

Fanggui Ye

List of Publications by Year in descending order

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96
papers

3,508
citations

117453

34
h-index

155451

55
g-index

97
all docs

97
docs citations

97
times ranked

3883
citing authors

#	ARTICLE	IF	CITATIONS
1	Synthesis of a mixed valence state Ce-MOF as an oxidase mimetic for the colorimetric detection of biothiols. <i>Chemical Communications</i> , 2015, 51, 4635-4638.	2.2	270
2	Quantum dot-enhanced chemiluminescence detection for simultaneous determination of dopamine and epinephrine by capillary electrophoresis. <i>Talanta</i> , 2011, 85, 2650-2654.	2.9	158
3	A bimetallic (Co/2Fe) metal-organic framework with oxidase and peroxidase mimicking activity for colorimetric detection of hydrogen peroxide. <i>Mikrochimica Acta</i> , 2017, 184, 4629-4635.	2.5	139
4	A label-free fluorescence assay for hydrogen peroxide and glucose based on the bifunctional MIL-53(Fe) nanozyme. <i>Chemical Communications</i> , 2018, 54, 1762-1765.	2.2	118
5	One-pot synthesis of a metal-organic framework-based drug carrier for intelligent glucose-responsive insulin delivery. <i>Chemical Communications</i> , 2018, 54, 5377-5380.	2.2	112
6	Determination of pyrethroid pesticide residues in vegetables by pressurized capillary electrochromatography. <i>Talanta</i> , 2006, 69, 97-102.	2.9	93
7	A ratiometric multicolor fluorescence biosensor for visual detection of alkaline phosphatase activity via a smartphone. <i>Biosensors and Bioelectronics</i> , 2019, 143, 111605.	5.3	89
8	Immobilized Glucose Oxidase on Boronic Acid-Functionalized Hierarchically Porous MOF as an Integrated Nanozyme for One-Step Glucose Detection. <i>ACS Sustainable Chemistry and Engineering</i> , 2020, 8, 4481-4488.	3.2	83
9	Determination of uric acid in human urine and serum by capillary electrophoresis with chemiluminescence detection. <i>Analytical Biochemistry</i> , 2008, 378, 127-131.	1.1	80
10	Boric-Acid-Functionalized Covalent Organic Framework for Specific Enrichment and Direct Detection of <i>cis</i> -Diol-Containing Compounds by Matrix-Assisted Laser Desorption/Ionization Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2019, 91, 6353-6362.	3.2	79
11	Colorimetric detection of uric acid in human urine and serum based on peroxidase mimetic activity of MIL-53(Fe). <i>Analytical Methods</i> , 2015, 7, 9894-9899.	1.3	76
12	Dual functionalized natural biomass carbon dots from lychee exocarp for cancer cell targetable near-infrared fluorescence imaging and photodynamic therapy. <i>Nanoscale</i> , 2018, 10, 18124-18130.	2.8	76
13	Fabrication of CeVO ₄ as nanozyme for facile colorimetric discrimination of hydroquinone from resorcinol and catechol. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 469-478.	4.0	73
14	Synthesis of magnetic porous $\text{Fe}_2\text{O}_3/\text{C}@\text{HKUST-1}$ composites for efficient removal of dyes and heavy metal ions from aqueous solution. <i>RSC Advances</i> , 2015, 5, 5164-5172.	1.7	70
15	Incorporation of metal-organic framework HKUST-1 into porous polymer monolithic capillary columns to enhance the chromatographic separation of small molecules. <i>Journal of Chromatography A</i> , 2014, 1360, 143-149.	1.8	67
16	Sphere-like CoS with nanostructures as peroxidase mimics for colorimetric determination of H_2O_2 and mercury ions. <i>RSC Advances</i> , 2016, 6, 66963-66970.	1.7	65
17	Magnetic Bead-Sensing-Platform-Based Chemiluminescence Resonance Energy Transfer and Its Immunoassay Application. <i>Analytical Chemistry</i> , 2012, 84, 2708-2712.	3.2	64
18	Screening α -glucosidase inhibitor from natural products by capillary electrophoresis with immobilised enzyme onto polymer monolith modified by gold nanoparticles. <i>Food Chemistry</i> , 2013, 141, 1854-1859.	4.2	64

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19	Highly sensitive immunoassay of carcinoembryonic antigen by capillary electrophoresis with gold nanoparticles amplified chemiluminescence detection. <i>Journal of Chromatography A</i> , 2013, 1282, 161-166.	1.8	63
20	Carbon Dots with Absorption Red-Shifting for Two-Photon Fluorescence Imaging of Tumor Tissue pH and Synergistic Phototherapy. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 35365-35375.	4.0	60
21	A bifunctional metal organic framework of type Fe(III)-BTC for cascade (enzymatic and) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50	2.5	55
22	Prussian blue nanoparticles encapsulated inside a metal-organic framework via in situ growth as promising peroxidase mimetics for enzyme inhibitor screening. <i>Journal of Materials Chemistry B</i> , 2016, 4, 128-134.	2.9	54
23	Colorimetric detection of mercury ions using MnO ₂ nanorods as enzyme mimics. <i>Analytical Methods</i> , 2015, 7, 4596-4601.	1.3	51
24	Bioinspired Synthesis of Cu ²⁺ -Modified Covalent Triazine Framework: A New Highly Efficient and Promising Peroxidase Mimic. <i>Chemistry - A European Journal</i> , 2017, 23, 11037-11045.	1.7	50
25	Preparation and characterization of silica monolith modified with bovine serum albumin-gold nanoparticles conjugates and its use as chiral stationary phases for capillary electrochromatography. <i>Journal of Separation Science</i> , 2011, 34, 2329-2336.	1.3	49
26	From metal-organic frameworks to magnetic nanostructured porous carbon composites: towards highly efficient dye removal and degradation. <i>RSC Advances</i> , 2015, 5, 8228-8235.	1.7	48
27	Fabrication of copper sulfide using a Cu-based metal organic framework for the colorimetric determination and the efficient removal of Hg ²⁺ in aqueous solutions. <i>New Journal of Chemistry</i> , 2015, 39, 9221-9227.	1.4	47
28	Monolithic silica columns with mixed mode of hydrophilic interaction and weak anion-exchange stationary phase for pressurized capillary electrochromatography. <i>Electrophoresis</i> , 2006, 27, 3373-3380.	1.3	44
29	Single-excitation, dual-emission biomass quantum dots: preparation and application for ratiometric fluorescence imaging of coenzyme A in living cells. <i>Nanoscale</i> , 2019, 11, 9270-9275.	2.8	44
30	Preparation of magnetic core-shell nanoflower Fe ₃ O ₄ @MnO ₂ as reusable oxidase mimetics for colorimetric detection of phenol. <i>Analytical Methods</i> , 2015, 7, 1300-1306.	1.3	41
31	Colorimetric detection of blood glucose based on GOx@ZIF-8@Fe-polydopamine cascade reaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 219, 240-247.	2.0	39
32	Noncompetitive immunoassay for carcinoembryonic antigen in human serum by microchip electrophoresis for cancer diagnosis. <i>Clinica Chimica Acta</i> , 2010, 411, 1058-1062.	0.5	37
33	In situ synthesis of metal-organic frameworks in a porous polymer monolith as the stationary phase for capillary liquid chromatography. <i>Analyst</i> , 2015, 140, 2755-2761.	1.7	37
34	Immobilized capillary adenosine deaminase microreactor for inhibitor screening in natural extracts by capillary electrophoresis. <i>Talanta</i> , 2010, 82, 1170-1174.	2.9	36
35	Synchronous Construction of Hierarchical Porosity and Thiol Functionalization in COFs for Selective Extraction of Cationic Dyes in Water Samples. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 4352-4363.	4.0	36
36	Facile synthesis of magnetic carbon nanotubes derived from ZIF-67 and application to magnetic solid-phase extraction of profens from human serum. <i>Talanta</i> , 2020, 207, 120284.	2.9	34

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37	Sulfonic acid functionalized hierarchical porous covalent organic frameworks as a SALDI-TOF MS matrix for effective extraction and detection of paraquat and diquat. <i>Journal of Colloid and Interface Science</i> , 2021, 603, 172-181.	5.0	33
38	Preparation of a dual-enzyme immobilized capillary microreactor and simultaneous screening of multiple enzyme inhibitors by capillary electrophoresis. <i>Journal of Separation Science</i> , 2013, 36, 2538-2543.	1.3	32
39	Quantification of taurine and amino acids in mice single fibrosarcoma cell by microchip electrophoresis coupled with chemiluminescence detection. <i>Electrophoresis</i> , 2010, 31, 1630-1636.	1.3	29
40	An integrated platform for label-free fluorescence detection and inactivation of bacteria based on boric acid functionalized Zr-MOF. <i>Sensors and Actuators B: Chemical</i> , 2021, 345, 130345.	4.0	29
41	Progress and Trend on the Regulation Methods for Nanozyme Activity and Its Application. <i>Catalysts</i> , 2019, 9, 1057.	1.6	28
42	Preparation and evaluation of ionic liquid-gold nanoparticles functionalized silica monolithic column for capillary electrochromatography. <i>Analyst</i> , The, 2012, 137, 5860.	1.7	27
43	Michael reaction-assisted fluorescent sensor for selective and one step determination of catechol via bifunctional Fe-MIL-88NH ₂ nanozyme. <i>Sensors and Actuators B: Chemical</i> , 2020, 321, 128547.	4.0	27
44	Preparation of polyhedral oligomeric silsesquioxane based hybrid monoliths by thiol-ene click chemistry for capillary liquid chromatography. <i>Analyst</i> , The, 2015, 140, 265-271.	1.7	26
45	Facile synthesis of low-cost biomass-based $\text{Fe}_2\text{O}_3/\text{C}$ for efficient adsorption and catalytic degradation of methylene blue in aqueous solution. <i>RSC Advances</i> , 2017, 7, 336-343.	1.7	26
46	Design and fabrication of boric acid functionalized hierarchical porous metal-organic frameworks for specific removal of cis-diol-containing compounds from aqueous solution. <i>Applied Surface Science</i> , 2021, 535, 147714.	3.1	26
47	Determination of intracellular sulphhydryl compounds by microchip electrophoresis with selective chemiluminescence detection. <i>Journal of Chromatography A</i> , 2010, 1217, 5732-5736.	1.8	25
48	Ce-MOF with Intrinsic Haloperoxidase-Like Activity for Ratiometric Colorimetric Detection of Hydrogen Peroxide. <i>Biosensors</i> , 2021, 11, 204.	2.3	24
49	Construction of visible light driven silver sulfide/graphitic carbon nitride p-n heterojunction for improving photocatalytic disinfection. <i>Chemosphere</i> , 2021, 283, 131167.	4.2	24
50	Preparation and characterization of mixed-mode monolithic silica column for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 8845-8850.	1.8	21
51	Real-time tracing the changes in the intracellular pH value during apoptosis by near-infrared ratiometric fluorescence imaging. <i>Chemical Communications</i> , 2018, 54, 9071-9074.	2.2	21
52	Colorimetric Detection of Salicylic Acid in Aspirin Using MIL-53(Fe) Nanozyme. <i>Frontiers in Chemistry</i> , 2020, 8, 671.	1.8	20
53	A competitive immunoassay for electrochemical impedimetric determination of chlorpyrifos using a nanogold-modified glassy carbon electrode based on enzymatic biocatalytic precipitation. <i>Mikrochimica Acta</i> , 2020, 187, 204.	2.5	20
54	Phenylaminopropyl silica monolithic column for pressure assisted capillary electrochromatography. <i>Journal of Chromatography A</i> , 2006, 1117, 170-175.	1.8	18

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55	Preparation and Characterization of Polymer Solid-phase Microextraction Monolith Modified with Gold Nanoparticles. <i>Chinese Journal of Analytical Chemistry</i> , 2011, 39, 1247-1250.	0.9	17
56	Fingerprint Analysis of <i>Zanthoxylum nitidum</i> by Nonaqueous CE. <i>Chromatographia</i> , 2008, 68, 475-479.	0.7	16
57	Magnetic Cu/Fe ₃ O ₄ @FeOOH with intrinsic HRP-like activity at nearly neutral pH for one-step biosensing. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 3801-3810.	1.9	16
58	Ultrasmall phosphatase-mimicking nanoceria with slight self-colour for nonredox nanozyme-based colorimetric sensing. <i>Analytica Chimica Acta</i> , 2022, 1200, 339604.	2.6	16
59	Microchip fluorescence-enhanced immunoassay for simultaneous quantification of multiple tumor markers. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 2840-2844.	1.2	15
60	A self-correcting fluorescent assay of tyrosinase based on Fe-MIL-88B-NH ₂ nanozyme. <i>Mikrochimica Acta</i> , 2021, 188, 158.	2.5	15
61	MOF-derived MnO@C nanocomposite with bidirectional electrocatalytic ability as signal amplification for dual-signal electrochemical sensing of cancer biomarker. <i>Talanta</i> , 2022, 239, 123150.	2.9	15
62	Colorimetric detection of creatinine based on specifically modulating the peroxidase-mimicking activity of Cu-Fenton system. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114121.	5.3	15
63	Separation of Polar and Basic Compounds in Hydrophilic Interaction Pressurized CEC Using Diethylenetriaminopropyl Silica Monolithic Columns. <i>Chromatographia</i> , 2006, 64, 267-272.	0.7	14
64	Determination of octopamine in human plasma by capillary electrophoresis with optical fiber light-emitting diode-induced fluorescence detection. <i>Analytical Biochemistry</i> , 2007, 369, 187-191.	1.1	14
65	Competitive immunoassay of progesterone by microchip electrophoresis with chemiluminescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 936, 74-79.	1.2	14
66	Facile one-pot preparation of a novel imidazolium-based monolith by thiol-ene click chemistry for capillary liquid chromatography. <i>Electrophoresis</i> , 2017, 38, 3013-3019.	1.3	14
67	Preparation of Cationic MOFs with Mobile Anions by Anion Stripping to Remove 2,4-D from Water. <i>Materials</i> , 2017, 10, 879.	1.3	14
68	Colorimetric detection of thioglycolic acid based on the enhanced Fe ³⁺ ions Fenton reaction. <i>Microchemical Journal</i> , 2019, 144, 190-194.	2.3	14
69	Porous Oxyhydroxide Derived from Metal-Organic Frameworks as Efficient Triphosphatase-like Nanozyme for Chromium(III) Ion Colorimetric Sensing. <i>ACS Applied Bio Materials</i> , 2021, 4, 6962-6973.	2.3	14
70	Ionic-liquid-modified magnetic nanoparticles as a solid-phase extraction adsorbent coupled with high-performance liquid chromatography for the determination of linear alkylbenzene sulfonates in water samples. <i>Journal of Separation Science</i> , 2017, 40, 1133-1141.	1.3	13
71	Microporous hydrogen-bond organic frameworks-based SALDI-TOF MS for simultaneous enrichment and high sensitivity detection of paraquat and chlormequat. <i>Sensors and Actuators B: Chemical</i> , 2022, 353, 131132.	4.0	13
72	Preparation of cationic hierarchical porous covalent organic frameworks for rapid and effective enrichment of perfluorinated substances in dairy products. <i>Journal of Chromatography A</i> , 2022, 1675, 463188.	1.8	13

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73	Maleopimaric acid anhydride- β -bonded silica monolith as chiral stationary phase for separations of phenylthiocarbamyl amino acids by CEC. <i>Electrophoresis</i> , 2010, 31, 1488-1492.	1.3	12
74	Selective determination of trace boron based on resonance Rayleigh scattering energy transfer from nanogold aggregate to complex of boric acid-azomethine-H. <i>Analytical Methods</i> , 2014, 6, 3724.	1.3	12
75	Nonenzymatic chemiluminescence resonance energy transfer: an efficient technique for selective and sensitive detection of silver ion. <i>Analytical Methods</i> , 2012, 4, 1927.	1.3	11
76	Preparation of bifunctional magnetic nanoparticles with octadecyl and phosphate groups by thiol-ene click chemistry for extraction and enrichment of organophosphorus pesticides in tea drinks. <i>Analytical Methods</i> , 2017, 9, 2069-2075.	1.3	11
77	Inhibition of NADP(H) supply by highly active phosphatase-like ceria nanozymes to boost oxidative stress and ferroptosis. <i>Materials Today Chemistry</i> , 2022, 23, 100672.	1.7	11
78	Preparation and Characterization of Gold Nanoparticle-Modified Silica Monolith for Capillary Electrochromatography. <i>Chinese Journal of Analytical Chemistry</i> , 2011, 39, 341-345.	0.9	10
79	Facile one-pot preparation of chiral monoliths with a well-defined framework based on the thiol-ene click reaction for capillary liquid chromatography. <i>RSC Advances</i> , 2016, 6, 24835-24842.	1.7	10
80	One-pot preparation of an organic polymer monolith by thiol-ene click chemistry for capillary electrochromatography. <i>Journal of Separation Science</i> , 2017, 40, 3144-3152.	1.3	10
81	Rapid and sensitive colorimetric detection of dopamine based on the enhanced-oxidase mimicking activity of cerium(IV). <i>New Journal of Chemistry</i> , 2021, 45, 6780-6786.	1.4	10
82	Multicolor and photothermal dual-mode assay of alkaline phosphatase based on the UV light-assisted etching of gold nanorods. <i>Analytica Chimica Acta</i> , 2021, 1181, 338926.	2.6	10
83	Synergistic cocatalytic effect of MoO_3 and creatinine on Cu^{II} -Fenton reactions for efficient decomposition of H_2O_2 . <i>Materials Today Chemistry</i> , 2022, 24, 100805.	1.7	9
84	Development of a new C_{14} monolithic silica column containing embedded polar groups for pressurized capillary electrochromatography. <i>Journal of Separation Science</i> , 2007, 30, 3027-3034.	1.3	8
85	Use of capillary electrophoresis with chemiluminescence detection for sensitive determination of homocysteine. <i>Journal of Separation Science</i> , 2012, 35, 280-285.	1.3	8
86	Complementary atomic flame/molecular colorimetry dual-mode assay for sensitive and wide-range detection of cancer cells. <i>Chemical Communications</i> , 2021, 57, 3327-3330.	2.2	8
87	Electrochromatographic performance of conventional and polar-embedded C_{16} silica monolithic stationary phases. <i>Journal of Separation Science</i> , 2010, 33, 3386-3392.	1.3	7
88	Preparation and Evaluation of C_{18} Modified Capillary Open-Tubular Column Based on Thiol-ene Click Chemistry for Capillary Electrochromatography. <i>Chinese Journal of Analytical Chemistry</i> , 2012, 40, 1584-1588.	0.9	7
89	Homogeneous immunoassay of cortisol based on microchip electrophoresis with chemiluminescence detection. <i>Analytical Methods</i> , 2013, 5, 5657.	1.3	7
90	Dextran-coated Gd-based ultrasmall nanoparticles as phosphatase-like nanozyme to increase ethanol yield via reduction of yeast intracellular ATP level. <i>Journal of Colloid and Interface Science</i> , 2022, 627, 405-414.	5.0	7

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91	Preparation of magnetic mesoporous metal-phenolic coordination spheres for extraction of crystal violet and leuco-metabolites in fish. <i>Journal of Chromatography A</i> , 2021, 1636, 461776.	1.8	5
92	Electrochromatographic Evaluation of Diol-Bonded Silica Monolith Capillary Column for Separation of Basic Compounds. <i>Journal of Chromatographic Science</i> , 2009, 47, 492-496.	0.7	4
93	A gas-pressure-assisted ratiometric atomic flame assay for the point-of-care testing of tumor-cell-derived exosomes. <i>Analyst, The</i> , 2021, 147, 48-54.	1.7	4
94	Enhancing the peroxidase-like activity of MIL-88B by ligand exchange with polydopamine. <i>Dalton Transactions</i> , 2022, 51, 2262-2268.	1.6	4
95	Preparation and Characterization of Polymer Solid-phase Extraction Monolith Immobilized Metal Affinity Ligands. <i>Chinese Journal of Analytical Chemistry</i> , 2014, 42, 495-500.	0.9	2
96	A FRET ratiometric fluorescence biosensor for the selective determination of pyrophosphate ion and pyrophosphatase activity based on difunctional Cu-MOF nanozyme. <i>Biosensors and Bioelectronics: X</i> , 2022, 10, 100101.	0.9	2