

Zhi-Ling Song

List of Publications by Year in descending order

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59
papers

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218677

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254184

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docs citations

59
times ranked

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#	ARTICLE	IF	CITATIONS
1	A Cell-Anchored and Self-Calibrated DNA Nanoplatfor for in Situ Imaging and Quantification of Endogenous MicroRNA in Live Cells: Introducing Two Controls to Normalize the Sensing Signals. <i>CCS Chemistry</i> , 2023, 5, 176-190.	7.8	6
2	A DNAzyme-based normalized fluorescence strategy for direct quantification of endogenous zinc in living cells. <i>Chemical Communications</i> , 2022, 58, 577-580.	4.1	6
3	Long-wavelength emission carbon dots as self-ratiometric fluorescent nanoprobe for sensitive determination of Zn ²⁺ . <i>Mikrochimica Acta</i> , 2022, 189, 55.	5.0	3
4	Selective detection of ozone in inflamed mice using a novel activatable chemiluminescent probe. <i>Chemical Communications</i> , 2022, 58, 4184-4187.	4.1	4
5	Advances in metal graphitic nanocapsules for biomedicine. <i>Exploration</i> , 2022, 2, .	11.0	16
6	Antifouling peptides combined with recognizing DNA probes for ultralow fouling electrochemical detection of cancer biomarkers in human bodily fluids. <i>Biosensors and Bioelectronics</i> , 2022, 206, 114162.	10.1	25
7	A sensitive fluorescence biosensor based on metal ion-mediated DNAzyme activity for amplified detection of acetylcholinesterase. <i>Analyst</i> , The, 2022, , .	3.5	2
8	A near-infrared fluorescent probe with large stokes shift for accurate detection of Î²-glucuronidase in living cells and mouse models. <i>Sensors and Actuators B: Chemical</i> , 2021, 326, 128849.	7.8	18
9	Peroxidase-like Au@Pt nanozyme as an integrated nanosensor for Ag ⁺ detection by LSPR spectroscopy. <i>Talanta</i> , 2021, 221, 121627.	5.5	48
10	Aptamer-based fluorescent sensors for the detection of cancer biomarkers. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 247, 119038.	3.9	55
11	Î²-Cyclodextrin-cholic acid-hyaluronic acid polymer coated Fe ₃ O ₄ -graphene oxide nanohybrids as local chemo-photothermal synergistic agents for enhanced liver tumor therapy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2021, 199, 111510.	5.0	34
12	Highly selective and antifouling electrochemical biosensors for sensitive MicroRNA assaying based on conducting polymer polyaniline functionalized with zwitterionic peptide. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 543-553.	3.7	17
13	Framework nucleic acid-based confined enzyme cascade for efficient synergistic cancer therapy in vivo. <i>Science China Chemistry</i> , 2021, 64, 660-665.	8.2	9
14	Alkyne functionalized graphene-isolated-Au-nanocrystal for the ratiometric SERS sensing of alkaline phosphatase with acetonitrile solvent as an internal standard. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129373.	7.8	19
15	Ni-N-Doped Carbon-Modified Reduced Graphene Oxide Catalysts for Electrochemical CO ₂ Reduction Reaction. <i>Catalysts</i> , 2021, 11, 561.	3.5	2
16	Covalent Amide-Bonded Nanoflares for High-Fidelity Intracellular Sensing and Targeted Therapy: A Superstable Nanosystem Free of Nonspecific Interferences. <i>Analytical Chemistry</i> , 2021, 93, 7879-7888.	6.5	8
17	Ratiometric Semiconducting Polymer Nanoparticle for Reliable Photoacoustic Imaging of Pneumonia-Induced Vulnerable Atherosclerotic Plaque in Vivo. <i>Nano Letters</i> , 2021, 21, 4484-4493.	9.1	51
18	MnO ₂ shell-isolated SERS nanoprobe for the quantitative detection of ALP activity in trace serum: Relying on the enzyme-triggered etching of MnO ₂ shell to regulate the signal. <i>Sensors and Actuators B: Chemical</i> , 2021, 334, 129605.	7.8	20

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19	Tumor-specific Multipath Nucleic Acid Damages Strategy by Symbiosed Nanozyme@Enzyme with Synergistic Self-cyclic Catalysis. <i>Small</i> , 2021, 17, e2100766.	10.0	12
20	A novel ratiometric fluorescence nanoprobe for sensitive determination of uric acid based on CD@ZIF-CuNC nanocomposites. <i>Mikrochimica Acta</i> , 2021, 188, 259.	5.0	28
21	Bacterial community composition of internal circulation reactor at different heights for large-scale brewery wastewater treatment. <i>Bioresource Technology</i> , 2021, 331, 125027.	9.6	38
22	Multifunctional nano-biosensor based on metal-organic framework for enhanced fluorescence imaging of intracellular miRNA-122 and synergistic chemo-photothermal therapy of tumor cells. <i>Analytica Chimica Acta</i> , 2021, 1176, 338779.	5.4	11
23	Discovery of new 2-phenyl-1H-benzo[d]imidazole core-based potent α -glucosidase inhibitors: Synthesis, kinetic study, molecular docking, and in vivo anti-hyperglycemic evaluation. <i>Bioorganic Chemistry</i> , 2021, 117, 105423.	4.1	11
24	Design, synthesis and biological evaluation of novel (E)-2-benzylidene-N-(3-cyano-4,5,6,7-tetrahydrobenzo[b]thiophen-2-yl)hydrazine-1-carboxamide derivatives as α -glucosidase inhibitors. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2021, 52, 128413.	2.2	7
25	One-pot enzyme- and indicator-free colorimetric sensing of glucose based on MnO ₂ nano-oxidizer. <i>Sensors and Actuators B: Chemical</i> , 2020, 304, 127304.	7.8	34
26	Shell-Switchable SERS Blocking Strategy for Reliable Signal-On SERS Sensing in Living Cells: Detecting an External Target without Affecting the Internal Raman Molecule. <i>Analytical Chemistry</i> , 2020, 92, 11469-11475.	6.5	22
27	Ultrasensitive DNA Detection Based on Inorganic-Organic Nanocomposite Cosensitization and C-Quadruplex/Hemin Catalysis for Signal Amplification. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 42604-42611.	8.0	12
28	A Transparent Vessel-on-a-Chip Device for Hemodynamic Analysis and Early Diagnosis of Intracranial Aneurysms by CFD and PC-MRI. <i>ACS Sensors</i> , 2020, 5, 4064-4071.	7.8	4
29	Glycyrrhiza polysaccharide doped the conducting polymer PEDOT hybrid-modified biosensors for the ultrasensitive detection of microRNA. <i>Analytica Chimica Acta</i> , 2020, 1139, 155-163.	5.4	14
30	A AuNP-capped cage fluorescent biosensor based on controlled-release and cyclic enzymatic amplification for ultrasensitive detection of ATP. <i>Journal of Materials Chemistry B</i> , 2020, 8, 5945-5951.	5.8	10
31	Highly selective and sensitive FRET based ratiometric two-photon fluorescent probe for endogenous β -galactosidase detection in living cells and tissues. <i>Microchemical Journal</i> , 2020, 157, 105046.	4.5	18
32	Target-induced formation of multiple DNAzymes in solid-state nanochannels: Toward innovative photoelectrochemical probing of telomerase activity. <i>Biosensors and Bioelectronics</i> , 2019, 142, 111564.	10.1	15
33	Ultrasound assisted one-step synthesis of Au@Pt dendritic nanoparticles with enhanced NIR absorption for photothermal cancer therapy. <i>RSC Advances</i> , 2019, 9, 28541-28547.	3.6	25
34	A long wavelength emission two-photon fluorescent probe for highly selective detection of cysteine in living cells and an inflamed mouse model. <i>Journal of Materials Chemistry B</i> , 2019, 7, 3970-3975.	5.8	29
35	Low fouling electrochemical sensing in complex biological media by using the ionic liquid-doped conducting polymer PEDOT: application to voltammetric determination of dopamine. <i>Mikrochimica Acta</i> , 2019, 186, 220.	5.0	40
36	A dual factor activated metal-organic framework hybrid nanoplatfor for photoacoustic imaging and synergetic photo-chemotherapy. <i>Nanoscale</i> , 2019, 11, 20630-20637.	5.6	39

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37	Electrochemical determination of paracetamol based on Au@graphene core-shell nanoparticles doped conducting polymer PEDOT nanocomposite. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 778-785.	7.8	78
38	Biodegradable nanoprobe based on MnO ₂ nanoflowers and graphene quantum dots for near infrared fluorescence imaging of glutathione in living cells. <i>Mikrochimica Acta</i> , 2018, 185, 485.	5.0	33
39	Synthesis of amphiphilic graphitic silver nanoparticles with inherent internal standards: an efficient strategy for reliable quantitative SERS analysis in common fluids. <i>Chemical Communications</i> , 2018, 54, 8618-8621.	4.1	13
40	Near Infrared Graphene Quantum Dots-Based Two-Photon Nanoprobe for Direct Bioimaging of Endogenous Ascorbic Acid in Living Cells. <i>Analytical Chemistry</i> , 2017, 89, 4077-4084.	6.5	147
41	An antifouling electrochemical immunosensor for carcinoembryonic antigen based on hyaluronic acid doped conducting polymer PEDOT. <i>RSC Advances</i> , 2016, 6, 88411-88416.	3.6	36
42	Gold nanoparticles and polyethylene glycols functionalized conducting polyaniline nanowires for ultrasensitive and low fouling immunosensing of alpha-fetoprotein. <i>Biosensors and Bioelectronics</i> , 2016, 86, 143-149.	10.1	63
43	A highly sensitive biosensor for tumor marker alpha fetoprotein based on poly(ethylene glycol) doped conducting polymer PEDOT. <i>Biosensors and Bioelectronics</i> , 2016, 79, 736-741.	10.1	107
44	Stable and unique graphitic Raman internal standard nanocapsules for surface-enhanced Raman spectroscopy quantitative analysis. <i>Nano Research</i> , 2016, 9, 1418-1425.	10.4	45
45	Electrodeposited Conducting Polyaniline Nanowire Arrays Aligned on Carbon Nanotubes Network for High Performance Supercapacitors and Sensors. <i>Electrochimica Acta</i> , 2016, 199, 234-241.	5.2	98
46	Quench-Shield Ratiometric Upconversion Luminescence Nanoplatfrom for Biosensing. <i>Analytical Chemistry</i> , 2016, 88, 1639-1646.	6.5	59
47	Rapid screening and identification of compounds with DNA-binding activity from <i>Folium Citri Reticulatae</i> using on-line HPLC-DAD-MSn coupled with a post column fluorescence detection system. <i>Food Chemistry</i> , 2016, 192, 250-259.	8.2	17
48	Fabrication of GO/magnetic graphitic nanocapsule/TiO ₂ assemblies as efficient and recyclable photocatalysts. <i>Science China Chemistry</i> , 2015, 58, 1131-1136.	8.2	7
49	Fabrication of superstable gold nanorod-carbon nanocapsule as a molecule loading material. <i>Science Bulletin</i> , 2015, 60, 1101-1107.	9.0	18
50	Fluorescent Nanosensor for Probing Histone Acetyltransferase Activity Based on Acetylation Protection and Magnetic Graphitic Nanocapsules. <i>Small</i> , 2015, 11, 877-885.	10.0	40
51	Magnetic-graphitic-nanocapsule templated diacetylene assembly and photopolymerization for sensing and multicoded anti-counterfeiting. <i>Nanoscale</i> , 2014, 6, 13097-13103.	5.6	23
52	A label-free electrochemical biosensor for highly sensitive and selective detection of DNA via a dual-amplified strategy. <i>Biosensors and Bioelectronics</i> , 2014, 54, 442-447.	10.1	64
53	Alkyne-Functionalized Superstable Graphitic Silver Nanoparticles for Raman Imaging. <i>Journal of the American Chemical Society</i> , 2014, 136, 13558-13561.	13.7	154
54	Hollow graphitic nanocapsules as efficient electrode materials for sensitive Hydrogen peroxide detection. <i>Biosensors and Bioelectronics</i> , 2014, 52, 438-444.	10.1	24

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55	Plasma-assisted nitrogen doping of graphene-encapsulated Pt nanocrystals as efficient fuel cell catalysts. <i>Journal of Materials Chemistry A</i> , 2014, 2, 472-477.	10.3	44
56	Fabrication of Graphene-isolated-Au-nanocrystal Nanostructures for Multimodal Cell Imaging and Photothermal-enhanced Chemotherapy. <i>Scientific Reports</i> , 2014, 4, 6093.	3.3	95
57	On-line study of flavonoids of <i>Trollius chinensis</i> Bunge binding to DNA with ethidium bromide using a novel combination of chromatographic, mass spectrometric and fluorescence techniques. <i>Journal of Chromatography A</i> , 2013, 1282, 102-112.	3.7	21
58	Magnetic Graphitic Nanocapsules for Programmed DNA Fishing and Detection. <i>Small</i> , 2013, 9, 951-957.	10.0	39
59	Unimolecular Catalytic DNA Biosensor for Amplified Detection of Histidine via an Enzymatic Recycling Cleavage Strategy. <i>Analytical Chemistry</i> , 2011, 83, 7603-7607.	6.5	75