Jishan Li

List of Publications by Year in descending order

77 papers	3,093 citations	196777 29 h-index	190340 53 g-index
77 all docs	77 docs citations	77 times ranked	4781 citing authors

#	Article	IF	Citations
1	Microemulsion-Confined Assembly of Magnetic Nanoclusters for pH/H₂O₂ Dual-Responsive T₂â€“T₁ Switchable MRI. ACS Applied Materials & Interfaces, 2022, 14, 2629-2637.	4.0	12
2	Dithiocarbamate modification of activated carbon for the efficient removal of Pb(<scp>ii</scp>), Cd(<scp>ii</scp>), and Cu(<scp>ii</scp>) from wastewater. New Journal of Chemistry, 2022, 46, 5234-5245.	1.4	7
3	Single Molecule-Level Detection via Liposome-Based Signal Amplification Mass Spectrometry Counting Assay. Analytical Chemistry, 2022, 94, 6120-6129.	3.2	8
4	PEGylated AIEgen molecular probe for hypoxia-mediated tumor imaging and photodynamic therapy. Chemical Communications, 2021, 57, 4710-4713.	2.2	13
5	Self-Illuminated, Oxygen-Supplemented Photodynamic Therapy via a Multienzyme-Mimicking Nanoconjugate. ACS Applied Bio Materials, 2021, 4, 3490-3498.	2.3	7
6	A novel DNAzyme-based paper sensor for the simple visual detection of RNase H activity. Sensors and Actuators B: Chemical, 2021, 331, 129400.	4.0	3
7	A CaO₂@Tannic Acidâ€Fe^{III} Nanoconjugate for Enhanced Chemodynamic Tumor Therapy. ChemMedChem, 2021, 16, 2278-2286.	1.6	27
8	Biomineralization of Aggregation-Induced Emission-Active Photosensitizers for pH-Mediated Tumor Imaging and Photodynamic Therapy. ACS Applied Bio Materials, 2021, 4, 5566-5574.	2.3	12
9	Photoactivatable Red Chemiluminescent AIEgen Probe for In Vitro/Vivo Imaging Assay of Hydrazine. Analytical Chemistry, 2021, 93, 10601-10610.	3.2	23
10	Synergistically enhanced multienzyme catalytic nanoconjugates for efficient cancer therapy. Journal of Materials Chemistry B, 2021, 9, 5877-5886.	2.9	18
11	Microemulsion-Confined Biomineralization of PEGylated Ultrasmall Fe₃O₄ Nanocrystals for T2-T1 Switchable MRI of Tumors. Analytical Chemistry, 2021, 93, 14223-14230.	3.2	18
12	A Novel DNAzyme Signal Amplification-based Colorimetric Method for RNase H Assays. Analytical Sciences, 2021, 37, 1675-1680.	0.8	2
13	Target MicroRNA-Responsive DNA Hydrogel-Based Surface-Enhanced Raman Scattering Sensor Arrays for MicroRNA-Marked Cancer Screening. Analytical Chemistry, 2020, 92, 2649-2655.	3.2	78
14	Two-Photon Excitation/Red Emission, Ratiometric Fluorescent Nanoprobe for Intracellular pH Imaging. Analytical Chemistry, 2020, 92, 583-587.	3.2	34
15	Alkyne/Ruthenium(II) Complex-Based Ratiometric Surface-Enhanced Raman Scattering Nanoprobe for In Vitro and Ex Vivo Tracking of Carbon Monoxide. Analytical Chemistry, 2020, 92, 924-931.	3.2	23
16	Microsphere-based suspension array for simultaneous recognition and quantification of multiple cancer-associated miRNA via DNAzyme-Mediated signal amplification. Analytica Chimica Acta, 2020, 1140, 69-77.	2.6	7
17	Catalytic Hairpin Self-Assembly-Based SERS Sensor Array for the Simultaneous Measurement of Multiple Cancer-Associated miRNAs. ACS Sensors, 2020, 5, 4009-4016.	4.0	57
18	A novel surface-enhanced Raman scattering-based ratiometric approach for detection of hyaluronidase in urine. Talanta, 2020, 215, 120915.	2.9	17

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19	Membraneless reproducible MoS2 field-effect transistor biosensor for high sensitive and selective detection of FGF21. Science China Materials, 2019, 62, 1479-1487.	3.5	16
20	Au-Ag alloy/porous-SiO2 core/shell nanoparticle-based surface-enhanced Raman scattering nanoprobe for ratiometric imaging analysis of nitric oxide in living cells. Talanta, 2019, 205, 120116.	2.9	13
21	Upconversion Nanoprobes for in Vitro and ex Vivo Measurement of Carbon Monoxide. ACS Applied Materials & Interfaces, 2019, 11, 26684-26689.	4.0	22
22	Two-photon excitation nanoprobe for DNases activity imaging assay in hepatic ischemia reperfusion injury. Sensors and Actuators B: Chemical, 2019, 298, 126853.	4.0	6
23	Cyclodextrin supramolecular inclusion-enhanced pyrene excimer switching for highly selective detection of RNase H. Analytica Chimica Acta, 2019, 1088, 137-143.	2.6	13
24	Hybridization-activated spherical DNAzyme for cascading two-photon fluorescence emission: Applied for intracellular miRNA measurement by two-photon microscopy. Sensors and Actuators B: Chemical, 2019, 286, 250-257.	4.0	17
25	Nanoconjugates of Ag/Au/Carbon Nanotube for Alkyne-Meditated Ratiometric SERS Imaging of Hypoxia in Hepatic Ischemia. Analytical Chemistry, 2019, 91, 4529-4536.	3.2	42
26	A spherical nucleic acid-based two-photon nanoprobe for RNase H activity assay in living cells and tissues. Nanoscale, 2019, 11, 8133-8137.	2.8	12
27	Oligonucleotide Cross-Linked Hydrogel for Recognition and Quantitation of MicroRNAs Based on a Portable Glucometer Readout. ACS Applied Materials & Interfaces, 2019, 11, 7792-7799.	4.0	50
28	Highly selective imaging of lysosomal azoreductase under hypoxia using pH-regulated and target-activated fluorescent nanoprobes. Chemical Communications, 2019, 55, 3235-3238.	2.2	26
29	Azoreductase-Responsive Nanoprobe for Hypoxia-Induced Mitophagy Imaging. Analytical Chemistry, 2019, 91, 1360-1367.	3.2	59
30	Porous SiO2-coated Au-Ag alloy nanoparticles for the alkyne-mediated ratiometric Raman imaging analysis of hydrogen peroxide in live cells. Analytica Chimica Acta, 2019, 1057, 1-10.	2.6	17
31	Alkyneâ€“DNA-Functionalized Alloyed Au/Ag Nanospheres for Ratiometric Surface-Enhanced Raman Scattering Imaging Assay of Endonuclease Activity in Live Cells. Analytical Chemistry, 2018, 90, 3898-3905.	3.2	65
32	Polycarbonate-based core-crosslinked redox-responsive nanoparticles for targeted delivery of anticancer drug. Journal of Materials Chemistry B, 2018, 6, 3348-3357.	2.9	20
33	Azoreductase and Target Simultaneously Activated Fluorescent Monitoring for Cytochrome c Release under Hypoxia. Analytical Chemistry, 2018, 90, 5865-5872.	3.2	37
34	Quantitative detection of exosomal microRNA extracted from human blood based on surface-enhanced Raman scattering. Biosensors and Bioelectronics, 2018, 101, 167-173.	5.3	141
35	Molecular Engineering of Î±-Substituted Acrylate Ester Template for Efficient Fluorescence Probe of Hydrogen Polysulfides. Analytical Chemistry, 2018, 90, 881-887.	3.2	43
36	Alkyne-based surface-enhanced Raman scattering nanoprobe for ratiometric imaging analysis of caspase 3 in live cells and tissues. Analytica Chimica Acta, 2018, 1043, 115-122.	2.6	25

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37	A novel pyrene-switching aptasensor for the detection of bisphenol A. Analytical Methods, 2018, 10, 4750-4755.	1.3	2
38	Hypoxia-triggered gene therapy: a new drug delivery system to utilize photodynamic-induced hypoxia for synergistic cancer therapy. Journal of Materials Chemistry B, 2018, 6, 6424-6430.	2.9	27
39	rGO/AuNPs/tetraphenylporphyrin nanoconjugate-based electrochemical sensor for highly sensitive detection of cadmium ions. Analytical Methods, 2018, 10, 3631-3636.	1.3	26
40	Programmable DNA triple-helix molecular switch in biosensing applications: from in homogenous solutions to in living cells. Chemical Communications, 2017, 53, 2507-2510.	2.2	25
41	Peptide-fluorophore/AuNP conjugate-based two-photon excited fluorescent nanosensor for caspase-3 activity imaging assay in living cells and tissue. MedChemComm, 2017, 8, 1435-1439.	3.5	9
42	Ratiometric Visualization of NO/H₂S Cross-Talk in Living Cells and Tissues Using a Nitroxyl-Responsive Two-Photon Fluorescence Probe. Analytical Chemistry, 2017, 89, 4587-4594.	3.2	92
43	Upconversion Nanoprobes for the Ratiometric Luminescent Sensing of Nitric Oxide. Journal of the American Chemical Society, 2017, 139, 12354-12357.	6.6	147
44	Noninvasive and Highly Selective Monitoring of Intracellular Glucose via a Two-Step Recognition-Based Nanokit. Analytical Chemistry, 2017, 89, 8319-8327.	3.2	18
45	Target-Activated Modulation of Dual-Color and Two-Photon Fluorescence of Graphene Quantum Dots for in Vivo Imaging of Hydrogen Peroxide. Analytical Chemistry, 2016, 88, 4833-4840.	3.2	77
46	Visual Biopsy by Hydrogen Peroxide-Induced Signal Amplification. Analytical Chemistry, 2016, 88, 10728-10735.	3.2	14
47	Direct Fluorescent Detection of Blood Potassium by Ion-Selective Formation of Intermolecular G-Quadruplex and Ligand Binding. Analytical Chemistry, 2016, 88, 9285-9292.	3.2	63
48	Quantitative Monitoring of Hypoxia-Induced Intracellular Acidification in Lung Tumor Cells and Tissues Using Activatable Surface-Enhanced Raman Scattering Nanoprobes. Analytical Chemistry, 2016, 88, 11852-11859.	3.2	29
49	A novel SERS nanoprobe for the ratiometric imaging of hydrogen peroxide in living cells. Chemical Communications, 2016, 52, 8553-8556.	2.2	85
50	Cyclodextrin supramolecular inclusion-enhanced pyrene excimer switching for time-resolved fluorescence detection of biothiols in serum. Biosensors and Bioelectronics, 2015, 68, 253-258.	5.3	21
51	DNA-templated in situ growth of AgNPs on SWNTs: a new approach for highly sensitive SERS assay of microRNA. Chemical Communications, 2015, 51, 6552-6555.	2.2	44
52	Targeted Intracellular Controlled Drug Delivery and Tumor Therapy through in Situ Forming Ag Nanogates on Mesoporous Silica Nanocontainers. ACS Applied Materials & Interfaces, 2015, 7, 11930-11938.	4.0	44
53	A novel AgNP/DNA/TPdye conjugate-based two-photon nanoprobe for GSH imaging in cell apoptosis of cancer tissue. Chemical Communications, 2015, 51, 16810-16812.	2.2	28
54	Two-photon AgNP/DNA-TP dye nanosensing conjugate for biothiol probing in live cells. Analyst, The, 2014, 139, 6185-6191.	1.7	6

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55	Remote-Controlled Release of DNA in Living Cells via Simultaneous Light and Hostâ€“Guest Mediations. Analytical Chemistry, 2014, 86, 10208-10214.	3.2	22
56	Design of multiplex logic gates: Combining regulation of DNA structure with logical calculation. Science China Chemistry, 2014, 57, 453-458.	4.2	2
57	Colorimetric detection of ATP with DNAzyme: design an activatable hairpin probe for reducing background signals and improving selectivity. Analytical Methods, 2014, 6, 3219-3222.	1.3	5
58	Poly Î²-cyclodextrin inclusion-induced formation of two-photon fluorescent nanomicelles for biomedical imaging. Chemical Communications, 2014, 50, 8398-8401.	2.2	35
59	Poly Î²-Cyclodextrin/TPdye Nanomicelle-based Two-Photon Nanoprobe for Caspase-3 Activation Imaging in Live Cells and Tissues. Analytical Chemistry, 2014, 86, 11440-11450.	3.2	48
60	Development of spiropyran-based electrochemical sensor via simultaneous photochemical and target-activatable electron transfer. Biosensors and Bioelectronics, 2014, 62, 151-157.	5.3	23
61	Fabrication of Versatile Cyclodextrin-Functionalized Upconversion Luminescence Nanoplatform for Biomedical Imaging. Analytical Chemistry, 2014, 86, 6508-6515.	3.2	51
62	Design of a Simultaneous Target and Location-Activatable Fluorescent Probe for Visualizing Hydrogen Sulfide in Lysosomes. Analytical Chemistry, 2014, 86, 7508-7515.	3.2	134
63	Two-Photon Graphene Oxide/Aptamer Nanosensing Conjugate for In Vitro or In Vivo Molecular Probing. Analytical Chemistry, 2014, 86, 3548-3554.	3.2	101
64	Exploiting the Higher Specificity of Silver Amalgamation: Selective Detection of Mercury(II) by Forming Ag/Hg Amalgam. Analytical Chemistry, 2013, 85, 8594-8600.	3.2	146
65	A gold nanocarrier and DNAâ€“metal ligation-based sensing ensemble for fluorescent assay of thiol-containing amino acids and peptides. Chemical Communications, 2013, 49, 7932.	2.2	13
66	Aptamer degradation inhibition combined with DNAzyme cascade-based signal amplification for colorimetric detection of proteins. Chemical Communications, 2013, 49, 6137.	2.2	28
67	An intramolecular charge transfer (ICT)-based dual emission fluorescent probe for the ratiometric detection of gold ions. Analytical Methods, 2013, 5, 3639.	1.3	28
68	Design of Aptamer-Based Sensing Platform Using Triple-Helix Molecular Switch. Analytical Chemistry, 2011, 83, 6586-6592.	3.2	161
69	Simultaneous Intracellular Î²-<scp>d</scp>-Glucosidase and Phosphodiesterase I Activities Measurements Based on A Triple-Signaling Fluorescent Probe. Analytical Chemistry, 2011, 83, 1268-1274.	3.2	64
70	Design of a Room-Temperature Phosphorescence-Based Molecular Beacon for Highly Sensitive Detection of Nucleic Acids in Biological Fluids. Analytical Chemistry, 2011, 83, 1356-1362.	3.2	51
71	DNA template-synthesized silver nanoparticles: A new platform for high-performance fluorescent biosensing of biothiols. Science China Chemistry, 2011, 54, 1266-1272.	4.2	14
72	Combination of DNA Ligase Reaction and Gold Nanoparticle-Quenched Fluorescent Oligonucleotides: A Simple and Efficient Approach for Fluorescent Assaying of Single-Nucleotide Polymorphisms. Analytical Chemistry, 2010, 82, 7684-7690.	3.2	67

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73	Rolling Circle Amplification Combined with Gold Nanoparticle Aggregates for Highly Sensitive Identification of Single-Nucleotide Polymorphisms. Analytical Chemistry, 2010, 82, 2811-2816.	3.2	189
74	Simultaneous identification of point mutations via DNA ligase-mediated gold nanoparticle assembly. Analyst, The, 2008, 133, 939.	1.7	14
75	A Sequenceâ€Selective Electrochemical DNA Biosensor Based on HRPâ€Labeled Probe for Colorectal Cancer DNA Detection. Analytical Letters, 2008, 41, 24-35.	1.0	26
76	A colorimetric method for point mutation detection using high-fidelity DNA ligase. Nucleic Acids Research, 2005, 33, e168-e168.	6.5	115
77	A plasma-polymerized film for capacitance immunosensing. Biosensors and Bioelectronics, 2004, 20, 841-847.	5.3	9