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	Quantitative Detection of Digoxin in Plasma Using Smallâ€Molecule Immunoassay in a Recyclable Gravityâ€Driven Microfluidic Chip. Advanced Science, 2019, 6, 1802051.	5.6	11
2	Total Syntheses of Aflavazole and 14-Hydroxyaflavinine. Journal of the American Chemical Society, 2016, 138, 15555-15558.	6.6	69
3	Implementation of Arithmetic Functions on a Simple and Universal Molecular Beacon Platform. Advanced Science, 2015, 2, 1500054.	5.6	32
4	DNA-based advanced logic circuits for nonarithmetic information processing. NPG Asia Materials, 2015, 7, e166-e166.	3.8	33
5	Total Synthesis of Epoxyeujindole A. Journal of the American Chemical Society, 2015, 137, 13764-13767.	6.6	50
6	A Resettable and Reprogrammable DNA-Based Security System To Identify Multiple Users with Hierarchy. ACS Nano, 2014, 8, 2796-2803.	7.3	53
7	Application of DNA machine in amplified DNA detection. Chemical Communications, 2014, 50, 704-706.	2.2	48
8	A simple and rapid electrochemical strategy for non-invasive, sensitive and specific detection of cancerous cell. Talanta, 2013, 104, 122-127.	2.9	21
9	G-quadruplex-based ultrasensitive and selective detection of histidine and cysteine. Biosensors and Bioelectronics, 2013, 41, 563-568.	5.3	63
10	Implementation of half adder and half subtractor with a simple and universal DNA-based platform. NPG Asia Materials, 2013, 5, e76-e76.	3.8	53
11	Electrochemical current rectifier as a highly sensitive and selective cytosensor for cancer cell detection. Chemical Communications, 2012, 48, 2594.	2.2	26
12	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
13	Nano-C60 as a novel, effective fluorescent sensing platform for mercury(ii) ion detection at critical sensitivity and selectivity. Nanoscale, 2011, 3, 2155.	2.8	50
14	A novel single-labeled fluorescent oligonucleotide probe for silver(<scp>i</scp>) ion detection based on the inherent quenching ability of deoxyguanosines. Analyst, The, 2011, 136, 891-893.	1.7	53
15	Large-scale synthesis of coordination polymer microdendrites and their application as a sensing platform for fluorescent DNA detection. RSC Advances, 2011, 1, 725.	1.7	22
16	Highly sensitive and selective detection of silver(i) ion using nano-C60 as an effective fluorescent sensing platform. Analyst, The, 2011, 136, 2040.	1.7	28
17	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
18	Multi-walled carbon nanotubes as an effective fluorescent sensing platform for nucleic acid detection. Journal of Materials Chemistry, 2011, 21, 824-828.	6.7	83

#	Article	IF	Citations
19	Poly(2,3-diaminonaphthalene) microspheres as a novel quencher for fluorescence-enhanced nucleic acid detection. Analyst, The, 2011, 136, 2221.	1.7	15
20	Fluorescence-enhanced nucleic acid detection: using coordination polymer colloids as a sensing platform. Chemical Communications, 2011, 47, 2625.	2.2	56
21	Organic solvent-induced controllable crystallization of the inorganic salt Na3[Au(SO3)2] into ultralong nanobelts and hierarchical microstructures of nanowires. Nanoscale, 2011, 3, 1553.	2.8	3
22	Nucleic acid detection using carbon nanoparticles as a fluorescent sensing platform. Chemical Communications, 2011, 47, 961-963.	2.2	284
23	Sensitive and Selective Detection of Silver(I) Ion in Aqueous Solution Using Carbon Nanoparticles as a Cheap, Effective Fluorescent Sensing Platform. Langmuir, 2011, 27, 4305-4308.	1.6	144
24	Carbon nanospheres for fluorescent biomolecular detection. Journal of Materials Chemistry, 2011, 21, 4663.	6.7	50
25	Preparation of Ag nanoparticle-decorated poly(m-phenylenediamine) microparticles and their application for hydrogen peroxide detection. Analyst, The, 2011, 136, 1806.	1.7	86
26	Ag@poly(m-phenylenediamine)-Ag coreâ€“shell nanoparticles: one-step preparation, characterization, and their application for H2O2 detection. Catalysis Science and Technology, 2011, 1, 1393.	2.1	51
27	Polyaniline nanofibres for fluorescent nucleic acid detection. Nanoscale, 2011, 3, 967.	2.8	77
28	Tetracyanoquinodimethane nanoparticles as an effective sensing platform for fluorescent nucleic acid detection. Analytical Methods, 2011, 3, 1051.	1.3	14
29	Poly(o-phenylenediamine) Colloid-Quenched Fluorescent Oligonucleotide as a Probe for Fluorescence-Enhanced Nucleic Acid Detection. Langmuir, 2011, 27, 874-877.	1.6	53
30	A novel application of porphyrin nanoparticles as an effective fluorescent assay platform for nucleic acid detection. RSC Advances, 2011, 1, 36.	1.7	24
31	A new application of mesoporous carbon microparticles to nucleic acid detection. Journal of Materials Chemistry, 2011, 21, 339-341.	6.7	53
32	Conjugation polymer nanobelts: a novel fluorescent sensing platform for nucleic acid detection â€. Nucleic Acids Research, 2011, 39, e37-e37.	6.5	103
33	Ag@Poly(m-phenylenediamine) Coreâ"Shell Nanoparticles for Highly Selective, Multiplex Nucleic Acid Detection. Langmuir, 2011, 27, 2170-2175.	1.6	101
34	Carbon nanoparticle for highly sensitive and selective fluorescent detection of mercury(II) ion in aqueous solution. Biosensors and Bioelectronics, 2011, 26, 4656-4660.	5.3	156
35	Fluorescence resonance energy transfer dye-labeled probe for fluorescence-enhanced DNA detection: An effective strategy to greatly improve discrimination ability toward single-base mismatch. Biosensors and Bioelectronics, 2011, 27, 167-171.	5.3	18
36	A Novel Single-Labeled Fluorescent Oligonucleotide Probe for Mercury(II) Ion Detection: Using the Inherent Quenching of Deoxyguanosines. Journal of Fluorescence, 2011, 21, 1049-1052.	1.3	22

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37	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
38	Nanoâ€C₆₀: A Novel, Effective, Fluorescent Sensing Platform for Biomolecular Detection. Small, 2011, 7, 1562-1568.	5.2	91
39	Coordination Polymer Nanobelts as an Effective Sensing Platform for Fluorescenceâ€enhanced Nucleic Acid Detection. Macromolecular Rapid Communications, 2011, 32, 899-904.	2.0	28
40	Macromol. Rapid Commun. 12/2011. Macromolecular Rapid Communications, 2011, 32, .	2.0	0
41	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
42	Production of Reduced Graphene Oxide by UV Irradiation. Journal of Nanoscience and Nanotechnology, 2011, 11, 10078-10081.	0.9	31
43	Poly(m-Phenylenediamine) Nanospheres and Nanorods: Selective Synthesis and Their Application for Multiplex Nucleic Acid Detection. PLoS ONE, 2011, 6, e20569.	1.1	32
44	Electrostatic-Assembly-Driven Formation of Supramolecular Rhombus Microparticles and Their Application for Fluorescent Nucleic Acid Detection. PLoS ONE, 2011, 6, e18958.	1.1	18
45	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. Macromolecules, 2010, 43, 10078-10083.	2.2	370
46	Monodisperse, Micrometer-Scale, Highly Crystalline, Nanotextured Ag Dendrites: Rapid, Large-Scale, Wet-Chemical Synthesis and Their Application as SERS Substrates. ACS Applied Materials & Interfaces, 2010, 2, 2987-2991.	4.0	106