ions in water samples by atmospheric pressure glow discharge microplasma molecular emission spectrometry coupled with chemical vapour generation. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 2153-2159.	3.0	8
12	ICP-MS/MS as a tool to study abiotic methylation of inorganic mercury reacting with VOCs. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 1997-2002.	3.0	7
13	Simultaneous detection of three gynecological tumor biomarkers in clinical serum samples using an ICP-MS-based magnetic immunoassay. <i>Analytical Methods</i> , 2017, 9, 2546-2552.	2.7	7
14	Ratiometric quantification of Î²2-microglobulin antigen in human serum based on elemental labeling strategy. <i>Talanta</i> , 2018, 189, 249-253.	5.5	7
15	Simultaneous determination of gastric cancer biomarkers pepsinogen PGI/PGII using element tagged immunoassay coupled with inductively coupled plasma mass spectrometry detection. <i>Journal of Clinical Laboratory Analysis</i> , 2020, 34, e23287.	2.1	7
16	A rapid screening platform for catalyst discovery in azide-alkyne cycloaddition by ICP-MS/MS. <i>Talanta</i> , 2017, 165, 39-43.	5.5	6
17	Rapid screening of gaseous catalysts in methane activation using ICP-QQQ-MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 563-568.	3.0	6
18	The screening of intermediates in a ruthenium and iridium ion-catalyzed gas-phase reaction of ethanol converting to butanol by ICP-MS/MS. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 804-809.	3.0	6

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19	Detection of intermediates for diatomic [TaO] ⁺ catalyzed gas-phase reaction of methane coupling to ethane and ethylene by ICP-MS/MS. <i>Microchemical Journal</i> , 2021, 161, 105762.	4.5	5
20	Determination of Tellurium by Atomic Fluorescence Spectrometry Based on Dielectric Barrier Discharge Atomizer. <i>Chinese Journal of Analytical Chemistry</i> , 2010, 38, 357-361.	1.7	5
21	A novel vapor generation method using hydrogen-containing plasma for Se direct solid sampling. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 904-911.	3.0	3
22	A multiplex bacterial assay using an element-labeled strategy for 16S rRNA detection. <i>Analyst</i> , The, 2020, 145, 6821-6825.	3.5	2
23	Intermediates detection in the conversion of ethanol to butanol catalyzed by zirconium, cerium, titanium monoxide cations by inductively coupled plasma tandem mass spectrometry. <i>Microchemical Journal</i> , 2020, 156, 104926.	4.5	2
24	Arsenic retention in erythrocytes and excessive erythrophagocytosis is related to low selenium status by impaired redox homeostasis. <i>Redox Biology</i> , 2022, 52, 102321.	9.0	1