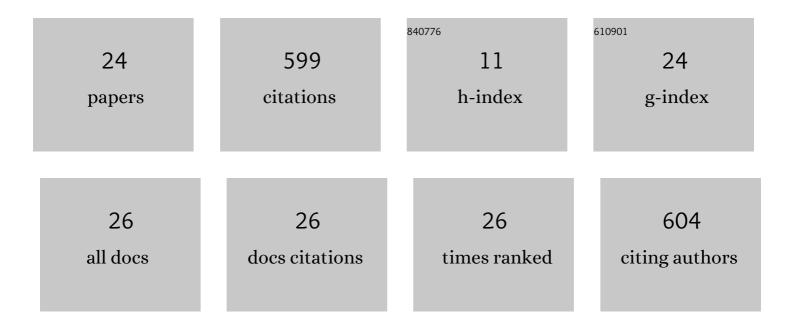
## Zhi Xing

## List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Arsenic retention in erythrocytes and excessive erythrophagocytosis is related to low selenium status by impaired redox homeostasis. Redox Biology, 2022, 52, 102321.	9.0	1
2	Detection of intermediates for diatomic [TaO]+ catalyzed gas-phase reaction of methane coupling to ethane and ethylene by ICP-MS/MS. Microchemical Journal, 2021, 161, 105762.	4.5	5
3	A multiplex bacterial assay using an element-labeled strategy for 16S rRNA detection. Analyst, The, 2020, 145, 6821-6825.	3.5	2
4	Intermediates detection in the conversion of ethanol to butanol catalyzed by zirconium, cerium, titanium monoxide cations by inductively coupled plasma tandem mass spectrometry. Microchemical Journal, 2020, 156, 104926.	4.5	2
5	Simultaneous determination of gastric cancer biomarkers pepsinogen PGI/PGII using element tagged immunoassay coupled with inductively coupled plasma mass spectrometry detection. Journal of Clinical Laboratory Analysis, 2020, 34, e23287.	2.1	7
6	A novel vapor generation method using hydrogen-containing plasma for Se direct solid sampling. Journal of Analytical Atomic Spectrometry, 2020, 35, 904-911.	3.0	3
7	The screening of intermediates in a ruthenium and iridium ion-catalyzed gas-phase reaction of ethanol converting to butanol by ICP-MS/MS. Journal of Analytical Atomic Spectrometry, 2020, 35, 804-809.	3.0	6
8	Determination of antimony in water samples by hydride generation coupled with atmospheric pressure glow discharge atomic emission spectrometry. Journal of Analytical Atomic Spectrometry, 2019, 34, 331-337.	3.0	22
9	Chemical-Modified Nucleotide-Based Elemental Tags for High-Sensitive Immunoassay. Analytical Chemistry, 2019, 91, 5980-5986.	6.5	36
10	Rapid screening of gaseous catalysts in methane activation using ICP-QQQ-MS. Journal of Analytical Atomic Spectrometry, 2018, 33, 563-568.	3.0	6
11	Simultaneous competitive and sandwich formats multiplexed immunoassays based on ICP-MS detection. Talanta, 2018, 185, 237-242.	5.5	13
12	Determination of nitrate and ammonium ions in water samples by atmospheric pressure glow discharge microplasma molecular emission spectrometry coupled with chemical vapour generation. Journal of Analytical Atomic Spectrometry, 2018, 33, 2153-2159.	3.0	8
13	Ratiometric quantification of $\hat{l}^2$ 2-microglobulin antigen in human serum based on elemental labeling strategy. Talanta, 2018, 189, 249-253.	5.5	7
14	Simultaneous detection of three gynecological tumor biomarkers in clinical serum samples using an ICP-MS-based magnetic immunoassay. Analytical Methods, 2017, 9, 2546-2552.	2.7	7
15	A rapid screening platform for catalyst discovery in azide–alkyne cycloaddition by ICP-MS/MS. Talanta, 2017, 165, 39-43.	5.5	6
16	Rapid screening of copper intermediates in Cu( <scp>i</scp> )-catalyzed azide–alkyne cycloaddition using a modified ICP-MS/MS platform. Chemical Communications, 2016, 52, 10501-10504.	4.1	15
17	Multiplex miRNA assay using lanthanide-tagged probes and the duplex-specific nuclease amplification strategy. Chemical Communications, 2016, 52, 14310-14313.	4.1	59
18	Metal Stable Isotope Tagging: Renaissance of Radioimmunoassay for Multiplex and Absolute Quantification of Biomolecules. Accounts of Chemical Research, 2016, 49, 775-783.	15.6	130

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19	ICP-MS/MS as a tool to study abiotic methylation of inorganic mercury reacting with VOCs. Journal of Analytical Atomic Spectrometry, 2015, 30, 1997-2002.	3.0	7
20	Low temperature hydrogen plasma assisted chemical vapor generation for Atomic Fluorescence Spectrometry. Talanta, 2014, 126, 1-7.	5.5	38
21	Absolute and Relative Quantification of Multiplex DNA Assays Based on an Elemental Labeling Strategy. Angewandte Chemie - International Edition, 2013, 52, 1466-1471.	13.8	100
22	Depth Profiling of Nanometer Coatings by Low Temperature Plasma Probe Combined with Inductively Coupled Plasma Mass Spectrometry. Analytical Chemistry, 2010, 82, 5872-5877.	6.5	37
23	Determination of Tellurium by Atomic Fluorescence Spectrometry Based on Dielectric Barrier Discharge Atomizer. Chinese Journal of Analytical Chemistry, 2010, 38, 357-361.	1.7	5
24	Determination of bismuth in solid samples by hydride generation atomic fluorescence spectrometry with a dielectric barrier discharge atomizer. Talanta, 2009, 80, 139-142.	5.5	37