

Jian Ling

List of Publications by Year in descending order

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Version: 2024-02-01

65
papers

2,131
citations

230014

27
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263392

45
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all docs

66
docs citations

66
times ranked

3181
citing authors

#	ARTICLE	IF	CITATIONS
1	A water-soluble luminescent cesium-lead perovskite nanocrystal probe for sensitive detection of penicillamine. <i>Dyes and Pigments</i> , 2022, 205, 110537.	2.0	10
2	A lead-free Cs ₂ ZnCl ₄ perovskite nanocrystals fluorescent probe for highly selective detection of norfloxacin. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 281, 121568.	2.0	15
3	Highly selective and rapid detection of silver ions by using a "turn on" non-fluorescent cysteine stabilized gold nanocluster probe. <i>Analytical Methods</i> , 2021, 13, 2099-2106.	1.3	13
4	Glutathione stabilized green-emission gold nanoclusters for selective detection of cobalt ion. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 254, 119628.	2.0	24
5	Modulating fluorescence emission of l-methionine-stabilized Au nanoclusters from green to red and its application for visual detection of silver ion. <i>Microchemical Journal</i> , 2021, 166, 106198.	2.3	16
6	Selective Aggregation of Silver Nanoprisms Induced by Monohydrogen Phosphate and its Application for Colorimetric Detection of Chromium (III) Ions. <i>Journal of Analysis and Testing</i> , 2021, 5, 225-234.	2.5	9
7	Photocatalytic synthesis of BSA-Au nanoclusters with tunable fluorescence for highly selective detection of silver ion. <i>Dyes and Pigments</i> , 2021, 193, 109533.	2.0	16
8	Liquid-liquid extraction and visual detection of Hg ²⁺ in aqueous solution by luminescent CsPbBr ₃ perovskite nanocrystals. <i>Microchemical Journal</i> , 2021, 170, 106769.	2.3	14
9	Influence of calcium promoter on catalytic pyrolysis characteristics of iron-loaded brown coal in a fixed bed reactor. <i>Journal of the Energy Institute</i> , 2020, 93, 695-710.	2.7	28
10	Highly selective visual sensing of copper based on fluorescence enhanced glutathione-Au nanoclusters. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 224, 117472.	2.0	17
11	Effect of silver nanoparticles on gill membranes of common carp: Modification of fatty acid profile, lipid peroxidation and membrane fluidity. <i>Environmental Pollution</i> , 2020, 256, 113504.	3.7	38
12	One-pot synthesis of green-emitting gold nanoclusters as a fluorescent probe for determination of 4-nitrophenol. <i>Mikrochimica Acta</i> , 2020, 187, 106.	2.5	28
13	Fluorescent carbon quantum dots synthesized using phenylalanine and citric acid for selective detection of Fe ³⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117944.	2.0	78
14	Hyaluronic acid as a material for the synthesis of fluorescent carbon dots and its application for selective detection of Fe ³⁺ ion and folic acid. <i>Microchemical Journal</i> , 2020, 159, 105364.	2.3	43
15	Rapid synthesis of cesium lead halide perovskite nanocrystals by l-lysine assisted solid-phase reaction at room temperature. <i>RSC Advances</i> , 2020, 10, 34215-34224.	1.7	9
16	Proteomics reveals surface electrical property-dependent toxic mechanisms of silver nanoparticles in <i>Chlorella vulgaris</i> . <i>Environmental Pollution</i> , 2020, 265, 114743.	3.7	14
17	Surface charge-dependent bioaccumulation dynamics of silver nanoparticles in freshwater algae. <i>Chemosphere</i> , 2020, 247, 125936.	4.2	33
18	Fluorescent silver nanoclusters stabilized in guanine-enhanced DNA hybridization for recognizing different small biological molecules. <i>Journal of Luminescence</i> , 2020, 221, 117038.	1.5	4

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19	DNA bioassays based on the fluorescence "turn off" of silver nanocluster beacon. <i>Luminescence</i> , 2020, 35, 702-708.	1.5	5
20	Proteomic profiling reveals the differential toxic responses of gills of common carp exposed to nanosilver and silver nitrate. <i>Journal of Hazardous Materials</i> , 2020, 394, 122562.	6.5	26
21	Optical Properties of Reconfigurable Polymer/Silver Nanoprism Hybrids: Tunable Color and Infrared Scattering Contrast. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 8976-8984.	4.0	22
22	Selective fluorescence quenching of papain-Au nanoclusters by self-polymerization of dopamine. <i>Luminescence</i> , 2018, 33, 168-173.	1.5	27
23	The presence of a single-nucleotide mismatch in linker increases the fluorescence of guanine-enhanced DNA-templated Ag nanoclusters and their application for highly sensitive detection of cyanide. <i>RSC Advances</i> , 2018, 8, 41464-41471.	1.7	9
24	Metabolic profiling of silver nanoparticle toxicity in <i>Microcystis aeruginosa</i> . <i>Environmental Science: Nano</i> , 2018, 5, 2519-2530.	2.2	28
25	3. Detection of light scattering signals. , 2018, , 59-81.		0
26	4. Resonance light scattering spectroscopy. , 2018, , 82-104.		0
27	5. Light scattering spectral probes of organic small molecule. , 2018, , 105-140.		0
28	6. Light scattering nanospectral probes. , 2018, , 141-180.		0
29	7. Nano light scattering spectrometry. , 2018, , 181-221.		0
30	12. Light scattering spectrometry of proteins. , 2018, , 300-322.		0
31	2. Electromagnetic wave and light scattering theory. , 2018, , 28-58.		0
32	1. Introduction to light scattering. , 2018, , 1-27.		0
33	An irreversible temperature indicator fabricated by citrate induced face-to-face assembly of silver triangular nanoplates. <i>Materials Science and Engineering C</i> , 2018, 92, 657-662.	3.8	4
34	Poly(thymine)-templated copper nanoparticles as a fluorescence probe for highly selective and rapid detection of cysteine. <i>Spectroscopy Letters</i> , 2017, 50, 137-142.	0.5	7
35	Intensive epidermal adsorption and specific venous deposition of carboxyl quantum dots in zebrafish early-life stages. <i>Chemosphere</i> , 2017, 184, 44-52.	4.2	15
36	Chicken Egg White-stabilized Au Nanoclusters for Selective and Sensitive Detection of Hg(II). <i>Analytical Sciences</i> , 2017, 33, 671-675.	0.8	20

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37	Plasmonic platforms for colorimetric sensing of cysteine. <i>Applied Spectroscopy Reviews</i> , 2016, 51, 129-147.	3.4	30
38	Nanotoxicity of Silver Nanoparticles to Red Blood Cells: Size Dependent Adsorption, Uptake, and Hemolytic Activity. <i>Chemical Research in Toxicology</i> , 2015, 28, 501-509.	1.7	245
39	A rapid, sensitive and selective colorimetric method for detection of ascorbic acid. <i>Sensors and Actuators B: Chemical</i> , 2015, 221, 708-716.	4.0	85
40	Rapid and convenient synthesis of stable silver nanoparticles with kiwi juice and its novel application for detecting protease K. <i>New Journal of Chemistry</i> , 2015, 39, 1295-1300.	1.4	22
41	Sensitive detection of mercury and copper ions by fluorescent DNA/Ag nanoclusters in guanine-rich DNA hybridization. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 137, 1250-1257.	2.0	39
42	Selective Detection of Mercury (II) by Etching the Corners of Silver Triangular Nanoplates. <i>Spectroscopy Letters</i> , 2014, 47, 549-553.	0.5	10
43	Cytotoxicity of cuprous oxide nanoparticles to fish blood cells: hemolysis and internalization. <i>Journal of Nanoparticle Research</i> , 2013, 15, 1.	0.8	27
44	Synergistic aggregating of Au(i)-glutathione complex for fluorescence detection of Pb(ii). <i>Analytical Methods</i> , 2013, 5, 5584.	1.3	19
45	Mercuric ions induced aggregation of gold nanoparticles as investigated by localized surface plasmon resonance light scattering and dynamic light scattering techniques. <i>Science China Chemistry</i> , 2013, 56, 806-812.	4.2	5
46	A colorimetric method for highly sensitive and accurate detection of iodide by finding the critical color in a color change process using silver triangular nanoplates. <i>Analytica Chimica Acta</i> , 2013, 798, 74-81.	2.6	83
47	Catalytic formation of silver nanoparticles by bovine serum albumin protected-silver nanoclusters and its application for colorimetric detection of ascorbic acid. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2013, 106, 224-230.	2.0	53
48	Synthesis and Characterization of a pH Fluorescence Sensor with Tunable Response Range. <i>Chinese Journal of Analytical Chemistry</i> , 2012, 40, 77.	0.9	0
49	Observable Temperature-Dependent Compaction/Decompaction of Cationic Polythiophene in the Presence of Iodide. <i>Journal of Physical Chemistry B</i> , 2011, 115, 1693-1697.	1.2	14
50	Individually color-coded plasmonic nanoparticles for RGB analysis. <i>Chemical Communications</i> , 2011, 47, 8121.	2.2	54
51	Visual and light scattering spectrometric detections of melamine with polythymine-stabilized gold nanoparticles through specific triple hydrogen-bonding recognition. <i>Chemical Communications</i> , 2010, 46, 4893.	2.2	118
52	Energy transfer with gold nanoparticles for analytical applications in the fields of biochemical and pharmaceutical sciences. <i>Analytical Methods</i> , 2010, 2, 1439.	1.3	59
53	Sensitive Discrimination and Detection of Prion Disease-Associated Isoform with a Dual-Aptamer Strategy by Developing a Sandwich Structure of Magnetic Microparticles and Quantum Dots. <i>Analytical Chemistry</i> , 2010, 82, 9736-9742.	3.2	74
54	Aptamer-Based Silver Nanoparticles Used for Intracellular Protein Imaging and Single Nanoparticle Spectral Analysis. <i>Journal of Physical Chemistry B</i> , 2010, 114, 3655-3659.	1.2	86

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55	The adsorption of silver nanoparticles on the proteins-immobilized glass slides and a visual investigation on proteins immobilization. <i>Science in China Series B: Chemistry</i> , 2009, 52, 639-643.	0.8	3
56	Light-scattering signals from nanoparticles in biochemical assay, pharmaceutical analysis and biological imaging. <i>TrAC - Trends in Analytical Chemistry</i> , 2009, 28, 447-453.	5.8	71
57	A Localized Surface Plasmon Resonance Light-Scattering Assay of Mercury (II) on the Basis of Hg ²⁺ -DNA Complex Induced Aggregation of Gold Nanoparticles. <i>Environmental Science & Technology</i> , 2009, 43, 5022-5027.	4.6	119
58	Visual Sandwich Immunoassay System on the Basis of Plasmon Resonance Scattering Signals of Silver Nanoparticles. <i>Analytical Chemistry</i> , 2009, 81, 1707-1714.	3.2	82
59	Visual colorimetric detection of berberine hydrochloride with silver nanoparticles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008, 47, 860-864.	1.4	73
60	A label-free visual immunoassay on solid support with silver nanoparticles as plasmon resonance scattering indicator. <i>Analytical Biochemistry</i> , 2008, 383, 168-173.	1.1	29
61	Silver Nanocubes Formed on ATP-Mediated Nafion Film and a Visual Method for Formaldehyde. <i>Journal of Physical Chemistry B</i> , 2008, 112, 16990-16994.	1.2	31
62	Conformational Change Detection of DNA with the Fluorogenic Reagent ofo-Phthalaldehyde- ¹² -Mercaptoethanol. <i>Journal of Physical Chemistry B</i> , 2008, 112, 1783-1788.	1.2	26
63	Magnetic Particle-Based Sandwich Sensor with DNA-Modified Carbon Nanotubes as Recognition Elements for Detection of DNA Hybridization. <i>Analytical Chemistry</i> , 2008, 80, 1819-1823.	3.2	48
64	Recent Developments of the Resonance Light Scattering Technique: Technical Evolution, New Probes and Applications. <i>Applied Spectroscopy Reviews</i> , 2007, 42, 177-201.	3.4	51
65	Directly light scattering imaging of the aggregations of biopolymer bound chromium(III) hydrolytic oligomers in aqueous phase and liquid/liquid interface. <i>Analytica Chimica Acta</i> , 2006, 567, 143-151.	2.6	3