

Hongli Chen

List of Publications by Year in descending order

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Version: 2024-02-01

60
papers

3,329
citations

186265

28
h-index

144013

57
g-index

62
all docs

62
docs citations

62
times ranked

3809
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Recent advances in DNA glycosylase assays. <i>Chinese Chemical Letters</i> , 2022, 33, 3603-3612. | 9.0 | 5 |
| 2 | Synthesis of a covalent organic framework with hydrazine linkages and its application in open-tubular capillary electrochromatography. <i>Journal of Chromatography A</i> , 2022, 1661, 462681. | 3.7 | 17 |
| 3 | Synthesis of a novel chiral DA-TD covalent organic framework for open-tubular capillary electrochromatography enantioseparation. <i>Chemical Communications</i> , 2022, 58, 403-406. | 4.1 | 29 |
| 4 | Enantioseparation in capillary electrochromatography by covalent organic framework coating prepared in situ. <i>Journal of Chromatography A</i> , 2022, 1670, 462943. | 3.7 | 10 |
| 5 | In-situ and one-step preparation of protein film in capillary column for open tubular capillary electrochromatography enantioseparation. <i>Chinese Chemical Letters</i> , 2021, 32, 2139-2142. | 9.0 | 17 |
| 6 | Covalent organic frameworks (COF-300-AR) with unique catalytic performance in luminol chemiluminescence for sensitive detection of serotonin. <i>Microchemical Journal</i> , 2021, 160, 105650. | 4.5 | 19 |
| 7 | One-pot surface modification of magnetic nanoparticles using phase-transitioned lysozyme for robust immobilization of enzymes. <i>New Journal of Chemistry</i> , 2021, 45, 11153-11159. | 2.8 | 1 |
| 8 | Individual and successive detection of H ₂ S and HClO in living cells and zebrafish by a dual-channel fluorescent probe with longer emission wavelength. <i>Analytica Chimica Acta</i> , 2021, 1156, 338362. | 5.4 | 28 |
| 9 | Ultrafine Platinum Nanoparticles Supported on Covalent Organic Frameworks As Stable and Reusable Oxidase-Like Catalysts for Cellular Glutathione Detection. <i>ACS Applied Nano Materials</i> , 2021, 4, 5834-5841. | 5.0 | 22 |
| 10 | A novel metal organic gel with superior oxidase-like activity for efficient and sensitive chemiluminescence detection of uric acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 257, 119773. | 3.9 | 20 |
| 11 | Development and characterization of fish myofibrillar protein/chitosan/rosemary extract composite edible films and the improvement of lipid oxidation stability during the grass carp filets storage. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 463-475. | 7.5 | 53 |
| 12 | 3DRGO-NiFe ₂ O ₄ /NiO nanoparticles for fast and simple detection of organophosphorus pesticides. <i>Chinese Chemical Letters</i> , 2020, 31, 177-180. | 9.0 | 16 |
| 13 | Recent progress and prospects of alkaline phosphatase biosensor based on fluorescence strategy. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111811. | 10.1 | 119 |
| 14 | Determination of pathogenic bacteria <i>Bacillus anthracis</i> spores in environmental samples by ratiometric fluorescence and test paper based on dual-emission fluorescent silicon nanoparticles. <i>Journal of Hazardous Materials</i> , 2020, 386, 121956. | 12.4 | 60 |
| 15 | An azine-linked covalent organic framework as stationary phase for separation of environmental endocrine disruptors by open-tubular capillary electrochromatography. <i>Journal of Chromatography A</i> , 2020, 1615, 460722. | 3.7 | 42 |
| 16 | Target triggered fluorescence "turn-off" of silicon nanoparticles for cobalt detection and cell imaging with high sensitivity and selectivity. <i>Talanta</i> , 2020, 210, 120636. | 5.5 | 35 |
| 17 | Synthesis of fluorescent and water-soluble silicon nanoparticles with a high pH response and its application to pH measurement and gastric parietal cell imaging. <i>New Journal of Chemistry</i> , 2020, 44, 19294-19299. | 2.8 | 13 |
| 18 | Sensitive homogeneous fluorescent detection of DNA glycosylase by target-triggering ligation-dependent tricyclic cascade amplification. <i>Talanta</i> , 2020, 220, 121422. | 5.5 | 14 |

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|----|---|-----|-----------|
| 19 | Investigating the interaction between DNA-templated gold nanoclusters and HSA via spectroscopy. <i>New Journal of Chemistry</i> , 2020, 44, 14060-14066. | 2.8 | 10 |
| 20 | In situ fabrication of 3D COF-300 in a capillary for separation of aromatic compounds by open-tubular capillary electrochromatography. <i>Mikrochimica Acta</i> , 2020, 187, 233. | 5.0 | 34 |
| 21 | A novel AIEgen-based probe for detecting cysteine in lipid droplets. <i>Analytica Chimica Acta</i> , 2020, 1127, 20-28. | 5.4 | 22 |
| 22 | Chiral Fluorescent Silicon Nanoparticles for Aminopropanol Enantiomer: Fluorescence Discrimination and Mechanism Identification. <i>Analytical Chemistry</i> , 2020, 92, 3949-3957. | 6.5 | 41 |
| 23 | Stable and Reusable Light-Responsive Reduced Covalent Organic Framework (COF-300-AR) as a Oxidase-Mimicking Catalyst for GSH Detection in Cell Lysate. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20414-20422. | 8.0 | 102 |
| 24 | Development of a cascade isothermal amplification approach for the sensitive detection of DNA methyltransferase. <i>Journal of Materials Chemistry B</i> , 2019, 7, 157-162. | 5.8 | 12 |
| 25 | Base excision repair mediated cascading triple-signal amplification for the sensitive detection of human alkyladenine DNA glycosylase. <i>Analyst</i> , 2019, 144, 3064-3071. | 3.5 | 13 |
| 26 | Characterization of the Ligand Exchange Reactions on CdSe/ZnS QDs by Capillary Electrophoresis. <i>Langmuir</i> , 2019, 35, 4806-4812. | 3.5 | 9 |
| 27 | Modification-Free Fabricating Ratiometric Nanoprobe Based on Dual-Emissive Carbon Dots for Nitrite Determination in Food Samples. <i>Journal of Agricultural and Food Chemistry</i> , 2019, 67, 3826-3836. | 5.2 | 59 |
| 28 | Yellow-emissive carbon dots as a fluorescent probe for chromium(VI). <i>Mikrochimica Acta</i> , 2019, 186, 163. | 5.0 | 42 |
| 29 | Carbon Dots as Fluorescent/Colorimetric Probes for Real-Time Detection of Hypochlorite and Ascorbic Acid in Cells and Body Fluid. <i>Analytical Chemistry</i> , 2019, 91, 15477-15483. | 6.5 | 125 |
| 30 | Highly selective and sensitive detection of catechol by one step synthesized highly fluorescent and water-soluble silicon nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2019, 281, 849-856. | 7.8 | 69 |
| 31 | Target-mediated hyperbranched amplification for sensitive detection of human alkyladenine DNA glycosylase from HeLa cells. <i>Talanta</i> , 2019, 194, 846-851. | 5.5 | 18 |
| 32 | Rapid and mild fabrication of protein membrane coated capillary based on supramolecular assemble for chiral separation in capillary electrochromatography. <i>Talanta</i> , 2019, 195, 190-196. | 5.5 | 18 |
| 33 | Homochiral zeolite-like metal-organic framework with DNA like double-helicity structure as stationary phase for capillary electrochromatography enantioseparation. <i>Journal of Chromatography A</i> , 2018, 1541, 31-38. | 3.7 | 36 |
| 34 | A dual-mode sensor for colorimetric and fluorescent detection of ascorbic acid. <i>Dyes and Pigments</i> , 2018, 149, 491-497. | 3.7 | 31 |
| 35 | The preparation of poly-levodopa coated capillary column for capillary electrochromatography enantioseparation. <i>Journal of Chromatography A</i> , 2018, 1578, 91-98. | 3.7 | 21 |
| 36 | Synthesis of orange-red emissive carbon dots for fluorometric enzymatic determination of glucose. <i>Mikrochimica Acta</i> , 2018, 185, 518. | 5.0 | 37 |

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|----|---|------|-----------|
| 37 | High-performance electrochemical biosensor for nonenzymatic H ₂ O ₂ sensing based on Au@C-Co ₃ O ₄ heterostructures. <i>Biosensors and Bioelectronics</i> , 2018, 118, 36-43. | 10.1 | 112 |
| 38 | One-step synthesis of red/green dual-emissive carbon dots for ratiometric sensitive ONOO ⁻ probing and cell imaging. <i>Nanoscale</i> , 2018, 10, 13589-13598. | 5.6 | 85 |
| 39 | A novel biosensor based on boronic acid functionalized metal-organic frameworks for the determination of hydrogen peroxide released from living cells. <i>Biosensors and Bioelectronics</i> , 2017, 95, 131-137. | 10.1 | 103 |
| 40 | A novel in situ strategy for the preparation of a β -cyclodextrin/polydopamine-coated capillary column for capillary electrochromatography enantioseparations. <i>Journal of Separation Science</i> , 2017, 40, 2645-2653. | 2.5 | 25 |
| 41 | A label-free colorimetric biosensor for sensitive detection of vascular endothelial growth factor-165. <i>Analyst</i> , 2017, 142, 2419-2425. | 3.5 | 22 |
| 42 | Red Emission B, N, S-co-Doped Carbon Dots for Colorimetric and Fluorescent Dual Mode Detection of Fe ³⁺ Ions in Complex Biological Fluids and Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 12663-12672. | 8.0 | 437 |
| 43 | Ratiometric Detection of Intracellular Lysine and pH with One-Pot Synthesized Dual Emissive Carbon Dots. <i>Analytical Chemistry</i> , 2017, 89, 13626-13633. | 6.5 | 247 |
| 44 | [{ ² -SiNi ₂ W ₁₀ O ₃₆ (OH) ₂ (H ₂ O)} ₄] ²⁴⁺ : a new robust visible light-driven water oxidation catalyst based on nickel-containing polyoxometalate. <i>Chemical Communications</i> , 2016, 52, 14494-14497. | 4.1 | 42 |
| 45 | Seed-mediated growth approach for rapid synthesis of high-performance red-emitting CdTe quantum dots in aqueous phase and their application in detection of highly reactive oxygen species. <i>Chemical Engineering Journal</i> , 2016, 299, 201-208. | 12.7 | 16 |
| 46 | Effective synthesis of highly fluorescent nitrogen doped carbon nanoparticles for selective sensing of Hg ²⁺ in food and cosmetics samples. <i>RSC Advances</i> , 2016, 6, 89916-89924. | 3.6 | 21 |
| 47 | A graphene oxide-based FRET sensor for rapid and specific detection of unfolded collagen fragments. <i>Biosensors and Bioelectronics</i> , 2016, 79, 15-21. | 10.1 | 34 |
| 48 | Separation of small organic molecules using covalent organic frameworks-LZU1 as stationary phase by open-tubular capillary electrochromatography. <i>Journal of Chromatography A</i> , 2016, 1436, 109-117. | 3.7 | 103 |
| 49 | Chemiluminescence determination of ascorbic acid using graphene oxide@copper-based metal-organic frameworks as a catalyst. <i>RSC Advances</i> , 2016, 6, 25047-25055. | 3.6 | 44 |
| 50 | <i>In Situ</i> Synthesis of Self-Assembled Three-Dimensional Graphene-Magnetic Palladium Nanohybrids with Dual-Enzyme Activity through One-Pot Strategy and Its Application in Glucose Probe. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 3480-3491. | 8.0 | 86 |
| 51 | Switch-on Fluorescence Sensing of Glutathione in Food Samples Based on a Graphitic Carbon Nitride Quantum Dot (g-CNQD)-Hg ²⁺ Chemosensor. <i>Journal of Agricultural and Food Chemistry</i> , 2015, 63, 1747-1755. | 5.2 | 170 |
| 52 | Probing the mechanism of the interaction between l-cysteine-capped CdTe quantum dots and Hg ²⁺ using capillary electrophoresis with ensemble techniques. <i>Electrophoresis</i> , 2015, 36, 859-866. | 2.4 | 14 |
| 53 | Off-line hyphenation of molecularly imprinted magnetic nanoparticle-based extraction with large volume sample stacking capillary electrophoresis for high-sensitivity detection of trace chloro-phenols. <i>Analytical Methods</i> , 2014, 6, 1219. | 2.7 | 18 |
| 54 | Solid-Phase Synthesis of Highly Fluorescent Nitrogen-Doped Carbon Dots for Sensitive and Selective Probing Ferric Ions in Living Cells. <i>Analytical Chemistry</i> , 2014, 86, 9846-9852. | 6.5 | 451 |

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|----|--|------|-----------|
| 55 | One-pot, large-scale synthesis silica-encapsulated NIR alloy quantum dots CdSeTe within short time. <i>Journal of Nanoparticle Research</i> , 2014, 16, 1. | 1.9 | 1 |
| 56 | Optimization of the micellar electrokinetic capillary chromatographic determination of dauricine and daurisolone in <i>Rhizoma Menispermis</i> and its herbal medicine using experimental design and radial basis function neural network. <i>Journal of Analytical Chemistry</i> , 2013, 68, 525-531. | 0.9 | 2 |
| 57 | One-step synthesis and optical evaluation of hollow CdSe nanospheres with controllable morphology. <i>Chemical Engineering Journal</i> , 2013, 215-216, 144-150. | 12.7 | 5 |
| 58 | Study of interaction of butyl p-hydroxybenzoate with human serum albumin by molecular modeling and multi-spectroscopic method. <i>Journal of Luminescence</i> , 2011, 131, 206-211. | 3.1 | 26 |
| 59 | An Automated Method of On-line Extraction Coupled with Flow Injection and Capillary Electrophoresis for Phytochemical Analysis. <i>Journal of Chromatographic Science</i> , 2010, 48, 866-870. | 1.4 | 4 |
| 60 | Separation and Determination of Ephedrine and Pseudoephedrine by Combination of Flow Injection with Capillary Electrophoresis. <i>Journal of Chromatographic Science</i> , 2003, 41, 1-5. | 1.4 | 35 |