

Hailong Li

List of Publications by Year in descending order

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46
papers

2,707
citations

185998

28
h-index

233125

45
g-index

46
all docs

46
docs citations

46
times ranked

3234
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable Aqueous Dispersion of Graphene Nanosheets: Noncovalent Functionalization by a Polymeric Reducing Agent and Their Subsequent Decoration with Ag Nanoparticles for Enzymeless Hydrogen Peroxide Detection. <i>Macromolecules</i> , 2010, 43, 10078-10083.	2.2	370
2	Nucleic acid detection using carbon nanoparticles as a fluorescent sensing platform. <i>Chemical Communications</i> , 2011, 47, 961-963.	2.2	284
3	Carbon nanoparticle for highly sensitive and selective fluorescent detection of mercury(II) ion in aqueous solution. <i>Biosensors and Bioelectronics</i> , 2011, 26, 4656-4660.	5.3	156
4	Sensitive and Selective Detection of Silver(I) Ion in Aqueous Solution Using Carbon Nanoparticles as a Cheap, Effective Fluorescent Sensing Platform. <i>Langmuir</i> , 2011, 27, 4305-4308.	1.6	144
5	Monodisperse, Micrometer-Scale, Highly Crystalline, Nanotextured Ag Dendrites: Rapid, Large-Scale, Wet-Chemical Synthesis and Their Application as SERS Substrates. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 2987-2991.	4.0	106
6	Conjugation polymer nanobelts: a novel fluorescent sensing platform for nucleic acid detection. <i>Nucleic Acids Research</i> , 2011, 39, e37-e37.	6.5	103
7	Ag@Poly(m-phenylenediamine) Core-Shell Nanoparticles for Highly Selective, Multiplex Nucleic Acid Detection. <i>Langmuir</i> , 2011, 27, 2170-2175.	1.6	101
8	Nano-60: A Novel, Effective, Fluorescent Sensing Platform for Biomolecular Detection. <i>Small</i> , 2011, 7, 1562-1568.	5.2	91
9	Preparation of Ag nanoparticle-decorated poly(m-phenylenediamine) microparticles and their application for hydrogen peroxide detection. <i>Analyst</i> , 2011, 136, 1806.	1.7	86
10	Multi-walled carbon nanotubes as an effective fluorescent sensing platform for nucleic acid detection. <i>Journal of Materials Chemistry</i> , 2011, 21, 824-828.	6.7	83
11	Polyaniline nanofibres for fluorescent nucleic acid detection. <i>Nanoscale</i> , 2011, 3, 967.	2.8	77
12	Total Syntheses of Aflavazole and 14-Hydroxyaflavinine. <i>Journal of the American Chemical Society</i> , 2016, 138, 15555-15558.	6.6	69
13	G-quadruplex-based ultrasensitive and selective detection of histidine and cysteine. <i>Biosensors and Bioelectronics</i> , 2013, 41, 563-568.	5.3	63
14	Fluorescence-enhanced nucleic acid detection: using coordination polymer colloids as a sensing platform. <i>Chemical Communications</i> , 2011, 47, 2625.	2.2	56
15	A novel single-labeled fluorescent oligonucleotide probe for silver ion detection based on the inherent quenching ability of deoxyguanosines. <i>Analyst</i> , 2011, 136, 891-893.	1.7	53
16	Poly(m-phenylenediamine) Colloid-Quenched Fluorescent Oligonucleotide as a Probe for Fluorescence-Enhanced Nucleic Acid Detection. <i>Langmuir</i> , 2011, 27, 874-877.	1.6	53
17	A new application of mesoporous carbon microparticles to nucleic acid detection. <i>Journal of Materials Chemistry</i> , 2011, 21, 339-341.	6.7	53
18	Implementation of half adder and half subtractor with a simple and universal DNA-based platform. <i>NPG Asia Materials</i> , 2013, 5, e76-e76.	3.8	53

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19	A Resettable and Reprogrammable DNA-Based Security System To Identify Multiple Users with Hierarchy. <i>ACS Nano</i> , 2014, 8, 2796-2803.	7.3	53
20	Ag@poly(m-phenylenediamine)-Ag core-shell nanoparticles: one-step preparation, characterization, and their application for H ₂ O ₂ detection. <i>Catalysis Science and Technology</i> , 2011, 1, 1393.	2.1	51
21	Nano-C ₆₀ as a novel, effective fluorescent sensing platform for mercury(II) ion detection at critical sensitivity and selectivity. <i>Nanoscale</i> , 2011, 3, 2155.	2.8	50
22	Carbon nanospheres for fluorescent biomolecular detection. <i>Journal of Materials Chemistry</i> , 2011, 21, 4663.	6.7	50
23	Total Synthesis of Epoxyeujindole A. <i>Journal of the American Chemical Society</i> , 2015, 137, 13764-13767.	6.6	50
24	Application of DNA machine in amplified DNA detection. <i>Chemical Communications</i> , 2014, 50, 704-706.	2.2	48
25	DNA-based advanced logic circuits for nonarithmetic information processing. <i>NPG Asia Materials</i> , 2015, 7, e166-e166.	3.8	33
26	Poly(m-Phenylenediamine) Nanospheres and Nanorods: Selective Synthesis and Their Application for Multiplex Nucleic Acid Detection. <i>PLoS ONE</i> , 2011, 6, e20569.	1.1	32
27	Implementation of Arithmetic Functions on a Simple and Universal Molecular Beacon Platform. <i>Advanced Science</i> , 2015, 2, 1500054.	5.6	32
28	Production of Reduced Graphene Oxide by UV Irradiation. <i>Journal of Nanoscience and Nanotechnology</i> , 2011, 11, 10078-10081.	0.9	31
29	Highly sensitive and selective detection of silver(I) ion using nano-C ₆₀ as an effective fluorescent sensing platform. <i>Analyst</i> , 2011, 136, 2040.	1.7	28
30	Coordination Polymer Nanobelts as an Effective Sensing Platform for Fluorescence-enhanced Nucleic Acid Detection. <i>Macromolecular Rapid Communications</i> , 2011, 32, 899-904.	2.0	28
31	Electrochemical current rectifier as a highly sensitive and selective cytosensor for cancer cell detection. <i>Chemical Communications</i> , 2012, 48, 2594.	2.2	26
32	A novel application of porphyrin nanoparticles as an effective fluorescent assay platform for nucleic acid detection. <i>RSC Advances</i> , 2011, 1, 36.	1.7	24
33	Large-scale synthesis of coordination polymer microdendrites and their application as a sensing platform for fluorescent DNA detection. <i>RSC Advances</i> , 2011, 1, 725.	1.7	22
34	A Novel Single-Labeled Fluorescent Oligonucleotide Probe for Mercury(II) Ion Detection: Using the Inherent Quenching of Deoxyguanosines. <i>Journal of Fluorescence</i> , 2011, 21, 1049-1052.	1.3	22
35	A simple and rapid electrochemical strategy for non-invasive, sensitive and specific detection of cancerous cell. <i>Talanta</i> , 2013, 104, 122-127.	2.9	21
36	Fluorescence resonance energy transfer dye-labeled probe for fluorescence-enhanced DNA detection: An effective strategy to greatly improve discrimination ability toward single-base mismatch. <i>Biosensors and Bioelectronics</i> , 2011, 27, 167-171.	5.3	18

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37	Electrostatic-Assembly-Driven Formation of Supramolecular Rhombus Microparticles and Their Application for Fluorescent Nucleic Acid Detection. PLoS ONE, 2011, 6, e18958.	1.1	18
38	Poly(2,3-diaminonaphthalene) microspheres as a novel quencher for fluorescence-enhanced nucleic acid detection. Analyst, The, 2011, 136, 2221.	1.7	15
39	Tetracyanoquinodimethane nanoparticles as an effective sensing platform for fluorescent nucleic acid detection. Analytical Methods, 2011, 3, 1051.	1.3	14
40	Fluorescence-Enhanced Potassium Ions Detection Based on Inherent Quenching Ability of Deoxyguanosines and K ⁺ -Induced Conformational Transition of G-Rich ssDNA from Duplex to G-Quadruplex Structures. Journal of Fluorescence, 2011, 21, 1841-1846.	1.3	14
41	Quantitative Detection of Digoxin in Plasma Using Small-Molecule Immunoassay in a Recyclable Gravity-Driven Microfluidic Chip. Advanced Science, 2019, 6, 1802051.	5.6	11
42	Detection of single-stranded nucleic acids by hybridization of probe oligonucleotides on polystyrene nanospheres and subsequent release and recovery of fluorescence. RSC Advances, 2011, 1, 1318.	1.7	7
43	Organic solvent-induced controllable crystallization of the inorganic salt Na ₃ [Au(SO ₃) ₂] into ultralong nanobelts and hierarchical microstructures of nanowires. Nanoscale, 2011, 3, 1553.	2.8	3
44	A Novel Single Fluorophore-Labeled Double-Stranded Oligonucleotide Probe for Fluorescence-Enhanced Nucleic Acid Detection Based on the Inherent Quenching Ability of Deoxyguanosine Bases and Competitive Strand-Displacement Reaction. Journal of Fluorescence, 2012, 22, 43-46.	1.3	3
45	Application of 3,4,9,10-perylenetetracarboxylic diimide microfibers as a fluorescent sensing platform for biomolecular detection. Analytica Chimica Acta, 2011, 702, 109-113.	2.6	2
46	Macromol. Rapid Commun. 12/2011. Macromolecular Rapid Communications, 2011, 32, .	2.0	0