

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	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
2	Red Emission B, N, S-Codoped 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
3	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
4	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
5	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
6	Recent progress and prospects of alkaline phosphatase biosensor based on fluorescence strategy. <i>Biosensors and Bioelectronics</i> , 2020, 148, 111811.	10.1	119
7	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
8	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
9	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
10	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
11	In Situ 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
12	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
13	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
14	Determination of pathogenic bacteria-Bacillus anthrax 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	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
16	Development and characterization of fish myofibrillar protein/chitosan/rosemary extract composite edible films and the improvement of lipid oxidation stability during the grass carp fillets storage. <i>International Journal of Biological Macromolecules</i> , 2021, 184, 463-475.	7.5	53
17	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
18	[{ 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

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19	Yellow-emissive carbon dots as a fluorescent probe for chromium(VI). <i>Mikrochimica Acta</i> , 2019, 186, 163.	5.0	42
20	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
21	Chiral Fluorescent Silicon Nanoparticles for Aminopropanol Enantiomer: Fluorescence Discrimination and Mechanism Identification. <i>Analytical Chemistry</i> , 2020, 92, 3949-3957.	6.5	41
22	Synthesis of orange-red emissive carbon dots for fluorometric enzymatic determination of glucose. <i>Mikrochimica Acta</i> , 2018, 185, 518.	5.0	37
23	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
24	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
25	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
26	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
27	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
28	A dual-mode sensor for colorimetric and "turn-on" fluorescent detection of ascorbic acid. <i>Dyes and Pigments</i> , 2018, 149, 491-497.	3.7	31
29	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
30	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
31	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
32	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
33	A label-free colorimetric biosensor for sensitive detection of vascular endothelial growth factor-165. <i>Analyst</i> , 2017, 142, 2419-2425.	3.5	22
34	A novel AIEgen-based probe for detecting cysteine in lipid droplets. <i>Analytica Chimica Acta</i> , 2020, 1127, 20-28.	5.4	22
35	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
36	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

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37	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
38	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
39	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
40	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
41	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
42	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
43	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
44	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
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	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
47	Probing the mechanism of the interaction between cysteine-capped CdTe quantum dots and Hg ²⁺ using capillary electrophoresis with ensemble techniques. <i>Electrophoresis</i> , 2015, 36, 859-866.	2.4	14
48	Sensitive homogeneous fluorescent detection of DNA glycosylase by target-triggering ligation-dependent tricyclic cascade amplification. <i>Talanta</i> , 2020, 220, 121422.	5.5	14
49	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
50	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
51	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
52	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
53	Enantioseparation in capillary electrochromatography by covalent organic framework coating prepared in situ. <i>Journal of Chromatography A</i> , 2022, 1670, 462943.	3.7	10
54	Characterization of the Ligand Exchange Reactions on CdSe/ZnS QDs by Capillary Electrophoresis. <i>Langmuir</i> , 2019, 35, 4806-4812.	3.5	9

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55	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
56	Recent advances in DNA glycosylase assays. <i>Chinese Chemical Letters</i> , 2022, 33, 3603-3612.	9.0	5
57	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
58	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
59	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
60	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