

# Zhou Long

## List of Publications by Year in descending order

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29  
papers

1,466  
citations

361413

20  
h-index

477307

29  
g-index

29  
all docs

29  
docs citations

29  
times ranked

1826  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination and speciation of mercury in environmental and biological samples by analytical atomic spectrometry. <i>Microchemical Journal</i> , 2012, 103, 1-14.	4.5	215
2	Microwave-induced fast incorporation of titanium into UiO-66 metal-organic frameworks for enhanced photocatalytic properties. <i>Chemical Communications</i> , 2017, 53, 3361-3364.	4.1	121
3	Titanium Incorporation into Zr-Porphyrinic Metal-Organic Frameworks with Enhanced Antibacterial Activity against Multidrug-Resistant Pathogens. <i>Small</i> , 2020, 16, e1906240.	10.0	116
4	Recent Advance of Hydride Generation-Analytical Atomic Spectrometry: Part I-Technique Development. <i>Applied Spectroscopy Reviews</i> , 2012, 47, 382-413.	6.7	97
5	Metal-organic framework MIL-53(Fe) for highly selective and ultrasensitive direct sensing of MeHg+. <i>Chemical Communications</i> , 2013, 49, 4670.	4.1	85
6	Recent Advance of Hydride Generation-Analytical Atomic Spectrometry: Part II-Analysis of Real Samples. <i>Applied Spectroscopy Reviews</i> , 2012, 47, 495-517.	6.7	74
7	Cerium-based UiO-66 metal-organic frameworks explored as efficient redox catalysts: titanium incorporation and generation of abundant oxygen vacancies. <i>Chemical Communications</i> , 2019, 55, 13959-13962.	4.1	72
8	Metal-organic frameworks of zeolitic imidazolate framework-7 and zeolitic imidazolate framework-60 for fast mercury and methylmercury speciation analysis. <i>Analytica Chimica Acta</i> , 2013, 804, 240-245.	5.4	66
9	Ultrasensitive determination of inorganic arsenic by hydride generation-atomic fluorescence spectrometry using Fe <sub>3</sub> O <sub>4</sub> @ZIF-8 nanoparticles for preconcentration. <i>Microchemical Journal</i> , 2016, 124, 578-583.	4.5	58
10	Low Power, Low Temperature and Atmospheric Pressure Plasma-Induced Polymerization: Facile Synthesis and Crystal Regulation of Covalent Organic Frameworks. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 9984-9989.	13.8	57
11	AuNPs/COFs as a new type of SERS substrate for sensitive recognition of polyaromatic hydrocarbons. <i>Chemical Communications</i> , 2017, 53, 11044-11047.	4.1	55
12	Colorimetric sensing of bithiols using photocatalytic UiO-66(NH <sub>2</sub> ) as H <sub>2</sub> O <sub>2</sub> -free peroxidase mimics. <i>Talanta</i> , 2016, 158, 276-282.	5.5	49
13	Enhancement of photoredox catalytic properties of porphyrinic metal-organic frameworks based on titanium incorporation via post-synthetic modification. <i>Chemical Communications</i> , 2018, 54, 8610-8613.	4.1	43
14	Ce-based UiO-66 metal-organic frameworks as a new redox catalyst for atomic spectrometric determination of Se(VI) and colorimetric sensing of Hg(II). <i>Microchemical Journal</i> , 2019, 149, 103967.	4.5	43
15	Plasma-catalysed reaction M <sup>n+</sup> + H <sup>+</sup> MOFs: facile and tunable construction of metal-organic frameworks in dielectric barrier discharge. <i>Chemical Communications</i> , 2019, 55, 12192-12195.	4.1	43
16	Facile colorimetric sensing of Pb <sup>2+</sup> using bimetallic lanthanide metal-organic frameworks as luminescent probe for field screen analysis of lead-polluted environmental water. <i>Microchemical Journal</i> , 2017, 134, 140-145.	4.5	43
17	Metal organic frameworks CAU-1 as new photocatalyst for photochemical vapour generation for analytical atomic spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2015, 30, 339-342.	3.0	36
18	Single Bimetallic Lanthanide-Based Metal-Organic Frameworks for Visual Decoding of a Broad Spectrum of Molecules. <i>Analytical Chemistry</i> , 2020, 92, 5500-5508.	6.5	35

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19	A chemiluminescence metalloimmunoassay for sensitive detection of alpha-fetoprotein in human serum using Fe-MIL-88B-NH <sub>2</sub> as a label. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 517-526.	6.7	24
20	Visual enantioselective probe based on metal organic framework incorporating quantum dots. <i>Microchemical Journal</i> , 2013, 110, 764-769.	4.5	23
21	Rapid identification and quantification of five major mogrosides in <i>Siraitia grosvenorii</i> (Luo-Han-Guo) by high performance liquid chromatography-triple quadrupole linear ion trap tandem mass spectrometry combined with microwave-assisted extraction. <i>Microchemical Journal</i> , 2014, 116, 142-150.	4.5	18
22	Fast and sensitive fluorescent and visual sensing of cysteine using Hg-metalated PCN-222. <i>Microchemical Journal</i> , 2019, 145, 68-73.	4.5	17
23	A selective cataluminescence sensor with a homemade gaseous sample introduction system for accurate and sensitive determination of H <sub>2</sub> S using catalytic g-C <sub>3</sub> N <sub>4</sub> @Fe. <i>Microchemical Journal</i> , 2020, 156, 104833.	4.5	14
24	Fast synthesis of bimetallic metal-organic frameworks based on dielectric barrier discharge for analytical atomic spectrometry and ratiometric fluorescent sensing. <i>Microchemical Journal</i> , 2020, 159, 105417.	4.5	13
25	Visual detection of S <sup>2-</sup> with a paper-based fluorescence sensor coated with CdTe quantum dots via headspace sampling. <i>Luminescence</i> , 2021, 36, 1525-1530.	2.9	12
26	Integration of cryogenic trap to gas chromatography-sulfur chemiluminescent detection for online analysis of hydrogen gas for volatile sulfur compounds. <i>Chinese Chemical Letters</i> , 2021, 32, 3440-3445.	9.0	12
27	Two-dimensional MoS <sub>2</sub> nanosheets as a capillary GC stationary phase for highly effective molecular screening. <i>Analyst</i> , The, 2014, 139, 3533.	3.5	10
28	Low Power, Low Temperature and Atmospheric Pressure Plasma-Induced Polymerization: Facile Synthesis and Crystal Regulation of Covalent Organic Frameworks. <i>Angewandte Chemie</i> , 2021, 133, 10072-10077.	2.0	8
29	Miniaturized Corona Discharge-Atomic Emission Spectrometer for Determination of Trace Mercury. <i>Chinese Journal of Analytical Chemistry</i> , 2015, 43, 1291-1295.	1.7	7