

Chun Mei Li

List of Publications by Citations

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102
papers

2,776
citations

26
h-index

50
g-index

106
ext. papers

3,505
ext. citations

6.7
avg, IF

5.88
L-index

#	Paper	IF	Citations
102	Carbon dots: synthesis, formation mechanism, fluorescence origin and sensing applications. <i>Green Chemistry</i> , 2019 , 21, 449-471	10	516
101	Curcumin modified silver nanoparticles for highly efficient inhibition of respiratory syncytial virus infection. <i>Nanoscale</i> , 2016 , 8, 3040-8	7.7	172
100	Gold-Coated FeO Nanoroses with Five Unique Functions for Cancer Cell Targeting, Imaging and Therapy. <i>Advanced Functional Materials</i> , 2014 , 24, 1772-1780	15.6	158
99	A gold nanoparticles-based colorimetric assay for alkaline phosphatase detection with tunable dynamic range. <i>Biosensors and Bioelectronics</i> , 2013 , 43, 366-71	11.8	122
98	Chiral nanoprobe for targeting and long-term imaging of the Golgi apparatus. <i>Chemical Science</i> , 2017 , 8, 6829-6835	9.4	114
97	Semiquantification of ATP in live cells using nonspecific desorption of DNA from graphene oxide as the internal reference. <i>Analytical Chemistry</i> , 2012 , 84, 8622-7	7.8	98
96	Fluorescent carbon dots functionalization. <i>Advances in Colloid and Interface Science</i> , 2019 , 270, 165-190	14.3	92
95	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	2.9	88
94	A spherical nucleic acid platform based on self-assembled DNA biopolymer for high-performance cancer therapy. <i>ACS Nano</i> , 2013 , 7, 6545-54	16.7	83
93	Terbium(III) Modified Fluorescent Carbon Dots for Highly Selective and Sensitive Ratiometry of Stringent. <i>Analytical Chemistry</i> , 2018 , 90, 4003-4009	7.8	80
92	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	9.5	79
91	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	9.3	58
90	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	7.9	47
89	Anthrax biomarker: An ultrasensitive fluorescent ratiometry of dipicolinic acid by using terbium(III)-modified carbon dots. <i>Talanta</i> , 2019 , 191, 443-448	6.2	42
88	Pirfenidone controls the feedback loop of the AT1R/p38 MAPK/renin-angiotensin system axis by regulating liver X receptor in myocardial infarction-induced cardiac fibrosis. <i>Scientific Reports</i> , 2017 , 7, 40523	4.9	40
87	Dendritic CuSe with Hierarchical Side-Branched: Synthesis, Efficient Adsorption, and Enhanced Photocatalytic Activities under Daylight. <i>ACS Sustainable Chemistry and Engineering</i> , 2017 , 5, 4154-4160	8.3	39
86	Metal-organic framework MIL-101 enhanced fluorescence anisotropy for sensitive detection of DNA. <i>RSC Advances</i> , 2014 , 4, 9379-9382	3.7	37

85	DNA Nanofirecrackers Assembled through Hybridization Chain Reaction for Ultrasensitive SERS Immunoassay of Prostate Specific Antigen. <i>Analytical Chemistry</i> , 2020 , 92, 4046-4052	7.8	36
84	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	7.8	35
83	Optical investigations on ATP-induced aggregation of positive-charged gold nanoparticles. <i>Talanta</i> , 2010 , 81, 1339-45	6.2	34
82	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	11.8	32
81	Tannins inhibit SARS-CoV-2 through binding with catalytic dyad residues of 3CL : An in silico approach with 19 structural different hydrolysable tannins. <i>Journal of Food Biochemistry</i> , 2020 , 44, e13432	3.2	32
80	Ratiometrically Fluorescent Electrospun Nanofibrous Film as a Cu-Mediated Solid-Phase Immunoassay Platform for Biomarkers. <i>Analytical Chemistry</i> , 2018 , 90, 9966-9974	7.8	31
79	Ru(III)-Based Metal-Organic Gels: Intrinsic Horseradish and NADH Peroxidase-Mimicking Nanozyme. <i>ACS Applied Materials & Interfaces</i> , 2019 , 11, 29158-29166	9.5	31
78	DNA-AuNP networks on cell membranes as a protective barrier to inhibit viral attachment, entry and budding. <i>Biomaterials</i> , 2016 , 77, 216-26	15.6	29
77	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	7.3	27
76	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, 6716-22	5.7	25
75	Mulberry anthocyanins exert anti-AGEs effects by selectively trapping glyoxal and structural-dependently blocking the lysyl residues of β -lactoglobulins. <i>Bioorganic Chemistry</i> , 2020 , 96, 103615	5.1	22
74	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	7.9	22
73	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	4.7	19
72	Label-free gold nanorods sensor array for colorimetric detection and discrimination of biothiols in human urine samples. <i>Talanta</i> , 2019 , 203, 220-226	6.2	19
71	Chromium(III)-doped carbon dots: fluorometric detection of p-nitrophenol via inner filter effect quenching. <i>Mikrochimica Acta</i> , 2019 , 186, 384	5.8	19
70	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	6.2	18
69	LPM580098, a Novel Triple Reuptake Inhibitor of Serotonin, Noradrenaline, and Dopamine, Attenuates Neuropathic Pain. <i>Frontiers in Pharmacology</i> , 2019 , 10, 53	5.6	18
68	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	5.8	18

67	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	4.7	17
66	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	7.8	17
65	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	7.8	17
64	Precise ricin A-chain delivery by Golgi-targeting carbon dots. <i>Chemical Communications</i> , 2019 , 55, 6437-6440	5.8	16
63	Cobalt oxyhydroxide nanoflakes with oxidase-mimicking activity induced chemiluminescence of luminol for glutathione detection. <i>Talanta</i> , 2020 , 215, 120928	6.2	15
62	Förster Resonance Energy Transfer-Based Soft Nanoballs for Specific and Amplified Detection of MicroRNAs. <i>Analytical Chemistry</i> , 2019 , 91, 11023-11029	7.8	15
61	PCC0208017, a novel small-molecule inhibitor of MARK3/MARK4, suppresses glioma progression and. <i>Acta Pharmaceutica Sinica B</i> , 2020 , 10, 289-300	15.5	15
60	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	7.1	14
59	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	6.2	14
58	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	3.2	14
57	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	7.9	13
56	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	6.3	13
55	Aptamers Selected by Cell-SELEX for Molecular Imaging. <i>Journal of Molecular Evolution</i> , 2015 , 81, 162-713	3.1	13
54	2D MOF-Based Photoelectrochemical Aptasensor for SARS-CoV-2 Spike Glycoprotein Detection. <i>ACS Applied Materials & Interfaces</i> , 2021 , 13, 49754-49761	9.5	13
53	A magnetic nanoparticle-based aptasensor for selective and sensitive determination of lysozyme with strongly scattering silver nanoparticles. <i>Analyst, The</i> , 2016 , 141, 3020-6	5	13
52	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	7.7	12
51	A 90-day subchronic toxicity study with sodium formononetin-3Tsulphonate (Sul-F) delivered to dogs via intravenous administration. <i>Regulatory Toxicology and Pharmacology</i> , 2016 , 77, 87-92	3.4	12
50	Manganese oxide doped carbon dots for temperature-responsive biosensing and target bioimaging. <i>Analytica Chimica Acta</i> , 2020 , 1104, 125-131	6.6	11

49	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	7.8	11
48	Repeated sub-chronic oral toxicity study of xylooligosaccharides (XOS) in dogs. <i>Regulatory Toxicology and Pharmacology</i> , 2017 , 86, 379-385	3.4	10
47	The synergistic effect enhanced chemical etching of gold nanorods for the rapid and sensitive detection of biomarkers. <i>Talanta</i> , 2020 , 219, 121203	6.2	10
46	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	3.4	10
45	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	3.4	10
44	Penta-O-galloyl- β -D-glucose, a hydrolysable tannin from <i>Radix Paeoniae Alba</i> , inhibits adipogenesis and TNF- β -mediated inflammation in 3T3-L1 cells. <i>Chemico-Biological Interactions</i> , 2019 , 302, 156-163	5	10
43	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	7.8	8
42	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	13	8
41	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	3.4	8
40	Biosensors Based on Advanced Sulfur-Containing Nanomaterials. <i>Sensors</i> , 2020 , 20,	3.8	7
39	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	1	7
38	A 26-week 20(S)-ginsenoside Rg3 oral toxicity study in Beagle dogs. <i>Regulatory Toxicology and Pharmacology</i> , 2020 , 110, 104522	3.4	7
37	Genotoxicity testing of sodium formononetin-3Fsulphonate (Sul-F) by assessing bacterial reverse mutation, chromosomal aberrations and micronucleus tests. <i>Regulatory Toxicology and Pharmacology</i> , 2017 , 86, 374-378	3.4	6
36	Carbon dots as nanocatalytic medicine for anti-inflammation therapy.. <i>Journal of Colloid and Interface Science</i> , 2021 , 611, 545-553	9.3	6
35	Repeated-dose 26-week oral toxicity study of ginsenoside compound K in Beagle dogs. <i>Journal of Ethnopharmacology</i> , 2020 , 248, 112323	5	6
34	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	5.6	6
33	Toxicological evaluation of, red rice yeast extract, Xuezhikang: Acute, 26-week chronic and genotoxicity studies. <i>Regulatory Toxicology and Pharmacology</i> , 2020 , 114, 104654	3.4	6
32	Orthogonal Adsorption of Carbon Dots and DNA on Nanoceria. <i>Langmuir</i> , 2020 , 36, 2474-2481	4	5

31	Bio responsive self-assembly of Au-miRNAs for targeted cancer theranostics. <i>EBioMedicine</i> , 2020 , 54, 102740	8.8	5
30	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	3.2	4
29	Microencapsulated mulberry anthocyanins promote the in vitro-digestibility of whey proteins in glycosylated energy-ball models. <i>Food Chemistry</i> , 2021 , 345, 128805	8.5	4
28	Pharmacological Characterization of Toludesvenlafaxine as a Triple Reuptake Inhibitor. <i>Frontiers in Pharmacology</i> , 2021 , 12, 741794	5.6	4
27	Chirality transfer of cysteine to the plasmonic resonance region through silver coating of gold nanobipyramids. <i>Chemical Communications</i> , 2021 , 57, 3211-3214	5.8	4
26	A study of D-allulose-associated reproductive toxicity in rats. <i>Food and Chemical Toxicology</i> , 2019 , 131, 110548	4.7	3
25	Locus number estimation of MHC class II B in stone flounder and Japanese flounder. <i>International Journal of Molecular Sciences</i> , 2015 , 16, 6000-17	6.3	3
24	Synthesis, biological, and structural explorations of a series of Opioid receptor (MOR) agonists with high G protein signaling bias. <i>European Journal of Medicinal Chemistry</i> , 2021 , 228, 113986	6.8	3
23	"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	11.8	2
22	Lighting up of carbon dots for copper(II) detection using an aggregation-induced enhanced strategy.. <i>Analyst, The</i> , 2022 ,	5	2
21	Europium coordination polymer particles based electrospun nanofibrous film for point-of-care testing of copper (II) ions. <i>Talanta</i> , 2021 , 228, 122270	6.2	2
20	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	3.4	2
19	Nanosurface energy transfer indicating Exo III-propelled stochastic 3D DNA walkers for HIV DNA detection. <i>Analyst, The</i> , 2021 , 146, 1675-1681	5	2
18	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	14.7	1
17	Catalytic hairpin assembled polymeric tetrahedral DNA frameworks for MicroRNA imaging in live cells. <i>Biosensors and Bioelectronics</i> , 2022 , 197, 113783	11.8	1
16	DNA Logic Nanodevices for Real-Time Monitoring of ATP in Lysosomes. <i>Analytical Chemistry</i> , 2021 , 93, 15331-15339	7.8	1
15	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	5	1
14	DNA Photonic Nanowires for Homogeneous Entropy-Driven Biomolecular Assay of Thrombin. <i>ACS Applied Nano Materials</i> , 2021 , 4, 2849-2854	5.6	1

13	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	5.6	1
12	DNA Logic Nanodevices for the Sequential Imaging of Cancer Markers through Localized Catalytic Hairpin Assembly Reaction.. <i>Analytical Chemistry</i> , 2022 ,	7.8	1
11	Rational fabrication of a DNA walking nanomachine on graphene oxide surface for fluorescent bioassay.. <i>Biosensors and Bioelectronics</i> , 2022 , 211, 114349	11.8	1
10	Synergistic effect-mediated fluorescence switching of nitrogen-doped carbon dots for visual detection of alkaline phosphatase. <i>Microchemical Journal</i> , 2022 , 181, 107651	4.8	1
9	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	4.6	0
8	Dual-aptamer-based enzyme linked plasmonic assay for pathogenic bacteria detection.. <i>Colloids and Surfaces B: Biointerfaces</i> , 2022 , 214, 112471	6	0
7	A high-integrated DNA biocomputing platform for MicroRNA sensing in living cells.. <i>Biosensors and Bioelectronics</i> , 2022 , 207, 114183	11.8	0
6	Characteristics of DNA-AuNP networks on cell membranes and real-time movies for viral infection. <i>Data in Brief</i> , 2016 , 6, 652-60	1.2	
5	A visual test paper for extremely strong concentrated acidity with a new synthesized isoindole reagent. <i>Talanta</i> , 2009 , 78, 1173-6	6.2	
4	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	5.8	
3	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	3-4	
2	Toxicological evaluation of <i>S. involucrata</i> culture: Acute, 90-day subchronic and genotoxicity studies. <i>Regulatory Toxicology and Pharmacology</i> , 2021 , 124, 104980	3-4	
1	Recent Advances in Nutritious Appetizers: Characteristics, Formulas, Technical Attributes, and Health Benefits. <i>Food Reviews International</i> , 1-24	5-5	