

# Fluorescent chemosensors: the past, present and future

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Citation Report

#	ARTICLE	IF	CITATIONS
1	Specialty Grand Challenges in Supramolecular Chemistry. <i>Frontiers in Chemistry</i> , 2017, 5, 83.	1.8	14
2	More Than a Light Switch: Engineering Unconventional Fluorescent Configurations for Biological Sensing. <i>ACS Chemical Biology</i> , 2018, 13, 1752-1766.	1.6	31
3	A Bioluminescent Probe for Imaging Endogenous Peroxynitrite in Living Cells and Mice. <i>Analytical Chemistry</i> , 2018, 90, 4167-4173.	3.2	91
4	Development of a novel carboplatin like cytoplasmic trackable near infrared fluorophore conjugate via strain-promoted azide alkyne cycloaddition. <i>Journal of Inorganic Biochemistry</i> , 2018, 182, 150-157.	1.5	11
5	Development of a mitochondrial-targeted two-photon fluorescence turn-on probe for formaldehyde and its bio-imaging applications in living cells and tissues. <i>New Journal of Chemistry</i> , 2018, 42, 8325-8329.	1.4	39
6	Long-wavelength TCF-based fluorescence probes for the detection and intracellular imaging of biological thiols. <i>Chemical Communications</i> , 2018, 54, 4786-4789.	2.2	68
7	Luminescent metal-organic frameworks as chemical sensors: common pitfalls and proposed best practices. <i>Inorganic Chemistry Frontiers</i> , 2018, 5, 1493-1511.	3.0	129
8	Boronate-Based Fluorescence Probes for the Detection of Hydrogen Peroxide. <i>ChemistryOpen</i> , 2018, 7, 262-265.	0.9	30
9	Surface functionalized silica nanoparticles for the off-on fluorogenic detection of an improvised explosive, TATP, in a vapour flow. <i>Journal of Materials Chemistry A</i> , 2018, 6, 4416-4423.	5.2	27
10	Observation of a new type of aggregation-induced emission in nanoclusters. <i>Chemical Science</i> , 2018, 9, 3062-3068.	3.7	118
11	A two-photon ESIPT based fluorescence probe for specific detection of hypochlorite. <i>Dyes and Pigments</i> , 2018, 158, 526-532.	2.0	67
12	A colorimetric and fluorescent probe for rapid detection of glutathione and its application to tissue specific bio-imaging in living cells and zebrafish. <i>Sensors and Actuators B: Chemical</i> , 2018, 262, 306-312.	4.0	32
13	<i>In Situ</i> Construction of Protein-Based Semisynthetic Biosensors. <i>ACS Sensors</i> , 2018, 3, 527-539.	4.0	21
14	An ESIPT fluorescent probe and a nanofiber platform for selective and sensitive detection of a nerve gas mimic. <i>Chemical Communications</i> , 2018, 54, 2276-2279.	2.2	68
15	A uniquely fabricated Cu(II)-metallacycle as a reusable highly sensitive dual-channel and practically functional metalloceptor for Fe <sup>3+</sup> and Ca <sup>2+</sup> ions: an inorganic site of cation detection. <i>New Journal of Chemistry</i> , 2018, 42, 3582-3592.	1.4	6
16	Fluorescent squaramides as anion receptors and transmembrane anion transporters. <i>Chemical Communications</i> , 2018, 54, 1363-1366.	2.2	43
17	Novel CO <sub>2</sub> Fluorescence Turn-On Quantification Based on a Dynamic AIE-Active Metal-Organic Framework. <i>ACS Applied Materials &amp; Interfaces</i> , 2018, 10, 2868-2873.	4.0	37
18	A fluorescent activatable probe for imaging intracellular Mg <sup>2+</sup> . <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 239-244.	1.5	19

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19	Acid/Base-Controllable FRET and Self-Assembling Systems Fabricated by Rhodamine B Functionalized Pillar[5]arene-Based Host-Guest Recognition Motifs. <i>Organic Letters</i> , 2018, 20, 365-368.	2.4	38
20	Hyperbranched poly(ether amine) nanomicelles as nanoreactors for the unexpected ultrafast photolysis of fluorescein dyes. <i>Polymer Chemistry</i> , 2018, 9, 2727-2732.	1.9	4
21	A tetrasulphite-containing fluorescent chemodosimeter for Hg <sup>2+</sup> with optimized selectivity towards Ag <sup>+</sup> . <i>Sensors and Actuators B: Chemical</i> , 2018, 269, 70-78.	4.0	15
22	A visible-near-infrared fluorescent probe for peroxynitrite with large pseudo-Stokes and emission shift <i>via</i> through-bond energy and charge transfers controlled by energy matching. <i>Journal of Materials Chemistry B</i> , 2018, 6, 2489-2496.	2.9	33
23	Reaction-based AIEE-active conjugated polymer as fluorescent turn on probe for mercury ions with good sensing performance. <i>Dyes and Pigments</i> , 2018, 156, 1-7.	2.0	57
24	Chloro-Functionalized Photo-crosslinking BODIPY for Glutathione Sensing and Subcellular Trafficking. <i>ChemBioChem</i> , 2018, 19, 1001-1005.	1.3	9
25	Rational design of substituted maleimide dyes with tunable fluorescence and solvachromism. <i>Chemical Communications</i> , 2018, 54, 3339-3342.	2.2	42
26	The photochromism, light harvesting and self-assembly activity of a multi-function Schiff-base compound based on the AIE effect. <i>Journal of Materials Chemistry C</i> , 2018, 6, 4057-4064.	2.7	62
27	Fluorescent Chemosensors as Future Tools for Cancer Biology. <i>ACS Chemical Biology</i> , 2018, 13, 1785-1798.	1.6	60
28	Small-molecule luminescent probes for the detection of cellular oxidizing and nitrating species. <i>Free Radical Biology and Medicine</i> , 2018, 128, 3-22.	1.3	57
29	A facile fluorescent "turn-off" method for sensing paraquat based on pyranine-paraquat interaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 199, 96-101.	2.0	35
30	Polysulfide-triggered fluorescent indicator suitable for super-resolution microscopy and application in imaging. <i>Chemical Communications</i> , 2018, 54, 3735-3738.	2.2	31
31	Virtual Issue: Chemosensors. <i>ChemistryOpen</i> , 2018, 7, 215-216.	0.9	2
32	An ESIPT based fluorescence probe for ratiometric monitoring of nitric oxide. <i>Sensors and Actuators B: Chemical</i> , 2018, 259, 347-353.	4.0	60
33	A ratiometric fluorescent probe for bioimaging and biosensing of HBrO in mitochondria upon oxidative stress. <i>Chemical Communications</i> , 2018, 54, 12198-12201.	2.2	37
34	A rapid and naked-eye visible rhodamine 6G-based chemosensor for sensitive detection of copper(II) ions in aqueous solution. <i>Analytical Methods</i> , 2018, 10, 5731-5737.	1.3	16
35	Excited-state intramolecular proton-transfer (ESIPT) based fluorescence sensors and imaging agents. <i>Chemical Society Reviews</i> , 2018, 47, 8842-8880.	18.7	993
36	Selective tracking of ovarian-cancer-specific <sup>13</sup> C-glutamyltranspeptidase using a ratiometric two-photon fluorescent probe. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7439-7443.	2.9	24

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37	A versatile chemosensor for the detection of Al <sup>3+</sup> and picric acid (PA) in aqueous solution. Dalton Transactions, 2018, 47, 15907-15916.	1.6	19
38	Film-Based Fluorescent Sensor for Monitoring Ethanol-Water-Mixture Composition via Vapor Sampling. Analytical Chemistry, 2018, 90, 14088-14093.	3.2	34
39	Recent Progress on the Evolution of Pourbaix Sensors: Molecular Logic Gates for Protons and Oxidants. Chemosensors, 2018, 6, 48.	1.8	7
40	Microcapsule-Containing Self-Reporting Polymers. Small, 2018, 14, e1802489.	5.2	51
41	A Highly Selective Fluorescent Chemosensor for Detecting Indium(III) with a Low Detection Limit and its Application. Journal of Fluorescence, 2018, 28, 1363-1370.	1.3	18
42	Rational design of time-resolved turn-on fluorescence sensors: exploiting delayed fluorescence for hydrogen peroxide sensing. Chemical Communications, 2018, 54, 12069-12072.	2.2	25
43	A thiophene-based blue-fluorescent emitting chemosensor for detecting indium (III) ion. Inorganic Chemistry Communication, 2018, 97, 171-175.	1.8	25
44	Fluorescent Zn <sup>II</sup> Chemosensor Mediated by a 1,8-Naphthyridine Derivative and Its Photophysical Properties. ChemistryOpen, 2018, 7, 639-644.	0.9	3
45	Halogen-Bond-Assisted Photoluminescence Modulation in Carbazole-Based Emitter. Scientific Reports, 2018, 8, 14431.	1.6	23
46	Fluorescent probes guided by a new practical performance regulation strategy to monitor glutathione in living systems. Chemical Science, 2018, 9, 8065-8070.	3.7	42
47	Development of a Water-Dispersible SBA-15 Benzothiazole-Derived Fluorescence Nanosensor by Physisorption and Its Use in Organic-Solvent-Free Detection of Perborate and Hydrazine. ChemistrySelect, 2018, 3, 10585-10592.	0.7	7
48	Four-Component Domino Synthesis of Pyrazolo[3,4- <i>ih</i> ]quinoline-3-carbonitriles: a Turn-Off Fluorescent Chemosensor for Fe <sup>3+</sup> Ions. Journal of Organic Chemistry, 2018, 83, 14084-14090.	1.7	27
49	Fluorescent Chemosensors for Various Analytes Including Reactive Oxygen Species, Biothiol, Metal Ions, and Toxic Gases. ACS Omega, 2018, 3, 13731-13751.	1.6	86
50	A high-efficiency and low-cost AEE polyurethane chemo-sensor for Fe <sup>3+</sup> and explosives detection. Tetrahedron Letters, 2018, 59, 4191-4195.	0.7	12
51	A Fluorescence Intensity Ratiometric Fiber Optics-Based Chemical Sensor for Monitoring pH. Advanced Materials Technologies, 2018, 3, 1800205.	3.0	29
52	Ultrasensitive Colorimetric and Ratiometric Detection of Cu <sup>2+</sup> : Acid-Base Properties, Complexation, and Binding Studies. ACS Omega, 2018, 3, 10471-10480.	1.6	17
53	ESIPT-based fluorescence probe for the rapid detection of peroxynitrite AND™ biological thiols. Chemical Communications, 2018, 54, 11336-11339.	2.2	64
54	Polymerization led selective detection and removal of Zn <sup>2+</sup> and Cd <sup>2+</sup> ions: isolation of Zn- and Cd-MOFs and reversibility studies. Dalton Transactions, 2018, 47, 14686-14695.	1.6	21

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55	A multi-controllable selective fluorescent turn-on chemosensor for Al <sup>3+</sup> and Zn <sup>2+</sup> based on a new diarylethene with a 3-(4-methylphenyl)-1H-pyrazol-5-amine Schiff base group. <i>Tetrahedron</i> , 2018, 74, 6299-6309.	1.0	28
56	Remarkable difference in Al <sup>3+</sup> and Zn <sup>2+</sup> sensing properties of quinoline based isomers. <i>Dalton Transactions</i> , 2018, 47, 13972-13989.	1.6	56
57	A turn-on fluorescent formaldehyde probe regulated by combinational PET and ICT mechanisms for bioimaging applications. <i>Analytical Methods</i> , 2018, 10, 2963-2967.	1.3	24
58	A simple amide fluorescent sensor based on quinoline for selective and sensitive recognition of zinc(II) ions and bioimaging in living cells. <i>Dyes and Pigments</i> , 2018, 158, 312-318.	2.0	40
59	1,3,5-Triphenylbenzene: a versatile photoluminescent chemo-sensor platform and supramolecular building block. <i>RSC Advances</i> , 2018, 8, 17535-17550.	1.7	10
60	Bis-reaction-trigger as a strategy to improve the selectivity of fluorescent probes. <i>Chemical Communications</i> , 2018, 54, 8170-8173.	2.2	18
61	Au <sub>25</sub> (SR) <sub>18</sub> : the captain of the great nanocluster ship. <i>Nanoscale</i> , 2018, 10, 10758-10834.	2.8	253
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63	Engineering of a near-infrared fluorescent probe for real-time simultaneous visualization of intracellular hypoxia and induced mitophagy. <i>Chemical Science</i> , 2018, 9, 5347-5353.	3.7	129
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65	AND™-based fluorescence scaffold for the detection of ROS/RNS and a second analyte. <i>Chemical Communications</i> , 2018, 54, 8466-8469.	2.2	47
66	ESIPT-based fluorescence probe for the rapid detection of hypochlorite (HOCl/OCl <sup>-</sup> ). <i>Chemical Communications</i> , 2018, 54, 8522-8525.	2.2	101
67	Tetraarylpyrrolo[3,2- <i>b</i> ]pyrroles as versatile and responsive fluorescent linkers in metal-organic frameworks. <i>Dalton Transactions</i> , 2018, 47, 10080-10092.	1.6	22
68	The development of an ICT-based formaldehyde-responsive fluorescence turn-on probe with a high signal-to-noise ratio. <i>New Journal of Chemistry</i> , 2018, 42, 12361-12364.	1.4	33
69	A sequence-activated AND logic dual-channel fluorescent probe for tracking programmable drug release. <i>Chemical Science</i> , 2018, 9, 6176-6182.	3.7	76
70	A simple Schiff base as dual-responsive fluorescent sensor for bioimaging recognition of Zn <sup>2+</sup> and Al <sup>3+</sup> in living cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 5435-5442.	2.9	87
71	ESIPT-based ratiometric fluorescence probe for the intracellular imaging of peroxyxynitrite. <i>Chemical Communications</i> , 2018, 54, 9953-9956.	2.2	96
72	Biotin-tagged fluorescent sensor to visualize mobile Zn <sup>2+</sup> in cancer cells. <i>Chemical Communications</i> , 2018, 54, 9619-9622.	2.2	16

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73	A triphenylamine-functionalized fluorescent organic polymer as a turn-on fluorescent sensor for Fe <sup>3+</sup> ion with high sensitivity and selectivity. <i>Journal of Materials Science</i> , 2018, 53, 15746-15756.	1.7	19
74	Visualization of methylglyoxal in living cells and diabetic mice model with a 1,8-naphthalimide-based two-photon fluorescent probe. <i>Chemical Science</i> , 2018, 9, 6758-6764.	3.7	72
75	A symmetrical luminol based azo derivative for trimodal ratiometric Hg <sup>2+</sup> sensing and its application to bioimaging in living cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 364, 773-786.	2.0	5
76	Rhodamine-based Colorimetric and Fluorescent Chemosensors for the Detection of Cu <sup>2+</sup> Ions and its Application to Bioimaging. <i>Bulletin of the Korean Chemical Society</i> , 2018, 39, 972-981.	1.0	8
77	Synthesis of Fluorescent BODIPY-labeled Analogue of Miltefosine for Staining of <i>Acanthamoeba</i> .. <i>ChemistrySelect</i> , 2018, 3, 7674-7679.	0.7	4
78	Solid-state sensors based on Eu <sup>3+</sup> -containing supramolecular polymers with luminescence colour switching capability. <i>Dalton Transactions</i> , 2018, 47, 14184-14188.	1.6	12
79	Fluorescent Sensing of Cesium Ions by an Amide-linked BODIPY Dye: Synthesis and Photophysical Properties. <i>ChemistrySelect</i> , 2018, 3, 7940-7944.	0.7	10
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81	Synthesis and characterization of two fluorescent isophthalate rosamines: From solution to immobilization in solid substrates. <i>Dyes and Pigments</i> , 2018, 157, 405-414.	2.0	3
82	Fluorescent detection of Zn(II) and In(III) and colorimetric detection of Cu(II) and Co(II) by a versatile chemosensor. <i>Journal of Industrial and Engineering Chemistry</i> , 2018, 65, 290-299.	2.9	37
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84	A turn-on fluorescence probe based on aggregation-induced emission for leucine aminopeptidase in living cells and tumor tissue. <i>Analytica Chimica Acta</i> , 2018, 1031, 169-177.	2.6	45
85	Control of the Near Infrared Photoluminescence of Locally Functionalized Single-walled Carbon Nanotubes via Doping by Azacrown-ether Modification. <i>Chemistry - A European Journal</i> , 2018, 24, 9393-9398.	1.7	25
86	A peptide-based multifunctional fluorescent probe for Cu <sup>2+</sup> , Hg <sup>2+</sup> and biothiols. <i>New Journal of Chemistry</i> , 2018, 42, 15770-15777.	1.4	29
87	Recent progresses in small-molecule enzymatic fluorescent probes for cancer imaging. <i>Chemical Society Reviews</i> , 2018, 47, 7140-7180.	18.7	689
88	A novel fluorescent turn-on probe for highly selective detection of nitroreductase in tumor cells. <i>Sensors and Actuators B: Chemical</i> , 2018, 276, 397-403.	4.0	31
89	Recent development of fiber-optic chemical sensors and biosensors: Mechanisms, materials, micro/nano-fabrications and applications. <i>Coordination Chemistry Reviews</i> , 2018, 376, 348-392.	9.5	179
90	Small-molecule fluorescent probes and their design. <i>RSC Advances</i> , 2018, 8, 29051-29061.	1.7	218

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91	Bis-(2-Hydroxybenzylidene)-1H-Pyrazole 3,5-Dicarbohydrazide as a Novel Chemosensor for the Detection of Endogenous Zinc: A Fluorometric Study. <i>Journal of Fluorescence</i> , 2018, 28, 1105-1114.	1.3	4
92	Water-soluble naphthalene diimides: synthesis, optical properties, and colorimetric detection of biogenic amines. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2641-2651.	2.3	16
93	Li <sup>+</sup> -Induced fluorescent metallogel: a case of ESIPT-CHEF and ICT phenomenon. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 23762-23772.	1.3	20
94	<i>In vivo</i> imaging of hepatocellular nitric oxide using a hepatocyte-targeting fluorescent sensor. <i>Chemical Communications</i> , 2018, 54, 7231-7234.	2.2	90
95	A TCF-based colorimetric and fluorescent probe for palladium detection in an aqueous solution. <i>Tetrahedron Letters</i> , 2018, 59, 2804-2808.	0.7	19
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97	A new 1,2,3,4-tetrahydroquinoxaline derivative combining baicalein and 1,2-diphenylethylenediamine moieties: Structure and its fluorescence-based detection of nitroaromatics. <i>Journal of Molecular Structure</i> , 2018, 1171, 69-75.	1.8	4
98	Metal-Coupled Fluorescence Resonance Energy Transfer in Layer-by-Layer Assemblies for Dual Modality Fluorescence Enhancement. <i>Macromolecular Chemistry and Physics</i> , 2018, 219, 1800115.	1.1	8
99	Understanding the details of aggregation-induced emission (AIE) effect in D-π-A type imidazolium-based compounds through the stepwise change of rotatable moieties. <i>Dyes and Pigments</i> , 2019, 160, 909-914.	2.0	25
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101	An easy-to-synthesize multi-photoresponse smart sensor for rapidly detecting Zn <sup>2+</sup> and quantifying Fe <sup>3+</sup> based on the enol/keto binding mode. <i>New Journal of Chemistry</i> , 2019, 43, 14179-14189.	1.4	8
102	White Light Emission from a Simple Mixture of Fluorescent Organic Compounds. <i>Scientific Reports</i> , 2019, 9, 11834.	1.6	40
103	A Fluorescent Kinase Inhibitor that Exhibits Diagnostic Changes in Emission upon Binding. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 15000-15004.	7.2	10
104	A Single Fluorescent Chemosensor for Simultaneous Discriminative Detection of Gaseous Phosgene and a Nerve Agent Mimic. <i>Analytical Chemistry</i> , 2019, 91, 12070-12076.	3.2	95
105	Colorimetric and Fluorimetric DNA Detection with a Hydroxystyryl-Quinolizinium Photoacid and Its Application for Cell Imaging. <i>Chemistry - A European Journal</i> , 2019, 25, 12703-12707.	1.7	14
106	Thermally activated delayed fluorescence molecules and their new applications aside from OLEDs. <i>Chinese Chemical Letters</i> , 2019, 30, 1717-1730.	4.8	57
107	Multifunctional fluorescent naphthalimide self-assembly system for the detection of Cu <sup>2+</sup> and K <sup>+</sup> and continuous sensing of organic amines and gaseous acids. <i>Journal of Materials Chemistry C</i> , 2019, 7, 10589-10597.	2.7	27
108	Blue-Emitting BODIPY Dyes. , 2019, , .		1

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109	Turn-on fluorescence sensing of hydrazine using MnO <sub>2</sub> nanotube-decorated g-C <sub>3</sub> N <sub>4</sub> nanosheets. <i>New Journal of Chemistry</i> , 2019, 43, 13196-13204.	1.4	18
110	(Tetrahydrodibenzo[ <i>a</i> ], <i>i</i> ]phenanthridin-5-yl)phenol as a Fluorescent Probe for the Detection of Aniline. <i>Journal of Organic Chemistry</i> , 2019, 84, 11513-11523.	1.7	32
111	Dual-quenching NBD-based fluorescent probes for separate detection of H <sub>2</sub> S and Cys/Hcy in living cells. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 8435-8442.	1.5	13
112	Molecular Cursor Caliper: A Fluorescent Sensor for Dicarboxylate Dianions. <i>Journal of the American Chemical Society</i> , 2019, 141, 14798-14806.	6.6	90
113	A rhodamine-nitronaphthalimide Hg(II) complex for the simultaneous detection of oxidised and reduced glutathione. <i>Sensors and Actuators B: Chemical</i> , 2019, 300, 126825.	4.0	14
114	Design Principles, Sensing Mechanisms, and Applications of Highly Specific Fluorescent Probes for HOCl/OCl <sup>-</sup> . <i>Accounts of Chemical Research</i> , 2019, 52, 2158-2168.	7.6	285
115	Understanding the Selective-Sensing Mechanism of Al <sup>3+</sup> Cation by a Chemical Sensor Based on Schiff Base: A Theoretical Approach. <i>Journal of Physical Chemistry A</i> , 2019, 123, 6970-6977.	1.1	31
116	Integrating Target-Responsive Hydrogels with Smartphone for On-Site ppb-Level Quantitation of Organophosphate Pesticides. <i>ACS Applied Materials &amp; Interfaces</i> , 2019, 11, 27605-27614.	4.0	77
117	Fluorescent enhancement sensing of cadmium (II) ion based on a perylene bisimide derivative. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126802.	4.0	16
118	A cationic tetrahedral Zn(II) cluster based on a new salicylamide imine multidentate ligand: synthesis, structure and fluorescence sensing study. <i>Dalton Transactions</i> , 2019, 48, 12326-12335.	1.6	14
119	Benzothiazole derived ratiometric fluorescent probe for selective detection of Pd(0) based on Tsuji-Trost reaction. <i>Inorganica Chimica Acta</i> , 2019, 495, 119000.	1.2	13
120	A highly fluorescent tri-nuclear boron complex with large Stokes shifts based on tripodal Schiff base: synthesis and photophysical properties. <i>Journal of Chemical Sciences</i> , 2019, 131, 1.	0.7	3
121	Recent progress in the development of small-molecule fluorescent probes for the detection of hydrogen peroxide. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 118, 625-651.	5.8	94
122	Synthesis of BODIPY-cyclotetraphosphazene triad systems and their sensing behaviors toward Co(II) and Cu(II). <i>Inorganica Chimica Acta</i> , 2019, 495, 119009.	1.2	11
123	A colorimetric and near -infrared ratiometric fluorescent probe for the determination of endogenous tyrosinase activity based on cyanine aggregation. <i>Analyst</i> , 2019, 144, 5472-5478.	1.7	25
124	A highly selective and sensitive 1,8-naphthalimide-based fluorescent sensor for Zn <sup>2+</sup> imaging in living cells. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 2646-2649.	1.0	9
125	Highly Sensitive Dansyl-Based Chemosensor for Detection of Cu <sup>2+</sup> in Aqueous Solution and Zebrafish. <i>ACS Omega</i> , 2019, 4, 12537-12543.	1.6	34
126	A light activated CMP conjugated 8-aminoquinoline turn-on fluorescent optode for selective determination of Th <sup>4+</sup> in an aqueous environment. <i>Dalton Transactions</i> , 2019, 48, 12607-12614.	1.6	8



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127	A selective triarylmethine-based spectroscopic probe for Zn <sup>2+</sup> ion monitoring. <i>Dyes and Pigments</i> , 2019, 171, 107721.	2.0	15
128	Recent Advances in Aggregation-Induced Emission Chemosensors for Anion Sensing. <i>Molecules</i> , 2019, 24, 2711.	1.7	65
129	Bisnaphthalimide-based fluorescent sensor for detecting alcohol and application in evaluating the liquors. <i>Journal of Luminescence</i> , 2019, 214, 116573.	1.5	7
130	A seminaphthorhodafluor-based near-infrared fluorescent probe for hydrazine and its bioimaging in living systems. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 223, 117307.	2.0	16
131	Red-Emitting Ratiometric Fluorescence Chemodosimeter for the Discriminative Detection of Aromatic and Aliphatic Amines. <i>ChemistrySelect</i> , 2019, 4, 7486-7494.	0.7	9
132	Rapid sulfite screening using nitrobenzofurazan anchored asymmetric naphthorhodamine via electrostatic attraction mediated reaction kinetics. <i>Sensors and Actuators B: Chemical</i> , 2019, 297, 126748.	4.0	3
133	Molecular Tweezers-like Calix[4]arene Based Alkaline Earth Metal Cation (Ca <sup>2+</sup> ), Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 507 <i>Inorganic Chemistry</i> , 2019, 58, 14720-14727.	1.9	8
134	Design and Applications of Small Molecular Probes for Calcium Detection. <i>Chemistry - an Asian Journal</i> , 2019, 14, 4493-4505.	1.7	21
135	A Light-Up Fluorescent Probe for Detection of Formaldehyde in Serum and Gaseous Based on d-â€PeT Process. <i>ChemistrySelect</i> , 2019, 4, 9622-9626.	0.7	15
136	Sensitive Fluorescence Detection of Phthalates by Suppressing the Intramolecular Motion of Nitrophenyl Groups in Porous Crystalline Ribbons. <i>Analytical Chemistry</i> , 2019, 91, 13355-13359.	3.2	18
137	Recent Progress in the Development of Fluorescent Probes for Thiophenol. <i>Molecules</i> , 2019, 24, 3716.	1.7	22
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272	A simple turn-on fluorescent chemosensor based on Schiff base-terminated water-soluble polymer for selective detection of Al <sup>3+</sup> in 100% aqueous solution. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 214, 436-444.	2.0	21
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279	A near-infrared fluorescent probe for the ratiometric detection and living cell imaging of $\beta$ -galactosidase. <i>Analytical and Bioanalytical Chemistry</i> , 2019, 411, 7957-7966.	1.9	18
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330	Sensitive sensing of enzyme-regulated biocatalytic reactions using gold nanoclusters-melanin-like polymer nanosystem. <i>Sensors and Actuators B: Chemical</i> , 2019, 279, 281-288.	4.0	9
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340	A highly selective phenothiazine-based fluorescent chemosensor for phosgene. <i>Dyes and Pigments</i> , 2020, 173, 107933.	2.0	39
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