

Jishan Li

List of Publications by Year in descending order

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4281
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#	ARTICLE	IF	CITATIONS
1	Rolling Circle Amplification Combined with Gold Nanoparticle Aggregates for Highly Sensitive Identification of Single-Nucleotide Polymorphisms. <i>Analytical Chemistry</i> , 2010, 82, 2811-2816.	6.5	189
2	Design of Aptamer-Based Sensing Platform Using Triple-Helix Molecular Switch. <i>Analytical Chemistry</i> , 2011, 83, 6586-6592.	6.5	161
3	Upconversion Nanoprobes for the Ratiometric Luminescent Sensing of Nitric Oxide. <i>Journal of the American Chemical Society</i> , 2017, 139, 12354-12357.	13.7	147
4	Exploiting the Higher Specificity of Silver Amalgamation: Selective Detection of Mercury(II) by Forming Ag/Hg Amalgam. <i>Analytical Chemistry</i> , 2013, 85, 8594-8600.	6.5	146
5	Quantitative detection of exosomal microRNA extracted from human blood based on surface-enhanced Raman scattering. <i>Biosensors and Bioelectronics</i> , 2018, 101, 167-173.	10.1	141
6	Design of a Simultaneous Target and Location-Activatable Fluorescent Probe for Visualizing Hydrogen Sulfide in Lysosomes. <i>Analytical Chemistry</i> , 2014, 86, 7508-7515.	6.5	134
7	A colorimetric method for point mutation detection using high-fidelity DNA ligase. <i>Nucleic Acids Research</i> , 2005, 33, e168-e168.	14.5	115
8	Two-Photon Graphene Oxide/Aptamer Nanosensing Conjugate for <i>In Vitro</i> or <i>In Vivo</i> Molecular Probing. <i>Analytical Chemistry</i> , 2014, 86, 3548-3554.	6.5	101
9	Ratiometric Visualization of NO/H ₂ S Cross-Talk in Living Cells and Tissues Using a Nitroxyl-Responsive Two-Photon Fluorescence Probe. <i>Analytical Chemistry</i> , 2017, 89, 4587-4594.	6.5	92
10	A novel SERS nanoprobe for the ratiometric imaging of hydrogen peroxide in living cells. <i>Chemical Communications</i> , 2016, 52, 8553-8556.	4.1	85
11	Target MicroRNA-Responsive DNA Hydrogel-Based Surface-Enhanced Raman Scattering Sensor Arrays for MicroRNA-Marked Cancer Screening. <i>Analytical Chemistry</i> , 2020, 92, 2649-2655.	6.5	78
12	Target-Activated Modulation of Dual-Color and Two-Photon Fluorescence of Graphene Quantum Dots for <i>In Vivo</i> Imaging of Hydrogen Peroxide. <i>Analytical Chemistry</i> , 2016, 88, 4833-4840.	6.5	77
13	Combination of DNA Ligase Reaction and Gold Nanoparticle-Quenched Fluorescent Oligonucleotides: A Simple and Efficient Approach for Fluorescent Assaying of Single-Nucleotide Polymorphisms. <i>Analytical Chemistry</i> , 2010, 82, 7684-7690.	6.5	67
14	Alkyne-DNA-Functionalized Alloyed Au/Ag Nanospheres for Ratiometric Surface-Enhanced Raman Scattering Imaging Assay of Endonuclease Activity in Live Cells. <i>Analytical Chemistry</i> , 2018, 90, 3898-3905.	6.5	65
15	Simultaneous Intracellular ² -Glucosidase and Phosphodiesterase I Activities Measurements Based on A Triple-Signaling Fluorescent Probe. <i>Analytical Chemistry</i> , 2011, 83, 1268-1274.	6.5	64
16	Direct Fluorescent Detection of Blood Potassium by Ion-Selective Formation of Intermolecular G-Quadruplex and Ligand Binding. <i>Analytical Chemistry</i> , 2016, 88, 9285-9292.	6.5	63
17	Azoreductase-Responsive Nanoprobe for Hypoxia-Induced Mitophagy Imaging. <i>Analytical Chemistry</i> , 2019, 91, 1360-1367.	6.5	59
18	Catalytic Hairpin Self-Assembly-Based SERS Sensor Array for the Simultaneous Measurement of Multiple Cancer-Associated miRNAs. <i>ACS Sensors</i> , 2020, 5, 4009-4016.	7.8	57

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19	Design of a Room-Temperature Phosphorescence-Based Molecular Beacon for Highly Sensitive Detection of Nucleic Acids in Biological Fluids. <i>Analytical Chemistry</i> , 2011, 83, 1356-1362.	6.5	51
20	Fabrication of Versatile Cyclodextrin-Functionalized Upconversion Luminescence Nanoplatform for Biomedical Imaging. <i>Analytical Chemistry</i> , 2014, 86, 6508-6515.	6.5	51
21	Oligonucleotide Cross-Linked Hydrogel for Recognition and Quantitation of MicroRNAs Based on a Portable Glucometer Readout. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 7792-7799.	8.0	50
22	Poly β -Cyclodextrin/TPdye Nanomicelle-based Two-Photon Nanoprobe for Caspase-3 Activation Imaging in Live Cells and Tissues. <i>Analytical Chemistry</i> , 2014, 86, 11440-11450.	6.5	48
23	DNA-templated in situ growth of AgNPs on SWNTs: a new approach for highly sensitive SERS assay of microRNA. <i>Chemical Communications</i> , 2015, 51, 6552-6555.	4.1	44
24	Targeted Intracellular Controlled Drug Delivery and Tumor Therapy through in Situ Forming Ag Nanogates on Mesoporous Silica Nanocontainers. <i>ACS Applied Materials & Interfaces</i> , 2015, 7, 11930-11938.	8.0	44
25	Molecular Engineering of β -Substituted Acrylate Ester Template for Efficient Fluorescence Probe of Hydrogen Polysulfides. <i>Analytical Chemistry</i> , 2018, 90, 881-887.	6.5	43
26	Nanoconjugates of Ag/Au/Carbon Nanotube for Alkyne-Mediated Ratiometric SERS Imaging of Hypoxia in Hepatic Ischemia. <i>Analytical Chemistry</i> , 2019, 91, 4529-4536.	6.5	42
27	Azoreductase and Target Simultaneously Activated Fluorescent Monitoring for Cytochrome c Release under Hypoxia. <i>Analytical Chemistry</i> , 2018, 90, 5865-5872.	6.5	37
28	Poly β -cyclodextrin inclusion-induced formation of two-photon fluorescent nanomicelles for biomedical imaging. <i>Chemical Communications</i> , 2014, 50, 8398-8401.	4.1	35
29	Two-Photon Excitation/Red Emission, Ratiometric Fluorescent Nanoprobe for Intracellular pH Imaging. <i>Analytical Chemistry</i> , 2020, 92, 583-587.	6.5	34
30	Quantitative Monitoring of Hypoxia-Induced Intracellular Acidification in Lung Tumor Cells and Tissues Using Activatable Surface-Enhanced Raman Scattering Nanoprobes. <i>Analytical Chemistry</i> , 2016, 88, 11852-11859.	6.5	29
31	Aptamer degradation inhibition combined with DNAzyme cascade-based signal amplification for colorimetric detection of proteins. <i>Chemical Communications</i> , 2013, 49, 6137.	4.1	28
32	An intramolecular charge transfer (ICT)-based dual emission fluorescent probe for the ratiometric detection of gold ions. <i>Analytical Methods</i> , 2013, 5, 3639.	2.7	28
33	A novel AgNP/DNA/TPdye conjugate-based two-photon nanoprobe for GSH imaging in cell apoptosis of cancer tissue. <i>Chemical Communications</i> , 2015, 51, 16810-16812.	4.1	28
34	Hypoxia-triggered gene therapy: a new drug delivery system to utilize photodynamic-induced hypoxia for synergistic cancer therapy. <i>Journal of Materials Chemistry B</i> , 2018, 6, 6424-6430.	5.8	27
35	A CaO ₂ @Tannic Acid-Fe ^{III} Nanoconjugate for Enhanced Chemodynamic Tumor Therapy. <i>ChemMedChem</i> , 2021, 16, 2278-2286.	3.2	27
36	A Sequence-Selective Electrochemical DNA Biosensor Based on HRP-Labeled Probe for Colorectal Cancer DNA Detection. <i>Analytical Letters</i> , 2008, 41, 24-35.	1.8	26

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37	rGO/AuNPs/tetraphenylporphyrin nanoconjugate-based electrochemical sensor for highly sensitive detection of cadmium ions. <i>Analytical Methods</i> , 2018, 10, 3631-3636.	2.7	26
38	Highly selective imaging of lysosomal azoreductase under hypoxia using pH-regulated and target-activated fluorescent nanoprobes. <i>Chemical Communications</i> , 2019, 55, 3235-3238.	4.1	26
39	Programmable DNA triple-helix molecular switch in biosensing applications: from in homogenous solutions to in living cells. <i>Chemical Communications</i> , 2017, 53, 2507-2510.	4.1	25
40	Alkyne-based surface-enhanced Raman scattering nanoprobe for ratiometric imaging analysis of caspase 3 in live cells and tissues. <i>Analytica Chimica Acta</i> , 2018, 1043, 115-122.	5.4	25
41	Development of spiropyran-based electrochemical sensor via simultaneous photochemical and target-activatable electron transfer. <i>Biosensors and Bioelectronics</i> , 2014, 62, 151-157.	10.1	23
42	Alkyne/Ruthenium(II) Complex-Based Ratiometric Surface-Enhanced Raman Scattering Nanoprobe for In Vitro and Ex Vivo Tracking of Carbon Monoxide. <i>Analytical Chemistry</i> , 2020, 92, 924-931.	6.5	23
43	Photoactivatable Red Chemiluminescent AIEgen Probe for <i>In Vitro</i> / <i>In Vivo</i> Imaging Assay of Hydrazine. <i>Analytical Chemistry</i> , 2021, 93, 10601-10610.	6.5	23
44	Remote-Controlled Release of DNA in Living Cells via Simultaneous Light and Host-Guest Mediations. <i>Analytical Chemistry</i> , 2014, 86, 10208-10214.	6.5	22
45	Upconversion Nanoprobes for in Vitro and ex Vivo Measurement of Carbon Monoxide. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 26684-26689.	8.0	22
46	Cyclodextrin supramolecular inclusion-enhanced pyrene excimer switching for time-resolved fluorescence detection of biothiols in serum. <i>Biosensors and Bioelectronics</i> , 2015, 68, 253-258.	10.1	21
47	Polycarbonate-based core-crosslinked redox-responsive nanoparticles for targeted delivery of anticancer drug. <i>Journal of Materials Chemistry B</i> , 2018, 6, 3348-3357.	5.8	20
48	Noninvasive and Highly Selective Monitoring of Intracellular Glucose via a Two-Step Recognition-Based Nanokit. <i>Analytical Chemistry</i> , 2017, 89, 8319-8327.	6.5	18
49	Synergistically enhanced multienzyme catalytic nanoconjugates for efficient cancer therapy. <i>Journal of Materials Chemistry B</i> , 2021, 9, 5877-5886.	5.8	18
50	Microemulsion-Confined Biomineralization of PEGylated Ultrasmall Fe ₃ O ₄ Nanocrystals for T2-T1 Switchable MRI of Tumors. <i>Analytical Chemistry</i> , 2021, 93, 14223-14230.	6.5	18
51	Hybridization-activated spherical DNAzyme for cascading two-photon fluorescence emission: Applied for intracellular miRNA measurement by two-photon microscopy. <i>Sensors and Actuators B: Chemical</i> , 2019, 286, 250-257.	7.8	17
52	Porous SiO ₂ -coated Au-Ag alloy nanoparticles for the alkyne-mediated ratiometric Raman imaging analysis of hydrogen peroxide in live cells. <i>Analytica Chimica Acta</i> , 2019, 1057, 1-10.	5.4	17
53	A novel surface-enhanced Raman scattering-based ratiometric approach for detection of hyaluronidase in urine. <i>Talanta</i> , 2020, 215, 120915.	5.5	17
54	Membraneless reproducible MoS ₂ field-effect transistor biosensor for high sensitive and selective detection of FGF21. <i>Science China Materials</i> , 2019, 62, 1479-1487.	6.3	16

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55	Simultaneous identification of point mutations via DNA ligase-mediated gold nanoparticle assembly. <i>Analyst</i> , The, 2008, 133, 939.	3.5	14
56	DNA template-synthesized silver nanoparticles: A new platform for high-performance fluorescent biosensing of biothiols. <i>Science China Chemistry</i> , 2011, 54, 1266-1272.	8.2	14
57	Visual Biopsy by Hydrogen Peroxide-Induced Signal Amplification. <i>Analytical Chemistry</i> , 2016, 88, 10728-10735.	6.5	14
58	A gold nanocarrier and DNA-metal ligation-based sensing ensemble for fluorescent assay of thiol-containing amino acids and peptides. <i>Chemical Communications</i> , 2013, 49, 7932.	4.1	13
59	Au-Ag alloy/porous-SiO ₂ core/shell nanoparticle-based surface-enhanced Raman scattering nanoprobe for ratiometric imaging analysis of nitric oxide in living cells. <i>Talanta</i> , 2019, 205, 120116.	5.5	13
60	Cyclodextrin supramolecular inclusion-enhanced pyrene excimer switching for highly selective detection of RNase H. <i>Analytica Chimica Acta</i> , 2019, 1088, 137-143.	5.4	13
61	PEGylated AIEgen molecular probe for hypoxia-mediated tumor imaging and photodynamic therapy. <i>Chemical Communications</i> , 2021, 57, 4710-4713.	4.1	13
62	A spherical nucleic acid-based two-photon nanoprobe for RNase H activity assay in living cells and tissues. <i>Nanoscale</i> , 2019, 11, 8133-8137.	5.6	12
63	Biomaterialization of Aggregation-Induced Emission-Active Photosensitizers for pH-Mediated Tumor Imaging and Photodynamic Therapy. <i>ACS Applied Bio Materials</i> , 2021, 4, 5566-5574.	4.6	12
64	Microemulsion-Confined Assembly of Magnetic Nanoclusters for pH/H ₂ O ₂ Dual-Responsive T ₂ *-Switchable MRI. <i>ACS Applied Materials & Interfaces</i> , 2022, 14, 2629-2637.	8.0	12
65	A plasma-polymerized film for capacitance immunosensing. <i>Biosensors and Bioelectronics</i> , 2004, 20, 841-847.	10.1	9
66	Peptide-fluorophore/AuNP conjugate-based two-photon excited fluorescent nanosensor for caspase-3 activity imaging assay in living cells and tissue. <i>MedChemComm</i> , 2017, 8, 1435-1439.	3.4	9
67	Single Molecule-Level Detection via Liposome-Based Signal Amplification Mass Spectrometry Counting Assay. <i>Analytical Chemistry</i> , 2022, 94, 6120-6129.	6.5	8
68	Microsphere-based suspension array for simultaneous recognition and quantification of multiple cancer-associated miRNA via DNAzyme-Mediated signal amplification. <i>Analytica Chimica Acta</i> , 2020, 1140, 69-77.	5.4	7
69	Self-Illuminated, Oxygen-Supplemented Photodynamic Therapy via a Multienzyme-Mimicking Nanoconjugate. <i>ACS Applied Bio Materials</i> , 2021, 4, 3490-3498.	4.6	7
70	Dithiocarbamate modification of activated carbon for the efficient removal of Pb(II), Cd(II), and Cu(II) from wastewater. <i>New Journal of Chemistry</i> , 2022, 46, 5234-5245.	2.8	7
71	Two-photon AgNP/DNA-TP dye nanosensing conjugate for biothiol probing in live cells. <i>Analyst</i> , The, 2014, 139, 6185-6191.	3.5	6
72	Two-photon excitation nanoprobe for DNases activity imaging assay in hepatic ischemia reperfusion injury. <i>Sensors and Actuators B: Chemical</i> , 2019, 298, 126853.	7.8	6

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73	Colorimetric detection of ATP with DNAzyme: design an activatable hairpin probe for reducing background signals and improving selectivity. <i>Analytical Methods</i> , 2014, 6, 3219-3222.	2.7	5
74	A novel DNAzyme-based paper sensor for the simple visual detection of RNase H activity. <i>Sensors and Actuators B: Chemical</i> , 2021, 331, 129400.	7.8	3
75	Design of multiplex logic gates: Combining regulation of DNA structure with logical calculation. <i>Science China Chemistry</i> , 2014, 57, 453-458.	8.2	2
76	A novel pyrene-switching aptasensor for the detection of bisphenol A. <i>Analytical Methods</i> , 2018, 10, 4750-4755.	2.7	2
77	A Novel DNAzyme Signal Amplification-based Colorimetric Method for RNase H Assays. <i>Analytical Sciences</i> , 2021, 37, 1675-1680.	1.6	2