Yang Wang

List of Publications by Year
in descending order

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47 papers	2,692 citations	159585 30 h-index	214800 47 g-index
47 all docs	47 docs citations	47 times ranked	3111 citing authors

#	Article	IF	Citations
1	Self-assembled metal-organic frameworks nanocrystals synthesis and application for plumbagin drug delivery in acute lung injury therapy. Chinese Chemical Letters, 2022, 33, 324-327.	9.0	16
2	Synthesis of core-shell structured metal oxide@covalent organic framework composites as a novel electrochemical platform for dopamine sensing. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2022, 648, 129238.	4.7	12
3	Synthesis of pH-responsive covalent organic frameworks nanocarrier for plumbagin delivery. RSC Advances, 2022, 12, 16046-16050.	3.6	7
4	Conducting polymer engineered covalent organic framework as a novel electrochemical amplifier for ultrasensitive detection of acetaminophen. Chinese Chemical Letters, 2021, 32, 2061-2065.	9.0	32
5	Triple-signaling amplification strategy based electrochemical sensor design: boosting synergistic catalysis in metalâ€“metalloporphyrinâ€“covalent organic frameworks for sensitive bisphenol A detection. Analyst, The, 2021, 146, 4585-4594.	3.5	16
6	Label-Free Electrochemical Immunosensor for Ultrasensitive Detection of Carbohydrate Antigen 125 Based on Antibody-Immobilized Biocompatible MOF-808/CNT. ACS Applied Materials & Interfaces, 2021, 13, 3295-3302.	8.0	94
7	Tunable construction of crystalline and shape-tailored Co3O4@TAPB-DMTP-COF composites for the enhancement of tert-butylhydroquinone electrocatalysis. Sensors and Actuators B: Chemical, 2021, 331, 129438.	7.8	37
8	In-situ anchoring bimetallic nanoparticles on covalent organic framework as an ultrasensitive electrochemical sensor for levodopa detection. Talanta, 2021, 225, 122072.	5.5	32
9	Simultaneous voltammetric determination of Adrenaline and Tyrosine in real samples by neodymium oxide nanoparticles grafted graphene. Talanta, 2020, 206, 120176.	5.5	36
10	Sm₂O₃ nanorod-modified graphite paste electrode for trace level voltammetric determination of acetaminophen and ciprofloxacin. New Journal of Chemistry, 2020, 44, 1921-1930.	2.8	30
11	Polypyrrole merged zirconium-based metal-organic framework NU-1000 for detection of levodopa. Mikrochimica Acta, 2020, 187, 661.	5.0	9
12	Direct Growth of Poly-Glutamic Acid Film on Peroxidase Mimicking PCN-222(Mn) for Constructing a Novel Sensitive Nonenzymatic Electrochemical Hydrogen Peroxide Biosensor. ACS Sustainable Chemistry and Engineering, 2020, 8, 13226-13235.	6.7	27
13	Fabrication of core-shell magnetic covalent organic frameworks composites and their application for highly sensitive detection of luteolin. Talanta, 2020, 213, 120843.	5.5	56
14	Ultrasmall Au(0) Inserted Hollow PCN-222 MOF for The High-Sensitive Detection of Estradiol. Analytical Chemistry, 2020, 92, 4566-4572.	6.5	79
15	Cancer cell membrane-camouflaged MOF nanoparticles for a potent dihydroartemisinin-based hepatocellular carcinoma therapy. RSC Advances, 2020, 10, 7194-7205.	3.6	24
16	Preparation of a chemically stable metalâ€“organic framework and multi-walled carbon nanotube composite as a high-performance electrocatalyst for the detection of lead. Analyst, The, 2020, 145, 1833-1840.	3.5	32
17	Integrating polythiophene derivates to PCN-222(Fe) for electrocatalytic sensing of L-dopa. Biosensors and Bioelectronics, 2019, 141, 111470.	10.1	40
18	Postsynthetic functionalization of water stable zirconium metal organic frameworks for high performance copper removal. Analyst, The, 2019, 144, 4552-4558.	3.5	17

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19	Capture and â€œself-releaseâ€•of circulating tumor cells using metalâ€“organic framework materials. Nanoscale, 2019, 11, 8293-8303.	5.6	25
20	Facile fabrication of electrochemical sensor based on novel core-shell PPy@ZIF-8 structures: enhanced charge collection for quercetin in human plasma samples. Sensors and Actuators B: Chemical, 2019, 290, 434-442.	7.8	66
21	Fabrication of MnOx/Ni(OH)2 electro-deposited sulfonated polyimides/graphene nano-sheets membrane and used for electrochemical sensing of glucose. Journal of Electroanalytical Chemistry, 2019, 837, 95-102.	3.8	7
22	A novel electrochemical sensor based on core-shell-structured metal-organic frameworks: The outstanding analytical performance towards chlorogenic acid. Talanta, 2019, 196, 85-91.	5.5	41
23	Hemin immobilized into metalâ€“organic frameworks as an electrochemical biosensor for 2,4,6-trichlorophenol. Nanotechnology, 2018, 29, 074003.	2.6	29
24	Amperometric determination of hydroquinone and catechol using a glassy carbon electrode modified with a porous carbon material doped with an iron species. Mikrochimica Acta, 2018, 185, 37.	5.0	26
25	A novel AuNPs-doped COFs composite as electrochemical probe for chlorogenic acid detection with enhanced sensitivity and stability. Sensors and Actuators B: Chemical, 2018, 276, 362-369.	7.8	131
26	Covalent organic framework as a novel electrochemical platform for highly sensitive and stable detection of lead. Talanta, 2018, 188, 578-583.	5.5	81
27	A metalâ€“organic framework and conducting polymer based electrochemical sensor for high performance cadmium ion detection. Journal of Materials Chemistry A, 2017, 5, 8385-8393.	10.3	294
28	Fabrication of Highly Sensitive and Stable Hydroxylamine Electrochemical Sensor Based on Gold Nanoparticles and Metalâ€“Metalloporphyrin Framework Modified Electrode. ACS Applied Materials & Interfaces, 2016, 8, 18173-18181.	8.0	132
29	Highly stable and ultrasensitive chlorogenic acid sensor based on metalâ€“organic frameworks/titanium dioxide nanocomposites. Analyst, The, 2016, 141, 4647-4653.	3.5	35
30	Preparation of magnetic metal organic frameworks adsorbent modified with mercapto groups for the extraction and analysis of lead in food samples by flame atomic absorption spectrometry. Food Chemistry, 2015, 181, 191-197.	8.2	80
31	Functionalized metalâ€“organic framework as a new platform for efficient and selective removal of cadmium(<scp>ii</scp>) from aqueous solution. Journal of Materials Chemistry A, 2015, 3, 15292-15298.	10.3	210
32	Carbon functionalized metal organic framework/Nafion composites as novel electrode materials for ultrasensitive determination of dopamine. Journal of Materials Chemistry B, 2015, 3, 3747-3753.	5.8	51
33	Facile synthesis of enzyme-embedded magnetic metalâ€“organic frameworks as a reusable mimic multi-enzyme system: mimetic peroxidase properties and colorimetric sensor. Nanoscale, 2015, 7, 18770-18779.	5.6	221
34	Magnetic Fe₃O₄@MOFs decorated graphene nanocomposites as novel electrochemical sensor for ultrasensitive detection of dopamine. RSC Advances, 2015, 5, 98260-98268.	3.6	67
35	A magnetic metal-organic framework as a new sorbent for solid-phase extraction of copper(II), and its determination by electrothermal AAS. Mikrochimica Acta, 2014, 181, 949-956.	5.0	76
36	Fabrication of metal-organic frameworks and graphite oxide hybrid composites for solid-phase extraction and preconcentration of luteolin. Talanta, 2014, 122, 91-96.	5.5	48

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37	Metalâ€“organic frameworks and Î²-cyclodextrin-based composite electrode for simultaneous quantification of guanine and adenine in a lab-on-valve manifold. Analyst, The, 2014, 139, 6197-6203.	3.5	12
38	Construction of an electrochemical sensor based on amino-functionalized metal-organic frameworks for differential pulse anodic stripping voltammetric determination of lead. Talanta, 2014, 129, 100-105.	5.5	51
39	Multi-walled carbon nanotubes and metalâ€“organic framework nanocomposites as novel hybrid electrode materials for the determination of nano-molar levels of lead in a lab-on-valve format. Analyst, The, 2013, 138, 5113.	3.5	58
40	Preparation of a functionalized magnetic metalâ€“organic framework sorbent for the extraction of lead prior to electrothermal atomic absorption spectrometer analysis. Journal of Materials Chemistry A, 2013, 1, 8782.	10.3	61
41	Solid-phase preconcentration of cadmium(II) using amino-functionalized magnetic-core silica-shell nanoparticles, and its determination by hydride generation atomic fluorescence spectrometry. Mikrochimica Acta, 2013, 180, 235-242.	5.0	42
42	Metalâ€“organic framework modified carbon paste electrode for lead sensor. Sensors and Actuators B: Chemical, 2013, 177, 1161-1166.	7.8	136
43	Simultaneous Determination of Lomefloxacin and Ciprofloxacin in Dairy Products by First-Derivative Synchronous Spectrofluorimetry. Advanced Materials Research, 2013, 643, 43-46.	0.3	1
44	An enzymatic amplified system for the detection of 2,4-dichlorophenol based on graphene membrane modified electrode. Analytical Methods, 2012, 4, 3429.	2.7	36
45	Synchronous Fluorescence as a Rapid Method for the Simultaneous Determination of Folic Acid and Riboflavin in Nutritional Beverages. Journal of Agricultural and Food Chemistry, 2011, 59, 12629-12634.	5.2	20
46	Determination of Se(IV) using solidified floating organic drop microextraction coupled to ultrasound-assisted back-extraction and hydride generation atomic fluorescence spectrometry. Mikrochimica Acta, 2011, 173, 267-273.	5.0	23
47	New Developments in Flow Injection/Sequential Injection Onâ€line Separation and Preconcentration Coupled with Electrothermal Atomic Absorption Spectrometry for Trace Metal Analysis. Applied Spectroscopy Reviews, 2007, 42, 103-118.	6.7	36