

Fanggui Ye

List of Publications by Year in descending order

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96
papers

3,508
citations

117625
34
h-index

155660
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g-index

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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.	4.1	270
2	Quantum dot-enhanced chemiluminescence detection for simultaneous determination of dopamine and epinephrine by capillary electrophoresis. <i>Talanta</i> , 2011, 85, 2650-2654.	5.5	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.	5.0	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.	4.1	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.	4.1	112
6	Determination of pyrethroid pesticide residues in vegetables by pressurized capillary electrochromatography. <i>Talanta</i> , 2006, 69, 97-102.	5.5	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.	10.1	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.	6.7	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.	2.4	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.	6.5	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.	2.7	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.	5.6	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.	7.8	73
14	Synthesis of magnetic porous $\text{Fe}_2\text{O}_3/\text{C}$ @HKUST-1 composites for efficient removal of dyes and heavy metal ions from aqueous solution. <i>RSC Advances</i> , 2015, 5, 5164-5172.	3.6	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.	3.7	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.	3.6	65
17	Magnetic Bead-Sensing-Platform-Based Chemiluminescence Resonance Energy Transfer and Its Immunoassay Application. <i>Analytical Chemistry</i> , 2012, 84, 2708-2712.	6.5	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.	8.2	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.	3.7	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.	8.0	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	5.0	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.	5.8	54
23	Colorimetric detection of mercury ions using MnO ₂ nanorods as enzyme mimics. <i>Analytical Methods</i> , 2015, 7, 4596-4601.	2.7	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.	3.3	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.	2.5	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.	3.6	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.	2.8	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.	2.4	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.	5.6	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.	2.7	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.	3.9	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.	1.1	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> , The, 2015, 140, 2755-2761.	3.5	37
34	Immobilized capillary adenosine deaminase microreactor for inhibitor screening in natural extracts by capillary electrophoresis. <i>Talanta</i> , 2010, 82, 1170-1174.	5.5	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.	8.0	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.	5.5	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.	9.4	33
38	Preparation of a dual-enzyme co-immobilized capillary microreactor and simultaneous screening of multiple enzyme inhibitors by capillary electrophoresis. <i>Journal of Separation Science</i> , 2013, 36, 2538-2543.	2.5	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.	2.4	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.	7.8	29
41	Progress and Trend on the Regulation Methods for Nanozyme Activity and Its Application. <i>Catalysts</i> , 2019, 9, 1057.	3.5	28
42	Preparation and evaluation of ionic liquid-gold nanoparticles functionalized silica monolithic column for capillary electrochromatography. <i>Analyst</i> , The, 2012, 137, 5860.	3.5	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.	7.8	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.	3.5	26
45	Facile synthesis of low-cost biomass-based β -Fe ₂ O ₃ /C for efficient adsorption and catalytic degradation of methylene blue in aqueous solution. <i>RSC Advances</i> , 2017, 7, 336-343.	3.6	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.	6.1	26
47	Determination of intracellular sulphydryl compounds by microchip electrophoresis with selective chemiluminescence detection. <i>Journal of Chromatography A</i> , 2010, 1217, 5732-5736.	3.7	25
48	Ce-MOF with Intrinsic Haloperoxidase-Like Activity for Ratiometric Colorimetric Detection of Hydrogen Peroxide. <i>Biosensors</i> , 2021, 11, 204.	4.7	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.	8.2	24
50	Preparation and characterization of mixed-mode monolithic silica column for capillary electrochromatography. <i>Journal of Chromatography A</i> , 2009, 1216, 8845-8850.	3.7	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.	4.1	21
52	Colorimetric Detection of Salicylic Acid in Aspirin Using MIL-53(Fe) Nanozyme. <i>Frontiers in Chemistry</i> , 2020, 8, 671.	3.6	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.	5.0	20
54	Phenylaminopropyl silica monolithic column for pressure assisted capillary electrochromatography. <i>Journal of Chromatography A</i> , 2006, 1117, 170-175.	3.7	18

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55	Preparation and Characterization of Polymer Solid-phase Microextraction Monolith Modified with Gold Nanoparticles. Chinese Journal of Analytical Chemistry, 2011, 39, 1247-1250.	1.7	17
56	Fingerprint Analysis of Zanthoxylum nitidum by Nonaqueous CE. Chromatographia, 2008, 68, 475-479.	1.3	16
57	Magnetic Cu/Fe ₃ O ₄ @FeOOH with intrinsic HRP-like activity at nearly neutral pH for one-step biosensing. Analytical and Bioanalytical Chemistry, 2019, 411, 3801-3810.	3.7	16
58	Ultrasmall phosphatase-mimicking nanoceria with slight self-colour for nonredox nanozyme-based colorimetric sensing. Analytica Chimica Acta, 2022, 1200, 339604.	5.4	16
59	Microchip fluorescence-enhanced immunoassay for simultaneous quantification of multiple tumor markers. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 2840-2844.	2.3	15
60	A self-correcting fluorescent assay of tyrosinase based on Fe-MIL-88B-NH ₂ nanozyme. Mikrochimica Acta, 2021, 188, 158.	5.0	15
61	MOF-derived MnO@C nanocomposite with bidirectional electrocatalytic ability as signal amplification for dual-signal electrochemical sensing of cancer biomarker. Talanta, 2022, 239, 123150.	5.5	15
62	Colorimetric detection of creatinine based on specifically modulating the peroxidase-mimicking activity of Cu-Fenton system. Biosensors and Bioelectronics, 2022, 206, 114121.	10.1	15
63	Separation of Polar and Basic Compounds in Hydrophilic Interaction Pressurized CEC Using Diethylenetriaminopropyl Silica Monolithic Columns. Chromatographia, 2006, 64, 267-272.	1.3	14
64	Determination of octopamine in human plasma by capillary electrophoresis with optical fiber light-emitting diode-induced fluorescence detection. Analytical Biochemistry, 2007, 369, 187-191.	2.4	14
65	Competitive immunoassay of progesterone by microchip electrophoresis with chemiluminescence detection. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2013, 936, 74-79.	2.3	14
66	Facile one-pot preparation of a novel imidazolium-based monolith by thiol-ene click chemistry for capillary liquid chromatography. Electrophoresis, 2017, 38, 3013-3019.	2.4	14
67	Preparation of Cationic MOFs with Mobile Anions by Anion Stripping to Remove 2,4-D from Water. Materials, 2017, 10, 879.	2.9	14
68	Colorimetric detection of thioglycolic acid based on the enhanced Fe ³⁺ ions Fenton reaction. Microchemical Journal, 2019, 144, 190-194.	4.5	14
69	Porous Oxyhydroxide Derived from Metal-Organic Frameworks as Efficient Triphosphatase-like Nanozyme for Chromium(III) Ion Colorimetric Sensing. ACS Applied Bio Materials, 2021, 4, 6962-6973.	4.6	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. Journal of Separation Science, 2017, 40, 1133-1141.	2.5	13
71	Microporous hydrogen-bond organic frameworks-based SALDI-TOF MS for simultaneous enrichment and high sensitivity detection of paraquat and chlormequat. Sensors and Actuators B: Chemical, 2022, 353, 131132.	7.8	13
72	Preparation of cationic hierarchical porous covalent organic frameworks for rapid and effective enrichment of perfluorinated substances in dairy products. Journal of Chromatography A, 2022, 1675, 463188.	3.7	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.	2.4	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.	2.7	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.	2.7	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.	2.7	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.	3.5	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.	1.7	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.	3.6	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.	2.5	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.	2.8	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.	5.4	10
83	Synergistic cocatalytic effect of MoO ₃ and creatinine on Cu ²⁺ -Fenton reactions for efficient decomposition of H ₂ O ₂ . <i>Materials Today Chemistry</i> , 2022, 24, 100805.	3.5	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.	2.5	8
85	Use of capillary electrophoresis with chemiluminescence detection for sensitive determination of homocysteine. <i>Journal of Separation Science</i> , 2012, 35, 280-285.	2.5	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.	4.1	8
87	Electrochromatographic performance of conventional and polar-embedded C16 silica monolithic stationary phases. <i>Journal of Separation Science</i> , 2010, 33, 3386-3392.	2.5	7
88	Preparation and Evaluation of C18 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.	1.7	7
89	Homogeneous immunoassay of cortisol based on microchip electrophoresis with chemiluminescence detection. <i>Analytical Methods</i> , 2013, 5, 5657.	2.7	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.	9.4	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.	3.7	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.	1.4	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.	3.5	4
94	Enhancing the peroxidase-like activity of MIL-88B by ligand exchange with polydopamine. <i>Dalton Transactions</i> , 2022, 51, 2262-2268.	3.3	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.	1.7	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.	1.7	2