

Haibing Li

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/5446345/publications.pdf>

Version: 2024-02-01

177
papers

7,208
citations

41344

49
h-index

74163

75
g-index

179
all docs

179
docs citations

179
times ranked

6557
citing authors

#	ARTICLE	IF	CITATIONS
1	Engineering and Application of Pillar[6]arene Functionalized Chiral Surface in Selective Adsorption of <i>R</i> -Adrenaline. Chinese Journal of Chemistry, 2022, 40, 925-930.	4.9	5
2	Fabrication of molecularly imprinted nanochannel membrane for ultrasensitive electrochemical detection of triphenyl phosphate. Analytica Chimica Acta, 2022, 1192, 339374.	5.4	5
3	Highly enantioselective recognition of <i>S</i> -ibuprofen by a host-guest induced chiral nanochannel. Analyst, The, 2022, 147, 1803-1807.	3.5	5
4	Controlled release of drug molecules by pillararene-modified nanosystems. Chemical Communications, 2022, 58, 3255-3269.	4.1	23
5	Highly Chiral Selective Resolution in Pillar[6]arenes Functionalized Microchannel Membranes. Analytical Chemistry, 2022, 94, 6065-6070.	6.5	9
6	Guest-Induced Planar-Chiral Pillar[5]arene Surface for Selectively Adsorbing Protein Based on Host-Guest Chemistry. Bioconjugate Chemistry, 2022, 33, 2237-2244.	3.6	3
7	Fast detection of isocarbophos using bis-propargylcalix[4]arene-stabilized silver nanoparticles. Analytical Sciences, 2022, 38, 861-867.	1.6	1
8	Chiral Covalent Organic Framework Packed Nanochannel Membrane for Enantioseparation. Angewandte Chemie, 2022, 134, .	2.0	5
9	Ultraviolet/Visible Light Regulated Protein Transport Gate Constructed by Pillar[6]arene-based Host-Guest System. Chemistry - an Asian Journal, 2022, 17, .	3.3	2
10	Chiral Covalent Organic Framework Packed Nanochannel Membrane for Enantioseparation. Angewandte Chemie - International Edition, 2022, 61, .	13.8	37
11	Fabrication of Redox-Controllable Bioinspired Nanochannels for Precisely Regulating Protein Transport. ACS Applied Materials & Interfaces, 2022, 14, 27421-27426.	8.0	0
12	Selective sensing and transport in bionic nanochannel based on macrocyclic host-guest chemistry. Chinese Chemical Letters, 2021, 32, 642-648.	9.0	46
13	A Visible-Light-Regulated Chloride Transport Channel Inspired by Rhodopsin. Angewandte Chemie - International Edition, 2021, 60, 2892-2897.	13.8	28
14	Glutathione transmembrane transmission gated by light-switches. Journal of Photochemistry and Photobiology A: Chemistry, 2021, 405, 112954.	3.9	4
15	Pillar[5]arene-functionalized nanochannel platform for detecting chiral drugs. Chinese Chemical Letters, 2021, 32, 179-183.	9.0	21
16	A Visible-Light-Regulated Chloride Transport Channel Inspired by Rhodopsin. Angewandte Chemie, 2021, 133, 2928-2933.	2.0	2
17	Selective transmembrane transport of Al^{2+} protein regulated by tryptophan enantiomers. Chemical Communications, 2021, 57, 215-218.	4.1	4
18	A layer-by-layer assembled <i>D</i> -arginine-calix[4]arene-Si-surface for macroscopic enantio-selective discrimination of <i>R</i> / <i>S</i> -ibuprofen. Chemical Communications, 2021, 57, 5706-5709.	4.1	3

#	ARTICLE	IF	CITATIONS
19	Enhanced aging and thermal shock performance of Mn _{1.95} Co _{0.21} Ni _{0.84} Sr _x O ₄ NTC ceramics. <i>Journal of Advanced Ceramics</i> , 2021, 10, 258-270.	17.4	39
20	Highly Efficient Ionic Gating of Solid-State Nanosensors by the Reversible Interaction between Pillar[6]arene-AuNPs and Azobenzene. <i>Analytical Chemistry</i> , 2021, 93, 3280-3286.	6.5	20
21	Nanopore-Based Electrodes for Quinotriene Detection: Host-Guest-Induced Electrochemical Signal Switching. <i>Analytical Chemistry</i> , 2021, 93, 5430-5436.	6.5	7
22	Fabrication of subnanochannels by metal-organic frameworks. <i>Matter</i> , 2021, 4, 772-774.	10.0	11
23	A Funnel-Shaped Chloride Nanochannel Inspired By ClC Protein. <i>Nano Letters</i> , 2021, 21, 4086-4091.	9.1	24
24	Fast response and high stability Mn-Co-Ni-Al-O NTC microbeads thermistors. <i>Journal of the American Ceramic Society</i> , 2021, 104, 3811-3817.	3.8	18
25	Efficient Chiral Nanosensor Based on Tip-Modified Nanochannels. <i>Analytical Chemistry</i> , 2021, 93, 6145-6150.	6.5	14
26	Tailoring CO ₂ -Activated Ion Nanochannels Using Macrocyclic Pillararenes. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27255-27261.	8.0	14
27	Chiral Nanochannels of Ordered Mesoporous Silica Constructed by a Pillar[5]arene-Based Host-Guest System. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 27305-27312.	8.0	20
28	Enantioselective Antiport in Asymmetric Nanochannels. <i>ACS Nano</i> , 2021, 15, 13148-13154.	14.6	24
29	Capturing Methomyl Droplet by Calix[4]arene Modified Surface. <i>ChemistrySelect</i> , 2021, 6, 7247-7251.	1.5	0
30	Promoting the Spreading of Droplets on a Superhydrophobic Surface by Supramolecular Amphiphilic Complex-Based Host-Guest Chemistry. <i>Journal of Agricultural and Food Chemistry</i> , 2021, 69, 9545-9550.	5.2	9
31	Host-Guest Chemistry Triggered Differential HeLa Cell Behavior Based on Pillar[5]arene-Modified Graphene Oxide Surfaces. <i>ACS Applied Bio Materials</i> , 2021, 4, 6954-6961.	4.6	0
32	Construction of A High-Flux Protein Transport Channel Inspired by the Nuclear Pore Complex. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 24443-24449.	13.8	12
33	Construction of A High-Flux Protein Transport Channel Inspired by the Nuclear Pore Complex. <i>Angewandte Chemie</i> , 2021, 133, 24648.	2.0	0
34	Synthesis of a facile fluorescent 8-hydroxyquinoline-pillar[5]arene chemosensor based host-guest chemistry for phoxim. <i>Dyes and Pigments</i> , 2021, 194, 109646.	3.7	10
35	Recent advances in chiral discrimination on host-guest functionalized interfaces. <i>Chemical Communications</i> , 2021, 57, 7480-7492.	4.1	25
36	Engineering the Redox-Driven Channel for Precisely Regulating Nanoconfined Glutathione Identification and Transport. <i>ACS Applied Materials & Interfaces</i> , 2021, 13, 49137-49145.	8.0	8

#	ARTICLE	IF	CITATIONS
37	Pillararene-Based Nanochannels for Para-Xylene Separation from Xylene Isomers. <i>ChemistrySelect</i> , 2021, 6, 13969-13974.	1.5	2
38	The light-driven macroscopic directional motion of a water droplet on an azobenzene-calix[4]arene modified surface. <i>Chemical Communications</i> , 2020, 56, 10922-10925.	4.1	18
39	Biomimetic nanochannels platform for detecting N-acetylglucosamine analogues. <i>Sensors and Actuators B: Chemical</i> , 2020, 323, 128705.	7.8	22
40	Molecularly imprinted polymers immobilized on graphene oxide film for monolithic fiber solid phase microextraction and ultrasensitive determination of triphenyl phosphate. <i>Analytica Chimica Acta</i> , 2020, 1133, 1-10.	5.4	28
41	Spreading of benquitrone droplets on superhydrophobic leaves through pillar[5]arene-based host-guest chemistry. <i>Chemical Communications</i> , 2020, 56, 7593-7596.	4.1	12
42	Tailoring two-dimensional surfaces with pillararenes based host-guest chemistry. <i>Chinese Chemical Letters</i> , 2020, 31, 3095-3101.	9.0	10
43	Pillar[5]arene Promoted Selective Spreading of Chlormequat Droplets on a Hydrophobic Surface. <i>Langmuir</i> , 2020, 36, 1950-1955.	3.5	3
44	Chiral Selective Adhesion of Protein Droplets on Calix[4]arene-Enantiomer-Modified Surfaces. <i>ACS Applied Bio Materials</i> , 2020, 3, 1226-1232.	4.6	8
45	Phenethylamine@Pillar[5]arene Biointerface for Highly Enantioselective Adsorption of Protein. <i>Chemistry - an Asian Journal</i> , 2020, 15, 1025-1029.	3.3	4
46	Engineering a NO-Regulated Nanofluidic Sensor through the Cyclization Reaction Strategy. <i>Chemistry - A European Journal</i> , 2020, 26, 11099-11103.	3.3	7
47	β -Cyclodextrin-Self-Assembled Nanochannel Membrane for the Separation of Chiral Drugs. <i>ACS Applied Nano Materials</i> , 2020, 3, 4351-4356.	5.0	49
48	Host-Guest Sensing by Nanopores and Nanochannels. , 2020, , 1439-1464.		0
49	Host-Guest Sensing by Nanopores and Nanochannels. , 2019, , 1-27.		1
50	Bioinspired β -Cyclodextrin Pseudorotaxane Assembly Nanochannel for Selective Amino Acid Transport. <i>ACS Applied Bio Materials</i> , 2019, 2, 3607-3612.	4.6	21
51	Fabrication of a Tyrosine-Responsive Liquid Quantum Dots Based Biosensor through Host-Guest Chemistry. <i>Analytical Chemistry</i> , 2019, 91, 13285-13289.	6.5	13
52	Rhomboidal Pt(II) metallacycle-based NIR-II theranostic nanoprobe for tumor diagnosis and image-guided therapy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019, 116, 1968-1973.	7.1	140
53	The chiral interfaces fabricated by D-alanine-pillar[5]arenes for selectively adsorbing ctDNA. <i>Chemical Communications</i> , 2019, 55, 778-781.	4.1	31
54	A Chirality/Light Dual-Responsive Calixarene-Functionalized Gold Surface for the Separation of Naproxen Enantiomers. <i>ChemPlusChem</i> , 2019, 84, 907-912.	2.8	10

#	ARTICLE	IF	CITATIONS
55	Chiral galactose responsive S-phenethylamine calix [4] arene-based sensing surface. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126662.	7.8	10
56	A highly selective and recyclable NO-responsive nanochannel based on a spiroring opening-closing reaction strategy. <i>Nature Communications</i> , 2019, 10, 1323.	12.8	96
57	Switchable Nanochannel Biosensor for H ₂ S Detection Based on an Azide Reduction Reaction Controlled BSA Aggregation. <i>Analytical Chemistry</i> , 2019, 91, 6149-6154.	6.5	45
58	A pyrophosphate-activated nanochannel inspired by a TRP ion channel. <i>Chemical Communications</i> , 2019, 55, 12833-12836.	4.1	17
59	Glutathione modified Ag nanoparticles as efficient detector for pyrimethanil. <i>Nanotechnology</i> , 2019, 30, 115502.	2.6	4
60	Enantioselective Dynamic Self-Assembly of Histidine Droplets on Pillar[5]arene-Modified Interfaces. <i>ACS Applied Materials & Interfaces</i> , 2019, 11, 1665-1671.	8.0	25
61	A photo-responsive macroscopic switch constructed using a chiral azo-calix[4]arene functionalized silicon surface. <i>Chemical Communications</i> , 2018, 54, 2978-2981.	4.1	24
62	Alanine-Based Chiral Metallogels via Supramolecular Coordination Complex Platforms: Metallogelation Induced Chirality Transfer. <i>Journal of the American Chemical Society</i> , 2018, 140, 3257-3263.	13.7	91
63	PEGylation Regulates Self-Assembled Small-Molecule Dye-Based Probes from Single Molecule to Nanoparticle Size for Multifunctional NIR Bioimaging. <i>Advanced Healthcare Materials</i> , 2018, 7, e1800973.	7.6	75
64	A biomimetic chiral-driven ionic gate constructed by pillar[6]arene-based host-guest systems. <i>Nature Communications</i> , 2018, 9, 2617.	12.8	119
65	Macroscopic Chiral Recognition by Calix[4]arene-Based Host-Guest Interactions. <i>Chemistry - A European Journal</i> , 2018, 24, 15502-15506.	3.3	22
66	Construction of a Switchable Nanochannel for Protein Transport via a Pillar[5]arene-Based Host-Guest System. <i>Analytical Chemistry</i> , 2018, 90, 8270-8275.	6.5	38
67	Chiral Selective Transport of Proteins by Cysteine-Enantiomer-Modified Nanopores. <i>Angewandte Chemie</i> , 2017, 129, 7292-7296.	2.0	15
68	Chiral Selective Transport of Proteins by Cysteine-Enantiomer-Modified Nanopores. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 7186-7190.	13.8	65
69	Chiral Responsive Liquid Quantum Dots. <i>Advanced Materials</i> , 2017, 29, 1700296.	21.0	16
70	Temperature-Sensitive Artificial Channels through Pillar[5]arene-based Host-Guest Interactions. <i>Angewandte Chemie</i> , 2017, 129, 5378-5382.	2.0	45
71	Temperature-Sensitive Artificial Channels through Pillar[5]arene-based Host-Guest Interactions. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5294-5298.	13.8	145
72	Single Nanochannel Platform for Detecting Chiral Drugs. <i>Analytical Chemistry</i> , 2017, 89, 1110-1116.	6.5	70

#	ARTICLE	IF	CITATIONS
73	A light-regulated host-guest-based nanochannel system inspired by channelrhodopsins protein. <i>Nature Communications</i> , 2017, 8, 260.	12.8	108
74	Fabrication of a mercaptoacetic acid pillar[5]arene assembled nanochannel: a biomimetic gate for mercury poisoning. <i>Chemical Science</i> , 2016, 7, 3227-3233.	7.4	101
75	Dynamic Self-Assembly Adhesion of a Paraquat Droplet on a Pillar[5]arene Surface. <i>Angewandte Chemie</i> , 2016, 128, 12905-12908.	2.0	21
76	Selective molecular recognition on calixarene-functionalized 3D surfaces. <i>Chemical Communications</i> , 2016, 52, 12685-12693.	4.1	63
77	The macroscopic wettable surface: fabricated by calix[4]arene-based host-guest interaction and chiral discrimination of glucose. <i>Chemical Communications</i> , 2016, 52, 14416-14418.	4.1	29
78	Macroscopic Responsive Liquid Quantum Dots Constructed via Pillar[5]arene-Based Host-Guest Interactions. <i>Chemistry - A European Journal</i> , 2016, 22, 13805-13809.	3.3	26
79	Dynamic Self-Assembly Adhesion of a Paraquat Droplet on a Pillar[5]arene Surface. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 12713-12716.	13.8	66
80	Protein Adsorption Switch Constructed by a Pillar[5]arene-Based Host-Guest Interaction. <i>Chemistry - A European Journal</i> , 2016, 22, 941-945.	3.3	15
81	Self-assembly of 1,3-alternate calix[4]arene carboxyl acids-modified silver nanoparticles for colorimetric Cu ²⁺ sensing. <i>Sensors and Actuators B: Chemical</i> , 2016, 236, 675-681.	7.8	23
82	Zn ²⁺ and EDTA Cooperative Switchable Nanofluidic Diode Based on Asymmetric Modification of Single Nanochannel. <i>Chemistry - A European Journal</i> , 2016, 22, 4355-4358.	3.3	17
83	Macroscopic switches constructed through host-guest chemistry. <i>Chemical Communications</i> , 2016, 52, 4602-4612.	4.1	43
84	Temperature-Responsive Switch Constructed from an Anthracene-Functionalized Pillar[5]arene-Based Host-Guest System. <i>Organic Letters</i> , 2016, 18, 1092-1095.	4.6	55
85	The synthesis of pillar[5]arene functionalized graphene as a fluorescent probe for paraquat in living cells and mice. <i>Chemical Communications</i> , 2016, 52, 4385-4388.	4.1	69
86	Pesticide Macroscopic Recognition by a Naphthol-Appended Calix[4]arene. <i>Organic Letters</i> , 2015, 17, 2976-2979.	4.6	46
87	Liquid Quantum Dots Constructed by Host-Guest Interaction. <i>ACS Macro Letters</i> , 2015, 4, 357-360.	4.8	8
88	Dye responsive optical-electrochemical-wettability on a naphthalene-appended calix[4]arene clicking surface. <i>Sensors and Actuators B: Chemical</i> , 2015, 212, 371-376.	7.8	10
89	Highly sensitive colorimetric sensor for the detection of H ₂ PO ₄ ⁻ based on self-assembly of p-sulfonatocalix[6]arene modified silver nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2015, 218, 191-195.	7.8	22
90	Chiral recognition of Arg based on label-free PET nanochannel. <i>Chemical Communications</i> , 2015, 51, 4823-4826.	4.1	66

#	ARTICLE	IF	CITATIONS
91	Highly sensitive chiral recognition of amino propanol in serum with R-mandelic acid-linked calix[4]arene modified graphene. <i>Journal of Materials Chemistry C</i> , 2015, 3, 1325-1329.	5.5	30
92	Synthesis of Coumarin- π -pillar[5]arene as a Selective Fluorescent Probe for Methyl-Parathion. <i>Chinese Journal of Chemistry</i> , 2015, 33, 368-372.	4.9	22
93	Fluoride responsive single nanochannel: click fabrication and highly selective sensing in aqueous solution. <i>Chemical Science</i> , 2015, 6, 5859-5865.	7.4	66
94	Highly sensitive chiral sensing by calix[4]arene-modified silver nanoparticles via dynamic light scattering. <i>Sensors and Actuators B: Chemical</i> , 2015, 216, 235-239.	7.8	23
95	Cation-Induced Pesticide Binding and Release by a Functionalized Calix[4]arene Molecular Host. <i>Scientific Reports</i> , 2015, 5, 8982.	3.3	12
96	Recent progress of calixarene-based fluorescent chemosensors towards mercury ions. <i>Supramolecular Chemistry</i> , 2015, 27, 444-452.	1.2	18
97	Polyamidoamine functionalized CdTeSe quantum dots for sensitive detection of Cry1Ab protein in vitro and in vivo. <i>Sensors and Actuators B: Chemical</i> , 2015, 206, 8-13.	7.8	12
98	Design and Fabrication of a Biomimetic Nanochannel for Highly Sensitive Arginine Response in Serum Samples. <i>Chemistry - A European Journal</i> , 2014, 20, 7987-7993.	3.3	31
99	A Photoresponsive Wettability Switch Based on a Dimethylamino Calix[4]arene. <i>Chemistry - A European Journal</i> , 2014, 20, 9367-9371.	3.3	19
100	Ionic liquid functionalized gold nanoparticles: Synthesis, rapid colorimetric detection of imidacloprid. <i>Sensors and Actuators B: Chemical</i> , 2014, 191, 313-319.	7.8	59
101	A highly sensitive and selective colorimetric sensor for the detection of Mn ²⁺ based on supramolecular silver nanoparticle clusters. <i>New Journal of Chemistry</i> , 2014, 38, 2237-2240.	2.8	34
102	Piperidine- π -calix [4] arene modified gold nanoparticles: Imidacloprid colorimetric sensing. <i>Sensors and Actuators B: Chemical</i> , 2014, 204, 522-527.	7.8	22
103	4-Amino-3-mercaptopbenzoic acid functionalized gold nanoparticles: Synthesis, selective recognition and colorimetric detection of cyhalothrin. <i>Sensors and Actuators B: Chemical</i> , 2014, 199, 161-167.	7.8	31
104	Cu ²⁺ Ion Responsive Solvent-Free Quantum Dots. <i>Small</i> , 2014, 10, 3901-3906.	10.0	11
105	Calixarene-Based Chemosensors by Means of Click Chemistry. <i>Chemistry - an Asian Journal</i> , 2014, 9, 2344-2357.	3.3	62
106	Fabrication of Cysteine-Responsive Biomimetic Single Nanochannels by a Thiol-Cyne Reaction Strategy and Their Application for Sensing in Urine Samples. <i>Advanced Materials</i> , 2014, 26, 455-460.	21.0	67
107	Chiral imaging in living cells with functionalized graphene oxide. <i>Journal of Materials Chemistry B</i> , 2013, 1, 4267.	5.8	26
108	p-Amino benzenesulfonic acid functionalized gold nanoparticles: Synthesis, colorimetric detection of carbaryl and mechanism study by zeta potential assays. <i>Sensors and Actuators B: Chemical</i> , 2013, 183, 297-302.	7.8	51

#	ARTICLE	IF	CITATIONS
109	Arginine Wettability and Impedance Dual-Signal Response by Aldehyde Calix[4]arene Self-Assembled Monolayers. <i>ChemPlusChem</i> , 2013, 78, 1517-1522.	2.8	7
110	Wettability recognition for isomeric phenylenediamine by nitro-calix[4]arene click chemistry. <i>RSC Advances</i> , 2013, 3, 19278.	3.6	7
111	Hg ²⁺ wettability and fluorescence dual-signal responsive switch based on a cysteine complex of piperidine-calix[4]arene. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 8262.	2.8	21
112	Novel 1,3-alternate thiacalix[4]arenes: click synthesis, silver ion binding and self-assembly. <i>RSC Advances</i> , 2013, 3, 1029-1032.	3.6	7
113	Fabrication of Layer-by-Layer Assembled Biomimetic Nanochannels for Highly Sensitive Acetylcholine Sensing. <i>Chemistry - A European Journal</i> , 2013, 19, 7686-7690.	3.3	48
114	Biomimetic Ion Nanochannels as a Highly Selective Sequential Sensor for Zinc Ions Followed by Phosphate Anions. <i>Chemistry - A European Journal</i> , 2013, 19, 9388-9395.	3.3	42
115	Bipyrene-Functionalized Graphene as a Turn-On Fluorescence Sensor for Manganese(II) Ions in Living cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 592-597.	8.0	76
116	Anthraquinone-modified calix[4]arene: click synthesis, selective calcium ion fluorescent chemosensor and INHIBIT logic gate. <i>Supramolecular Chemistry</i> , 2012, 24, 272-278.	1.2	24
117	pH gated glucose responsive biomimetic single nanochannels. <i>Chemical Communications</i> , 2012, 48, 3282.	4.1	60
118	Enantioselective Recognition of Mandelic Acid with (R)-1,1-Bi-2-naphthol-Linked Calix[4]arene via Fluorescence and Dynamic Light Scattering. <i>Organic Letters</i> , 2012, 14, 3572-3575.	4.6	42
119	Colorimetric detection and separation of chiral tyrosine based on N-acetyl-L-cysteine modified gold nanoparticles. <i>Journal of Materials Chemistry</i> , 2012, 22, 6546.	6.7	96
120	Synthesis of a pyridyl-appended calix[4]arene and its application to the modification of silver nanoparticles as an Fe ³⁺ colorimetric sensor. <i>New Journal of Chemistry</i> , 2012, 36, 656-661.	2.8	74
121	Composite quantum dots detect Cd ²⁺ in living cells in a fluorescence turning on mode. <i>Journal of Materials Chemistry</i> , 2012, 22, 2507-2511.	6.7	42
122	Cyclodextrin modified quantum dots with tunable liquid-like behaviour. <i>Chemical Communications</i> , 2012, 48, 3596.	4.1	14
123	Chiral colorimetric recognition of amino acids based on silver nanoparticle clusters. <i>New Journal of Chemistry</i> , 2012, 36, 1442.	2.8	49
124	A new Hg ²⁺ fluorescent sensors based on 1,3-alternate thiacalix[4]arene (L) and the complex of [L+Hg ²⁺] as turn-on sensor for cysteine. <i>Tetrahedron</i> , 2012, 68, 2409-2413.	1.9	45
125	Enantioselective Recognition in Biomimetic Single Artificial Nanochannels. <i>Journal of the American Chemical Society</i> , 2011, 133, 7644-7647.	13.7	239
126	Quinolono-triazole linked gold nanoparticles as sensitive turn-on fluorescent Cd ²⁺ probes. <i>Nanotechnology</i> , 2011, 22, 435502.	2.6	4

#	ARTICLE	IF	CITATIONS
127	Lead (II) ion detection in surface water with pM sensitivity using aza-crown-ether-modified silver nanoparticles via dynamic light scattering. <i>Nanotechnology</i> , 2011, 22, 275504.	2.6	25
128	Multi-emission CdTe quantum dot nanofluids. <i>Journal of Materials Chemistry</i> , 2011, 21, 8521.	6.7	19
129	Enantioselective recognition of electrochemically inactive phenylalanine by thiolated-cyclodextrin/ferrocene-coated gold nanoparticles. <i>Supramolecular Chemistry</i> , 2011, 23, 455-461.	1.2	9
130	Dual-signal fenamithion probe by combining fluorescence with colorimetry based on Rhodamine B modified silver nanoparticles. <i>Analyst, The</i> , 2011, 136, 1351.	3.5	33
131	Colorimetric determination of pyrethroids based on core-shell Ag@SiO ₂ nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2011, 155, 878-883.	7.8	20
132	Host-molecule-coated quantum dots as fluorescent sensors. <i>Analytical and Bioanalytical Chemistry</i> , 2010, 397, 1437-1444.	3.7	62
133	Metal ions recognition by 1,2,3-triazolium calix[4]arene esters synthesized via click chemistry. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2010, 66, 43-47.	1.6	27
134	Highly sensitive and selective tryptophan colorimetric sensor based on 4,4-bipyridine-functionalized silver nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2010, 145, 194-199.	7.8	91
135	Covalent coupling of organophosphorus hydrolase loaded quantum dots to carbon nanotube/Au nanocomposite for enhanced detection of methyl parathion. <i>Biosensors and Bioelectronics</i> , 2010, 25, 1370-1375.	10.1	143
136	A selective fluorescent probe of Hg ²⁺ based on triazole-linked 8-oxyquinoline calix[4]arene by click chemistry. <i>Supramolecular Chemistry</i> , 2010, 22, 249-255.	1.2	31
137	Synthesis of aza-crown ether-modified silver nanoparticles as colorimetric sensors for Ba ²⁺ . <i>Supramolecular Chemistry</i> , 2010, 22, 544-547.	1.2	23
138	Visual detection of melamine in infant formula at 0.1 ppm level based on silver nanoparticles. <i>Analyst, The</i> , 2010, 135, 583.	3.5	125
139	Cooperative Binding of Bifunctionalized and Click-Synthesized Silver Nanoparticles for Colorimetric Co ²⁺ Sensing. <i>ACS Applied Materials & Interfaces</i> , 2010, 2, 684-690.	8.0	158
140	Molecularly Imprinted Silica Nanospheres Embedded CdSe Quantum Dots for Highly Selective and Sensitive Optosensing of Pyrethroids. <i>Chemistry of Materials</i> , 2010, 22, 2451-2457.	6.7	228
141	para-Sulfonatocalix[6]arene-modified silver nanoparticles electrodeposited on glassy carbon electrode: Preparation and electrochemical sensing of methyl parathion. <i>Talanta</i> , 2010, 81, 1028-1033.	5.5	53
142	Click synthesis of podand triazole-linked gold nanoparticles as highly selective and sensitive colorimetric probes for lead(ii) ions. <i>Analyst, The</i> , 2010, 135, 1360.	3.5	72
143	Selective and efficient magnetic separation of Pb ²⁺ via gold nanoparticle-based visual binding enrichment. <i>Chemical Communications</i> , 2010, 46, 7337.	4.1	35
144	Selective molecular recognition of polycyclic aromatic hydrocarbons using CdTe quantum dots with cyclodextrin as supramolecular nano-sensitizers in water. <i>Sensors and Actuators B: Chemical</i> , 2009, 135, 499-505.	7.8	32

#	ARTICLE	IF	CITATIONS
145	Colorimetric detection of pollutant aromatic amines isomers with p-sulfonatocalix[6]arene-modified gold nanoparticles. <i>Sensors and Actuators B: Chemical</i> , 2009, 137, 704-709.	7.8	77
146	Glutathione-stabilized silver nanoparticles as colorimetric sensor for Ni ²⁺ ion. <i>Sensors and Actuators B: Chemical</i> , 2009, 143, 87-92.	7.8	159
147	Synthesis of highly luminescent cobalt(ii)-bis(8-hydroxyquinoline) nanosheets as isomeric aromatic amine probes. <i>Nanoscale</i> , 2009, 1, 128.	5.6	18
148	Synthesis of calix[4]crowns containing soft and hard ion binding sites via click chemistry. <i>New Journal of Chemistry</i> , 2009, 33, 725-728.	2.8	37
149	Highly selective and sensitive colorimetric probes for Yb ³⁺ ions based on supramolecular aggregates assembled from β -cyclodextrin-4,4'-dipyridine inclusion complex modified silver nanoparticles. <i>Chemical Communications</i> , 2009, , 3545.	4.1	61
150	Selective colorimetric sensing of histidine in aqueous solutions using cysteine modified silver nanoparticles in the presence of Hg ²⁺ . <i>Nanotechnology</i> , 2009, 20, 145502.	2.6	57
151	Triazole-ester modified silver nanoparticles: click synthesis and Cd ²⁺ colorimetric sensing. <i>Chemical Communications</i> , 2009, , 4812.	4.1	91
152	The synthesis of novel polysiloxanes with pendant hand-basket type calix[6]crowns and their transporting properties for metal ions in a liquid membrane. <i>Journal of Membrane Science</i> , 2008, 310, 431-437.	8.2	13
153	Synthesis and conformation studies of multiple bridged p-tert-butylcalix[7]arene diphosphates. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 60, 169-172.	1.6	12
154	Regioselective intramolecular bridging of p-tert-butylcalix[10]arene. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2008, 60, 379-382.	1.6	9
155	A luminescent nanosensor for Hg(II) based on functionalized CdSe/ZnS quantum dots. <i>Mikrochimica Acta</i> , 2008, 160, 119-123.	5.0	49
156	Chiral Recognition of Amino Acids Based on Cyclodextrin-Capped Quantum Dots. <i>Small</i> , 2008, 4, 1344-1350.	10.0	140
157	Development of acetylcholinesterase biosensor based on CdTe quantum dots/gold nanoparticles modified chitosan microspheres interface. <i>Biosensors and Bioelectronics</i> , 2008, 24, 475-479.	10.1	133
158	CdTe nanocrystal-based electrochemical biosensor for the recognition of neutravidin by anodic stripping voltammetry at electrodeposited bismuth film. <i>Biosensors and Bioelectronics</i> , 2008, 24, 863-868.	10.1	33
159	Sonochemical Synthesis of Cyclodextrin-Coated Quantum Dots for Optical Detection of Pollutant Phenols in Water. <i>Chemistry of Materials</i> , 2008, 20, 6053-6059.	6.7	97
160	Colorimetric detection of pesticides based on calixarene modified silver nanoparticles in water. <i>Nanotechnology</i> , 2008, 19, 465502.	2.6	119
161	Synthesis of cadmium selenide quantum dots modified with thiourea type ligands as fluorescent probes for iodide ions. <i>Journal of Materials Chemistry</i> , 2008, 18, 4543.	6.7	60
162	Synthesis of water-soluble CdSe quantum dots by ligand exchange with p-sulfonatocalix(4,6)arene as fluorescent probes for amino acids. <i>Nanotechnology</i> , 2008, 19, 205501.	2.6	43

#	ARTICLE	IF	CITATIONS
163	Synthesis of para-sulfonatocalix[4]arene-modified silver nanoparticles as colorimetric histidine probes. <i>Chemical Communications</i> , 2008, , 880-882.	4.1	164
164	Tuning the fluorescence response of surface modified CdSe quantum dots between tyrosine and cysteine by addition of p-sulfonatocalix[4]arene. <i>Photochemical and Photobiological Sciences</i> , 2008, 7, 694.	2.9	19
165	Selective inclusion of polycyclic aromatic hydrocarbons (PAHs) on calixarene coated silica nanospheres englobed with CdTe nanocrystals. <i>Journal of Materials Chemistry</i> , 2007, 17, 3536.	6.7	61
166	Synthesis of CdTe Quantum Dots in Solâ€Gel-Derived Composite Silica Spheres Coated with Calix[4]arene as Luminescent Probes for Pesticides. <i>Chemistry of Materials</i> , 2007, 19, 4148-4154.	6.7	112
167	Gemini surfactant for fluorescent and stable quantum dots in aqueous solution. <i>Nanotechnology</i> , 2007, 18, 205603.	2.6	19
168	Synthesis of calix[4]crown-4 oligomers containing hard and soft ion binding sites. <i>Journal of Applied Polymer Science</i> , 2007, 104, 3201-3205.	2.6	11
169	Calixarene capped quantum dots as luminescent probes for Hg ²⁺ ions. <i>Materials Letters</i> , 2007, 61, 1474-1477.	2.6	135
170	Selenium calixarene for luminescent and stable quantum dots. <i>Materials Letters</i> , 2006, 60, 703-705.	2.6	22
171	p-tert-Butylcalix[4]arene-1,3-bis(allyloxyethoxy)ether Coated Capillaries for Open-Tubular Electrochromatography. <i>Analytical Sciences</i> , 2005, 21, 717-720.	1.6	17
172	High extraction efficiency fiber coated with calix[4] open-chain crown ether for solid-phase microextraction of polar aromatic and aliphatic compounds. <i>Journal of Separation Science</i> , 2005, 28, 2306-2318.	2.5	26
173	Preparation and characteristics of solâ€gel-coated calix[4]arene fiber for solid-phase microextraction. <i>Journal of Chromatography A</i> , 2004, 1023, 15-25.	3.7	103
174	The solâ€gel technique to prepare calix[6]crown-containing organosilicon resins and their adsorption properties towards metal ions. <i>Reactive and Functional Polymers</i> , 2003, 55, 171-178.	4.1	36
175	Electrochemical Investigation of Eu(III) with 25,27-Dibenzoyloxy-5,11,17,23-tetra-tert-butyl-26,28-dihydroxy-calix[4]arene Complex Films on a Glassy Carbon Electrode. <i>Electroanalysis</i> , 2002, 14, 1122-1126.	2.9	0
176	Open-tubular capillary electrochromatography using capillary columns chemically bonded with the new host molecules calix[6]crown, calix[6]arene. <i>Electrophoresis</i> , 2002, 23, 1272-1278.	2.4	22
177	Syntheses of novel types of calix[6]bis-crowns and related compounds. <i>New Journal of Chemistry</i> , 2001, 25, 340-343.	2.8	26