

Chun Mei Li

List of Publications by Year in descending order

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105
papers

4,281
citations

136740

32
h-index

118652

62
g-index

106
all docs

106
docs citations

106
times ranked

5755
citing authors

#	ARTICLE	IF	CITATIONS
1	Carbon dots: synthesis, formation mechanism, fluorescence origin and sensing applications. <i>Green Chemistry</i> , 2019, 21, 449-471.	4.6	821
2	Curcumin modified silver nanoparticles for highly efficient inhibition of respiratory syncytial virus infection. <i>Nanoscale</i> , 2016, 8, 3040-3048.	2.8	224
3	Fluorescent carbon dots functionalization. <i>Advances in Colloid and Interface Science</i> , 2019, 270, 165-190.	7.0	181
4	Gold-Coated Fe ₃ O ₄ Nanoroses with Five Unique Functions for Cancer Cell Targeting, Imaging, and Therapy. <i>Advanced Functional Materials</i> , 2014, 24, 1772-1780.	7.8	172
5	Chiral nanoprobe for targeting and long-term imaging of the Golgi apparatus. <i>Chemical Science</i> , 2017, 8, 6829-6835.	3.7	167
6	A gold nanoparticles-based colorimetric assay for alkaline phosphatase detection with tunable dynamic range. <i>Biosensors and Bioelectronics</i> , 2013, 43, 366-371.	5.3	148
7	In Situ Synthesis of Gold Nanoparticles/Metal-Organic Gels Hybrids with Excellent Peroxidase-Like Activity for Sensitive Chemiluminescence Detection of Organophosphorus Pesticides. <i>ACS Applied Materials & Interfaces</i> , 2018, 10, 28868-28876.	4.0	119
8	Semiquantification of ATP in Live Cells Using Nonspecific Desorption of DNA from Graphene Oxide as the Internal Reference. <i>Analytical Chemistry</i> , 2012, 84, 8622-8627.	3.2	109
9	Terbium(III) Modified Fluorescent Carbon Dots for Highly Selective and Sensitive Ratiometry of Stringent. <i>Analytical Chemistry</i> , 2018, 90, 4003-4009.	3.2	106
10	Synthesis of Cyanate Ester Microcapsules via Solvent Evaporation Technique and Its Application in Epoxy Resins as a Healing Agent. <i>Industrial & Engineering Chemistry Research</i> , 2016, 55, 10941-10946.	1.8	103
11	A Spherical Nucleic Acid Platform Based on Self-Assembled DNA Biopolymer for High-Performance Cancer Therapy. <i>ACS Nano</i> , 2013, 7, 6545-6554.	7.3	91
12	Conjugating gold nanoclusters and antimicrobial peptides: From aggregation-induced emission to antibacterial synergy. <i>Journal of Colloid and Interface Science</i> , 2019, 546, 1-10.	5.0	88
13	Understanding the shielding effects of whey protein on mulberry anthocyanins: Insights from multispectral and molecular modelling investigations. <i>International Journal of Biological Macromolecules</i> , 2018, 119, 116-124.	3.6	74
14	Anthrax biomarker: An ultrasensitive fluorescent ratiometry of dipicolinic acid by using terbium(III)-modified carbon dots. <i>Talanta</i> , 2019, 191, 443-448.	2.9	64
15	Pirfenidone controls the feedback loop of the AT1R/p38 MAPK/renin-angiotensin system axis by regulating liver X receptor-1 in myocardial infarction-induced cardiac fibrosis. <i>Scientific Reports</i> , 2017, 7, 40523.	1.6	57
16	Tannins inhibit SARS-CoV-2 through binding with catalytic dyad residues of 3CL ^{pro} : An in silico approach with 19 structural different hydrolysable tannins. <i>Journal of Food Biochemistry</i> , 2020, 44, e13432.	1.2	56
17	DNA Nanofirecrackers Assembled through Hybridization Chain Reaction for Ultrasensitive SERS Immunoassay of Prostate Specific Antigen. <i>Analytical Chemistry</i> , 2020, 92, 4046-4052.	3.2	56
18	Ru(III)-Based Metal-Organic Gels: Intrinsic Horseradish and NADH Peroxidase-Mimicking Nanozyme. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 29158-29166.	4.0	55

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19	Dendritic CuSe with Hierarchical Side-Branches: Synthesis, Efficient Adsorption, and Enhanced Photocatalytic Activities under Daylight. <i>ACS Sustainable Chemistry and Engineering</i> , 2017, 5, 4154-4160.	3.2	54
20	Carbon dots as nanocatalytic medicine for anti-inflammation therapy. <i>Journal of Colloid and Interface Science</i> , 2022, 611, 545-553.	5.0	49
21	2D MOF-Based Photoelectrochemical Aptasensor for SARS-CoV-2 Spike Glycoprotein Detection. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49754-49761.	4.0	48
22	Ratiometrically Fluorescent Electrospun Nanofibrous Film as a Cu ²⁺ -Mediated Solid-Phase Immunoassay Platform for Biomarkers. <i>Analytical Chemistry</i> , 2018, 90, 9966-9974.	3.2	46
23	Dynamically Long-Term Imaging of Cellular RNA by Fluorescent Carbon Dots with Surface Isoquinoline Moieties and Amines. <i>Analytical Chemistry</i> , 2018, 90, 11358-11365.	3.2	43
24	Mulberry anthocyanins exert anti-AGEs effects by selectively trapping glyoxal and structural-dependently blocking the lysyl residues of I ² -lactoglobulins. <i>Bioorganic Chemistry</i> , 2020, 96, 103615.	2.0	42
25	Metal-organic framework MIL-101 enhanced fluorescence anisotropy for sensitive detection of DNA. <i>RSC Advances</i> , 2014, 4, 9379-9382.	1.7	40
26	Optical investigations on ATP-induced aggregation of positive-charged gold nanoparticles. <i>Talanta</i> , 2010, 81, 1339-1345.	2.9	39
27	PCC0208017, a novel small-molecule inhibitor of MARK3/MARK4, suppresses glioma progression in vitro and in vivo. <i>Acta Pharmaceutica Sinica B</i> , 2020, 10, 289-300.	5.7	39
28	Protective Effect of RA on Myocardial Infarction-Induced Cardiac Fibrosis via AT1R/p38 MAPK Pathway Signaling and Modulation of the ACE2/ACE Ratio. <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 6716-6722.	2.4	36
29	Effect of persimmon tannin on the physicochemical properties of maize starch with different amylose/amylopectin ratios. <i>International Journal of Biological Macromolecules</i> , 2019, 132, 1193-1199.	3.6	36
30	Nanosilver-based surface-enhanced Raman spectroscopic determination of DNA methyltransferase activity through real-time hybridization chain reaction. <i>Biosensors and Bioelectronics</i> , 2015, 73, 228-233.	5.3	34
31	Cobalt oxyhydroxide nanoflakes with oxidase-mimicking activity induced chemiluminescence of luminol for glutathione detection. <i>Talanta</i> , 2020, 215, 120928.	2.9	34
32	DNA-AuNP networks on cell membranes as a protective barrier to inhibit viral attachment, entry and budding. <i>Biomaterials</i> , 2016, 77, 216-226.	5.7	33
33	Fluorescence light up detection of aluminium ion and imaging in live cells based on the aggregation-induced emission enhancement of thiolated gold nanoclusters. <i>Talanta</i> , 2019, 204, 548-554.	2.9	33
34	Anti-glycation and anti-hardening effects of microencapsulated mulberry polyphenols in high-protein-sugar ball models through binding with some glycation sites of whey proteins. <i>International Journal of Biological Macromolecules</i> , 2019, 123, 10-19.	3.6	33
35	Chromium(III)-doped carbon dots: fluorometric detection of p-nitrophenol via inner filter effect quenching. <i>Mikrochimica Acta</i> , 2019, 186, 384.	2.5	32
36	DNA Logic Nanodevices for the Sequential Imaging of Cancer Markers through Localized Catalytic Hairpin Assembly Reaction. <i>Analytical Chemistry</i> , 2022, 94, 4399-4406.	3.2	32

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37	Dual Energy Transfer-Based Fluorescent Nanoprobe for Imaging miR-21 in Nonalcoholic Fatty Liver Cells with Low Background. <i>Analytical Chemistry</i> , 2019, 91, 6761-6768.	3.2	30
38	High-Resolution Vertical Polarization Excited Dark-Field Microscopic Imaging of Anisotropic Gold Nanorods for the Sensitive Detection and Spatial Imaging of Intracellular microRNA-21. <i>Analytical Chemistry</i> , 2020, 92, 13118-13125.	3.2	30
39	Reduced graphene oxide gated mesoporous silica nanoparticles as a versatile chemo-photothermal therapy system through pH controllable release. <i>Journal of Materials Chemistry B</i> , 2015, 3, 6377-6384.	2.9	29
40	Preclinical safety of ginsenoside compound K: Acute, and 26-week oral toxicity studies in mice and rats. <i>Food and Chemical Toxicology</i> , 2019, 131, 110578.	1.8	29
41	A 2D MOF-based artificial light-harvesting system with chloroplast bionic structure for photochemical catalysis. <i>Journal of Materials Chemistry A</i> , 2021, 9, 9301-9306.	5.2	29
42	Acute and repeated dose 26-week oral toxicity study of 20(S)-ginsenoside Rg3 in Kunming mice and Sprague-Dawley rats. <i>Journal of Ginseng Research</i> , 2020, 44, 222-228.	3.0	28
43	Dual Energy Transfer-Based DNA/Graphene Oxide Nanocomplex Probe for Highly Robust and Accurate Monitoring of Apoptosis-Related microRNAs. <i>Analytical Chemistry</i> , 2020, 92, 11565-11572.	3.2	28
44	Label-free gold nanorods sensor array for colorimetric detection and discrimination of biothiols in human urine samples. <i>Talanta</i> , 2019, 203, 220-226.	2.9	27
45	Penta-O-galloyl- β -D-glucose, a hydrolysable tannin from <i>Radix Paeoniae Alba</i> , inhibits adipogenesis and TNF- α -mediated inflammation in 3T3-L1 cells. <i>Chemico-Biological Interactions</i> , 2019, 302, 156-163.	1.7	27
46	Highly Sensitive Detection of miR-21 through Target-Activated Catalytic Hairpin Assembly of X-Shaped DNA Nanostructures. <i>Analytical Chemistry</i> , 2021, 93, 14545-14551.	3.2	25
47	Precise ricin A-chain delivery by Golgi-targeting carbon dots. <i>Chemical Communications</i> , 2019, 55, 6437-6440.	2.2	23
48	LPM580098, a Novel Triple Reuptake Inhibitor of Serotonin, Noradrenaline, and Dopamine, Attenuates Neuropathic Pain. <i>Frontiers in Pharmacology</i> , 2019, 10, 53.	1.6	23
49	A-type ECG and EGCG dimers inhibit 3T3-L1 differentiation by binding to cholesterol in lipid rafts. <i>Journal of Nutritional Biochemistry</i> , 2017, 48, 62-73.	1.9	22
50	Förster Resonance Energy Transfer-Based Soft Nanoballs for Specific and Amplified Detection of MicroRNAs. <i>Analytical Chemistry</i> , 2019, 91, 11023-11029.	3.2	22
51	Transition metal halide-doped, highly stable all-inorganic perovskite nanocrystals for fabrication of white light-emitting diodes. <i>Journal of Materials Chemistry C</i> , 2019, 7, 1690-1695.	2.7	22
52	Manganese oxide doped carbon dots for temperature-responsive biosensing and target bioimaging. <i>Analytica Chimica Acta</i> , 2020, 1104, 125-131.	2.6	22
53	Nonclinical safety of astilbin: A 4-week oral toxicity study in rats with genotoxicity, chromosomal aberration, and mammalian micronucleus tests. <i>Food and Chemical Toxicology</i> , 2017, 107, 1-9.	1.8	21
54	Separation and purification of four phenolic compounds from persimmon by high-speed counter-current chromatography. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2018, 1072, 78-85.	1.2	20

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55	Dy(III)-induced aggregation emission quenching effect of single-layered graphene quantum dots for selective detection of phosphate in the artificial wetlands. <i>Talanta</i> , 2019, 196, 100-108.	2.9	19
56	Aptamers Selected by Cell-SELEX for Molecular Imaging. <i>Journal of Molecular Evolution</i> , 2015, 81, 162-171.	0.8	17
57	A 90-day subchronic toxicity study with sodium formononetin-3-sulphonate (Sul-F) delivered to dogs via intravenous administration. <i>Regulatory Toxicology and Pharmacology</i> , 2016, 77, 87-92.	1.3	16
58	Self-Healing 3D Liquid Freestanding Plasmonic Nanoparticle Membrane for Reproducible Surface-Enhanced Raman Spectroscopy Sensing. <i>ACS Applied Nano Materials</i> , 2020, 3, 10014-10021.	2.4	16
59	His-tag based in situ labelling of progeny viruses for real-time single virus tracking in living cells. <i>Nanoscale</i> , 2016, 8, 18635-18639.	2.8	15
60	Acute, subchronic oral toxicity, and genotoxicity evaluations of LPM570065, a new potent triple reuptake inhibitor. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 98, 129-139.	1.3	15
61	Biosensors Based on Advanced Sulfur-Containing Nanomaterials. <i>Sensors</i> , 2020, 20, 3488.	2.1	15
62	Bio responsive self-assembly of Au-miRNAs for targeted cancer theranostics. <i>EBioMedicine</i> , 2020, 54, 102740.	2.7	15
63	A magnetic nanoparticle-based aptasensor for selective and sensitive determination of lysozyme with strongly scattering silver nanoparticles. <i>Analyst</i> , 2016, 141, 3020-3026.	1.7	14
64	Acute and a 28-day repeated-dose toxicity study of total flavonoids from <i>Clinopodium chinense</i> (Benth.) O. Ktze in mice and rats. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 91, 117-123.	1.3	14
65	Synthesis, biological, and structural explorations of a series of μ -opioid receptor (MOR) agonists with high G protein signaling bias. <i>European Journal of Medicinal Chemistry</i> , 2022, 228, 113986.	2.6	14
66	The synergistic effect enhanced chemical etching of gold nanorods for the rapid and sensitive detection of biomarks. <i>Talanta</i> , 2020, 219, 121203.	2.9	13
67	Chirality transfer of cysteine to the plasmonic resonance region through silver coating of gold nanobipyramids. <i>Chemical Communications</i> , 2021, 57, 3211-3214.	2.2	13
68	Repeated sub-chronic oral toxicity study of xylooligosaccharides (XOS) in dogs. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 86, 379-385.	1.3	12
69	A 26-week 20(S)-ginsenoside Rg3 oral toxicity study in Beagle dogs. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 110, 104522.	1.3	12
70	Microencapsulated mulberry anthocyanins promote the in vitro-digestibility of whey proteins in glycosylated energy-ball models. <i>Food Chemistry</i> , 2021, 345, 128805.	4.2	12
71	Catalytic hairpin assembled polymeric tetrahedral DNA frameworks for MicroRNA imaging in live cells. <i>Biosensors and Bioelectronics</i> , 2022, 197, 113783.	5.3	12
72	Toxicity effects of a novel potent triple reuptake inhibitor, LPM570065, on the fertility and early embryonic development in Sprague-Dawley rats. <i>Regulatory Toxicology and Pharmacology</i> , 2018, 100, 45-51.	1.3	11

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73	Dual-aptamer-based enzyme linked plasmonic assay for pathogenic bacteria detection. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022, 214, 112471.	2.5	11
74	Pharmacological Characterization of Toludesvenlafaxine as a Triple Reuptake Inhibitor. <i>Frontiers in Pharmacology</i> , 2021, 12, 741794.	1.6	10
75	DNA Logic Nanodevices for Real-Time Monitoring of ATP in Lysosomes. <i>Analytical Chemistry</i> , 2021, 93, 15331-15339.	3.2	10
76	Epigenetic Mechanism of 5-HT/NE/DA Triple Reuptake Inhibitor on Adult Depression Susceptibility in Early Stress Mice. <i>Frontiers in Pharmacology</i> , 2022, 13, 848251.	1.6	10
77	Repeated-dose 26-week oral toxicity study of ginsenoside compound K in Beagle dogs. <i>Journal of Ethnopharmacology</i> , 2020, 248, 112323.	2.0	9
78	Nanosurface energy transfer indicating Exo III-propelled stochastic 3D DNA walkers for HIV DNA detection. <i>Analyst, The</i> , 2021, 146, 1675-1681.	1.7	9
79	Europium coordination polymer particles based electrospun nanofibrous film for point-of-care testing of copper (II) ions. <i>Talanta</i> , 2021, 228, 122270.	2.9	9
80	Rational fabrication of a DNA walking nanomachine on graphene oxide surface for fluorescent bioassay. <i>Biosensors and Bioelectronics</i> , 2022, 211, 114349.	5.3	9
81	Identification of two major histocompatibility (MH) class II A genes and their association to <i>Vibrio anguillarum</i> infection in half-smooth tongue sole (<i>Cynoglossus semilaevis</i>). <i>Journal of Ocean University of China</i> , 2012, 11, 32-44.	0.6	8
82	Orthogonal Adsorption of Carbon Dots and DNA on Nanoceria. <i>Langmuir</i> , 2020, 36, 2474-2481.	1.6	8
83	Lighting up of carbon dots for copper(II) detection using an aggregation-induced enhanced strategy. <i>Analyst, The</i> , 2022, 147, 417-422.	1.7	8
84	“Hepatitis virus indicator”—the simultaneous detection of hepatitis B and hepatitis C viruses based on the automatic particle enumeration. <i>Biosensors and Bioelectronics</i> , 2022, 202, 114001.	5.3	8
85	Genotoxicity testing of sodium formononetin-3-sulphonate (Sul-F) by assessing bacterial reverse mutation, chromosomal aberrations and micronucleus tests. <i>Regulatory Toxicology and Pharmacology</i> , 2017, 86, 374-378.	1.3	7
86	Toxicological evaluation of, red rice yeast extract, Xuezhikang: Acute, 26-week chronic and genotoxicity studies. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 114, 104654.	1.3	7
87	Magnetic Bead-Based Sandwich Immunoassay for Viral Pathogen Detection by Employing Gold Nanoparticle as Carrier. <i>Journal of Analysis and Testing</i> , 2017, 1, 298-305.	2.5	6
88	DNA Photonic Nanowires for Homogeneous Entropy-Driven Biomolecular Assay of Thrombin. <i>ACS Applied Nano Materials</i> , 2021, 4, 2849-2854.	2.4	6
89	A high-integrated DNA biocomputing platform for MicroRNA sensing in living cells. <i>Biosensors and Bioelectronics</i> , 2022, 207, 114183.	5.3	6
90	Au Nanoparticle-Based Fluorescent Turn-on Nanoprobes for Real-Time Imaging the Expression of miR-630 during Cell Apoptosis. <i>ACS Applied Nano Materials</i> , 2021, 4, 13469-13476.	2.4	5

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91	Locus Number Estimation of MHC Class II B in Stone Flounder and Japanese Flounder. <i>International Journal of Molecular Sciences</i> , 2015, 16, 6000-6017.	1.8	4
92	A study of D-allulose-associated reproductive toxicity in rats. <i>Food and Chemical Toxicology</i> , 2019, 131, 110548.	1.8	4
93	PCC-0105002, a novel small molecule inhibitor of PSD95-nNOS protein-protein interactions, attenuates neuropathic pain and corrects motor disorder associated with neuropathic pain model. <i>Toxicology and Applied Pharmacology</i> , 2021, 429, 115698.	1.3	4
94	Soft nanoball-encapsulated carbon dots for reactive oxygen species scavenging and the highly sensitive chemiluminescent assay of nucleic acid biomarkers. <i>Analyst, The</i> , 2021, 146, 7187-7193.	1.7	4
95	One-donor-two-acceptors coupled energy transfer nanoprobe for recording of viral gene replication in living cells. <i>Chemical Engineering Journal</i> , 2022, 434, 134658.	6.6	3
96	The galloyl moiety enhances inhibitory activity of polyphenols against adipogenic differentiation in 3T3-L1 preadipocytes. <i>Food and Function</i> , 2022, 13, 5275-5286.	2.1	3
97	Synergistic effect-mediated fluorescence switching of nitrogen-doped carbon dots for visual detection of alkaline phosphatase. <i>Microchemical Journal</i> , 2022, 181, 107651.	2.3	3
98	Assessment of the toxicity and toxicokinetics of the novel potent tropomyosin receptor kinase (Trk) inhibitor LPM4870108 in rhesus monkeys. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 122, 104886.	1.3	2
99	The tyrosine kinase inhibitor LPM4870108 impairs learning and memory and induces transcriptomic and gene-specific DNA methylation changes in rats. <i>Archives of Toxicology</i> , 2022, 96, 845-857.	1.9	1
100	Programmable, Universal DNAzyme Amplifier Supporting Pancreatic Cancer-Related miRNAs Detection. <i>Chemosensors</i> , 2022, 10, 276.	1.8	1
101	A visual test paper for extremely strong concentrated acidity with a new synthesized isoindole reagent. <i>Talanta</i> , 2009, 78, 1173-1176.	2.9	0
102	Characteristics of DNA-AuNP networks on cell membranes and real-time movies for viral infection. <i>Data in Brief</i> , 2016, 6, 652-660.	0.5	0
103	A 26-week toxicological study of Xuezhikang (XZK), red yeast rice extract, in Beagle dogs with a 4-week recovery period. <i>Regulatory Toxicology and Pharmacology</i> , 2020, 117, 104781.	1.3	0
104	Toxicological evaluation of <i>S. involucrata</i> culture: Acute, 90-day subchronic and genotoxicity studies. <i>Regulatory Toxicology and Pharmacology</i> , 2021, 124, 104980.	1.3	0
105	Recent Advances in Nutritious Appetizers: Characteristics, Formulas, Technical Attributes, and Health Benefits. <i>Food Reviews International</i> , 0, , 1-24.	4.3	0