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Far-red to near infrared analyte-responsive fluorescent probes based on organic fluorophore platforms for fluorescence imaging

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1534	Colorimetric and ratiometric fluorescent detection of sulfite in water via cationic surfactant-promoted addition of sulfite to $\alpha$ -unsaturated ketone. <b>2013</b> , 788, 165-70		101
1533	A highly selective and sensitive near-infrared fluorescence probe for arylamine N-acetyltransferase 2 in vitro and in vivo. <b>2013</b> , 4, 2936		59
1532	A water-soluble and specific BODIPY-based fluorescent probe for hypochlorite detection and cell imaging. <b>2013</b> , 5, 5589		61
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1192	□Meso Covalently linked AzaBODIPY-Pd(II) Dipyrin Conjugate. <b>2016</b> , 1, 94-100	5
1191	Dicyanomethylene-benzopyran-based alkynyl conjugatable nearinfrared fluorescent probe for detection of fluoride anion. <b>2016</b> , 1, 114-118	3
1190	Hg <sup>2+</sup> -selective fluorogenic signaling probe based on the hydrolysis of hydrazone. <b>2016</b> , 57, 4360-4363	6
1189	Sulfone-Rhodamines: A New Class of Near-Infrared Fluorescent Dyes for Bioimaging. <b>2016</b> , 8, 22953-62	89
1188	A series of tetraphenylethene-based benzimidazoles: syntheses, structures, aggregation-induced emission and reversible mechanochromism. <b>2016</b> , 6, 79871-79878	15
1187	A highly selective and sensitive near-infrared fluorescent probe for imaging of hydrogen sulphide in living cells and mice. <b>2016</b> , 6, 18868	47
1186	A near-infrared fluorescent probe based on chloroacetate modified naphthofluorescein for selectively detecting cysteine/homocysteine and its application in living cells. <b>2016</b> , 15, 1393-1399	11
1185	Near-infrared fluorescence of □conjugation extended benzothiazole and its application for biothiol imaging in living cells. <b>2016</b> , 4, 6662-6669	30
1184	Aggregation induced emission controlled by a temperature-sensitive organic□inorganic hybrid polymer with a particular LCST. <b>2016</b> , 6, 86012-86018	10
1183	Strained alkyne substituted near infrared BF <sub>2</sub> azadipyrromethene fluorochrome. <b>2016</b> , 6, 87373-87379	4
1182	Highly Emissive Far Red/Near-IR Fluorophores Based on Borylated Fluorene-Benzothiadiazole Donor-Acceptor Materials. <b>2016</b> , 22, 12439-48	28
1181	Synthesis and photophysical studies of new benzo[a]phenoxazinium chlorides as potential antifungal agents. <b>2016</b> , 57, 3936-3941	10
1180	Synthesis of figure-of-eight helical bisBODIPY macrocycles and their chiroptical properties. <b>2016</b> , 52, 10727-30	57
1179	Rational Design of an □Ketoamide-Based Near-Infrared Fluorescent Probe Specific for Hydrogen Peroxide in Living Systems. <b>2016</b> , 88, 8019-25	107
1178	□Extended diketopyrrolopyrrole-porphyrin arrays: one- and two-photon photophysical investigations and theoretical studies. <b>2016</b> , 18, 21954-65	26
1177	Near-infrared asymmetrical heptamethine cyanines specifically imaging cancer cells by sensing their acidic lysosomal lumen. <b>2016</b> , 6, 68220-68226	1
1176	A mesoporous fluorescent sensor based on ZnO nanorods for the fluorescent detection and selective recognition of tetracycline. <b>2016</b> , 6, 71061-71069	17

1175	UV-assisted synthesis of long-wavelength Si-pyrone fluorescent dyes for real-time and dynamic imaging of glutathione fluctuation in living cells. <b>2016</b> , 4, 4826-4831	20
1174	Bio-/Chemosensors and Imaging with Aggregation-Induced Emission Luminogens. <b>2016</b> , 16, 2142-60	39
1173	The Rise of Near-Infrared Emitters: Organic Dyes, Porphyrinoids, and Transition Metal Complexes. <b>2016</b> , 374, 47	47
1172	Dual-Modal Colorimetric/Fluorescence Molecular Probe for Ratiometric Sensing of pH and Its Application. <b>2016</b> , 88, 8332-8	56
1171	Syntheses and Photophysical Properties of meso-Phenylene ridged Boron Dipyrromethene Monomers, Dimers and Trimer. <b>2016</b> , 34, 989-996	11
1170	A Switch-On NIR Probe for Specific Detection of Hg Ion in Aqueous Medium and in Mitochondria. <b>2016</b> , 55, 12052-12060	40
1169	An effective colorimetric and ratiometric fluorescent probe based FRET with a large Stokes shift for bisulfite. <b>2016</b> , 6, 25315	49
1168	Near-Infrared Photoacoustic Imaging Probe Responsive to Calcium. <b>2016</b> , 88, 10785-10789	49
1167	Sandwich-type porous carbon/sulfur/polyaniline composite as cathode material for high-performance lithium-sulfur batteries. <b>2016</b> , 6, 104591-104596	17
1166	A novel rosamine-based fluorescent probe for bisulfite in aqueous solution. <b>2016</b> , 6, 103905-103909	26
1165	A novel triphenylamine-BODIPY dendron: click synthesis, near-infrared emission and a multi-channel chemodosimeter for Hg and Fe. <b>2016</b> , 4, 7549-7559	40
1164	Aromatic Ring Fused BOPHYs as Stable Red Fluorescent Dyes. <b>2016</b> , 81, 11316-11323	37
1163	A mitochondria-targeted near-infrared probe for colorimetric and ratiometric fluorescence detection of hypochlorite in living cells. <b>2016</b> , 6, 107525-107532	33
1162	A dinuclear ruthenium(II) complex as turn-on luminescent probe for hypochlorous acid and its application for in vivo imaging. <b>2016</b> , 6, 29065	12
1161	Lysosome triggered near-infrared fluorescence imaging of cellular trafficking processes in real time. <b>2016</b> , 7, 10855	129
1160	A Selective Near-Infrared Fluorescent Probe for In Vivo Imaging of Thiophenols from a Focused Library. <b>2016</b> , 11, 3575-3582	28
1159	Design of a Water Soluble Fluorescent 3-Hydroxy-4-Pyridinone Ligand Active at Physiological pH Values. <b>2016</b> , 26, 1773-85	2
1158	A Near Infrared Cyanine-Based Fluorescent Probe for Highly Selectively Detecting Glutathione in Living Cells. <b>2016</b> , 34, 594-598	26

1157	One- and two-photon-induced isomerization of styryl compounds possessing A-BA <sup>2</sup> structure. <b>2016</b> , 132, 237-247	6
1156	A novel near-infrared fluorescent probe for H <sub>2</sub> O <sub>2</sub> in alkaline environment and the application for H <sub>2</sub> O <sub>2</sub> imaging in vitro and in vivo. <b>2016</b> , 100, 162-71	53
1155	Hemicyanine dyes linked with quaternary ammonium group: Near-infrared probes for the detection of nucleic acid. <b>2016</b> , 236, 627-634	10
1154	Fluorescence Probe Based on Hybrid Mesoporous Silica/Quantum Dot/Molecularly Imprinted Polymer for Detection of Tetracycline. <b>2016</b> , 8, 16248-56	115
1153	A spiropyran-based fluorescent probe for the specific detection of $\beta$ -amyloid peptide oligomers in Alzheimer's disease. <b>2016</b> , 52, 8865-8	64
1152	A HClO-specific near-infrared fluorescent probe for determination of Myeloperoxidase activity and imaging mitochondrial HClO in living cells. <b>2016</b> , 86, 68-74	63
1151	Multifunctional gold nanocomposites designed for targeted CT/MR/optical trimodal imaging of human non-small cell lung cancer cells. <b>2016</b> , 8, 13568-73	19
1150	Fullerene/photosensitizer nanovesicles as highly efficient and clearable phototheranostics with enhanced tumor accumulation for cancer therapy. <b>2016</b> , 103, 75-85	55
1149	808 nm Light-triggered and hyaluronic acid-targeted dual-photosensitizers nanoplatfrom by fully utilizing Nd(3+)-sensitized upconversion emission with enhanced anti-tumor efficacy. <b>2016</b> , 101, 32-46	150
1148	Single excited state intramolecular proton transfer (ESIPT) chemodosimeter based on rhodol for both Hg <sup>2+</sup> and OCl <sup>-</sup> ratiometric detection with live-cell imaging. <b>2016</b> , 6, 57417-57423	40
1147	Synthesis, structure and properties of thiophene-fused BODIPYs and azaBODIPYs as near-infrared agents. <b>2016</b> , 40, 5966-5975	20
1146	Synthesis, structure and photophysical properties of near-infrared 3,5-diarylbenzoBODIPY fluorophores. <b>2016</b> , 6, 52180-52188	10
1145	Synthesis and Characterization of Water-Soluble Conjugated Oligoelectrolytes for Near-Infrared Fluorescence Biological Imaging. <b>2016</b> , 8, 15937-47	23
1144	Functionalized Paddle Wheel Complexes from BODIPY Carboxylic Acids. <b>2016</b> , 642, 107-117	5
1143	Regioselective and Stepwise Syntheses of Functionalized BODIPY Dyes through Palladium-Catalyzed Cross-Coupling Reactions and Direct C-H Arylations. <b>2016</b> , 81, 6281-91	41
1142	A Dual Colorimetric/Fluorescence System for Determining pH Based on the Nucleophilic Addition Reaction of an o-Hydroxymerocyanine Dye. <b>2016</b> , 22, 1239-43	27
1141	A Lysosome-Compatible Near-Infrared Fluorescent Probe for Targeted Monitoring of Nitric Oxide. <b>2016</b> , 22, 5649-56	41
1140	A Fluorescent Probe for Ratiometric Imaging of SO <sub>2</sub> Derivatives in Mitochondria of Living Cells. <b>2016</b> , 55, 1477-1483	73



1139	Extra-luminal detection of assumed colonic tumor site by near-infrared laparoscopy. <b>2016</b> , 30, 4153-9	7
1138	Synthesis and photophysical properties of a new BODIPY-based siloxane dye. <b>2016</b> , 57, 979-982	25
1137	Parallel folding topology-selective label-free detection and monitoring of conformational and topological changes of different G-quadruplex DNAs by emission spectral changes FRET of PPE-Ala-Pt(II) complex ensemble. <b>2016</b> , 7, 2842-2855	19
1136	Carboxylic Carbon Quantum Dots as a Fluorescent Sensing Platform for DNA Detection. <b>2016</b> , 8, 1951-7	216
1135	A novel solvent-dependently bifunctional NIR absorptive and fluorescent ratiometric probe for detecting Fe <sup>3+</sup> /Cu <sup>2+</sup> and its application in bioimaging. <b>2016</b> , 224, 661-667	75
1134	A fast-responsive two-photon fluorescent probe for detecting palladium(0) with a large turn-on fluorescence signal. <b>2016</b> , 317, 108-114	17
1133	An expedient synthesis of N,N-dialkylamino-dihydroxanthene-pyrylium conjugated near-infrared fluorescent dyes. <b>2016</b> , 57, 317-320	16
1132	A colorimetric and near-infrared fluorescent turn-on probe for rapid detection of sulfite. <b>2016</b> , 231, 752-758	64
1131	Non-symmetric benzo[b]-fused BODIPYs as a versatile fluorophore platform reaching the NIR: a systematic study of the underlying structure-property relationship. <b>2016</b> , 45, 7589-604	18
1130	Reversible and Dynamic Fluorescence Imaging of Cellular Redox Self-Regulation Using Fast-Responsive Near-Infrared Ge-Pyrone. <b>2016</b> , 8, 8991-7	27
1129	A novel carbazole-based mitochondria-targeted ratiometric fluorescent probe for bisulfite in living cells. <b>2016</b> , 6, 18662-18666	39
1128	Lanthanide-based luminescence biolabelling. <b>2016</b> , 52, 5080-95	146
1127	Protein-Coupled Fluorescent Probe To Visualize Potassium Ion Transition on Cellular Membranes. <b>2016</b> , 88, 2693-700	45
1126	Surface modification and ratiometric fluorescence dual function enhancement for visual and fluorescent detection of glucose based on dual-emission quantum dots hybrid. <b>2016</b> , 230, 70-76	47
1125	A multi-responsive cyanine-based colorimetric chemosensor containing dipicolylamine moieties for the detection of Zn(II) and Cu(II) ions. <b>2016</b> , 230, 40-45	32
1124	A red-emitting fluorescent probe based on flavone for hydrazine detection and its application in aqueous solution. <b>2016</b> , 8, 2267-2273	31
1123	A highly selective fluorescent and colorimetric chemosensor for Hg <sup>2+</sup> based on a new rhodamine derivative. <b>2016</b> , 8, 1964-1967	23
1122	A depropargylation-triggered spontaneous cyclization based fluorescent Turn-on chemodosimeter for the detection of palladium ions and its application in live-cell imaging. <b>2016</b> , 6, 8380-8383 <sup>32</sup>	



1121	Surface molecular imprinting on CdTe quantum dots for fluorescence sensing of 4-nitrophenol. <b>2016</b> , 8, 2226-2232	24
1120	Photoswitching Near-Infrared Fluorescence from Polymer Nanoparticles Catapults Signals over the Region of Noises and Interferences for Enhanced Sensitivity. <b>2016</b> , 8, 4399-406	14
1119	A porphyrin-based near-infrared fluorescent sensor for sulfur ion detection and its application in living cells. <b>2016</b> , 228, 673-678	29
1118	Broadly Applicable Strategy for the Fluorescence Based Detection and Differentiation of Glutathione and Cysteine/Homocysteine: Demonstration in Vitro and in Vivo. <b>2016</b> , 88, 3638-46	142
1117	Near-Infrared Fluorescence Probe for in Situ Detection of Superoxide Anion and Hydrogen Polysulfides in Mitochondrial Oxidative Stress. <b>2016</b> , 88, 4122-9	131
1116	A rapid-response fluorescent probe for the sensitive and selective detection of human albumin in plasma and cell culture supernatants. <b>2016</b> , 52, 6064-7	50
1115	Selectively detecting Hg <sup>2+</sup> [A mercury quick test] with bis-(coumarin-6-thiolene) niccolate. <b>2016</b> , 445, 149-154	11
1114	An ICT-based ratiometric fluorescent probe for hydrazine detection and its application in living cells and in vivo. <b>2016</b> , 227, 411-418	79
1113	A unique approach toward near-infrared fluorescent probes for bioimaging with remarkably enhanced contrast. <b>2016</b> , 7, 2275-2285	106
1112	Synthetic fluorescent probes to map metallostasis and intracellular fate of zinc and copper. <b>2016</b> , 311, 125-167	68
1111	Design of NIR Chromenylum-Cyanine Fluorophore Library for "Switch-ON" and Ratiometric Detection of Bio-Active Species In Vivo. <b>2016</b> , 88, 1842-9	57
1110	Hybrid polymeric nano-capsules loaded with gold nanoclusters and indocyanine green for dual-modal imaging and photothermal therapy. <b>2016</b> , 4, 910-919	35
1109	Nanoparticles with Near-Infrared Emission Enhanced by Pillararene-Based Molecular Recognition in Water. <b>2016</b> , 138, 80-3	234
1108	Fast-response and highly selective fluorescent probes for biological signaling molecule NO based on N-nitrosation of electron-rich aromatic secondary amines. <b>2016</b> , 78, 11-9	57
1107	Cyclic RGD targeting cisplatin micelles for near-infrared imaging-guided chemotherapy. <b>2016</b> , 6, 1151-1157	13
1106	Synthesis, NMR, X-ray and UV/Vis characterization and preliminary luminescence study of some boron- $\beta$ -iminoenolates having 6-aminocoumarin moiety. <b>2016</b> , 802, 60-71	12
1105	An ultrasensitive near-infrared ratiometric fluorescent probe for imaging mitochondrial polarity in live cells and. <b>2016</b> , 7, 1588-1593	108
1104	Synthesis of NIR fluorescent thienyl-containing aza-BODIPY and its application for detection of Hg <sup>2+</sup> : Electron transfer by bonding with Hg <sup>2+</sup> . <b>2016</b> , 125, 136-141	41

1103	A novel near-infrared fluorescent platform with good photostability and the application for a reaction-based Cu(2+) probe in living cells. <b>2016</b> , 147, 193-8	27
1102	A highly selective near-infrared fluorescent probe for imaging HSe in living cells and. <b>2016</b> , 7, 1051-1056	53
1101	A series of novel NIR fluorescent dyes: Synthesis, theoretical calculations and fluorescence imaging applications in living cells. <b>2016</b> , 125, 220-228	14
1100	Turn-On Near-Infrared Fluorescent Sensor for Selectively Imaging Serotonin. <b>2016</b> , 7, 21-5	28
1099	A FRET-based ratiometric two-photon fluorescent probe for dual-channel imaging of nitroxyl in living cells and tissues. <b>2016</b> , 52, 733-6	61
1098	Development of a red fluorescent light-up probe for highly selective and sensitive detection of vicinal dithiol-containing proteins in living cells. <b>2016</b> , 7, 518-524	25
1097	Dumbbell-shaped carbon quantum dots/AuNCs nanohybrid as an efficient ratiometric fluorescent probe for sensing cadmium (II) ions and l-ascorbic acid. <b>2016</b> , 96, 1034-1042	145
1096	A highly sensitive near-infrared ratiometric fluorescent probe for detecting nitroreductase and cellular imaging. <b>2016</b> , 222, 419-424	43
1095	Photophysical characterization and BSA interaction of the direct ring carboxy functionalized unsymmetrical NIR cyanine dyes. <b>2017</b> , 140, 6-13	13
1094	A smart NIR fluorescent probe for the highly selective detection of palladium. <b>2017</b> , 7, 6583-6586	21
1093	Norcyanine dyes with benzo[c,d]indolium moiety: Spectral sensitivity with pH change for fluorescence pH imaging in living cells. <b>2017</b> , 166, 239-245	3
1092	Direct white-light-emitting and near-infrared phosphorescence of zeolitic imidazolate framework-8. <b>2017</b> , 53, 1801-1804	73
1091	Fluorogenic boronate-based probe-lactulose complex for full-aqueous analysis of peroxynitrite. <b>2017</b> , 165, 593-597	24
1090	A phenothiazine coumarin-based red emitting fluorescent probe for nanomolar detection of thiophenol with a large Stokes shift. <b>2017</b> , 245, 702-710	50
1089	Rational Design of a Red-Emissive Fluorophore with AIE and ESIPT Characteristics and Its Application in Light-Up Sensing of Esterase. <b>2017</b> , 89, 3162-3168	112
1088	A Dual-Modal SERS/Fluorescence Gold Nanoparticle Probe for Mitochondrial Imaging. <b>2017</b> , 82, 674-680	7
1087	A novel ratiometric fluorescent probe for selective detection of bisulfite in living cells. <b>2017</b> , 7, 2573-2577	29
1086	Highly specific noninvasive photoacoustic and positron emission tomography of brain plaque with functionalized croconium dye labeled by a radiotracer. <b>2017</b> , 8, 2710-2716	41

1085	Modulated emission from dark triplet excitons in aza-acene compounds: fluorescence versus phosphorescence. <b>2017</b> , 41, 1864-1871	7
1084	In vivo near-infrared fluorescence imaging of amyloid- $\beta$ plaques with a dicyanoisophorone-based probe. <b>2017</b> , 961, 112-118	27
1083	A non-covalent "click chemistry" strategy to efficiently coat highly porous MOF nanoparticles with a stable polymeric shell. <b>2017</b> , 1861, 1606-1616	27
1082	Platinum(II) Ring-Fused Chlorins as Near-Infrared Emitting Oxygen Sensors and Photodynamic Agents. <b>2017</b> , 8, 310-315	38
1081	A Zn <sup>2+</sup> -coordinated boronate dipyrin as a chemodosimeter toward hydrogen peroxide. <b>2017</b> , 5, 3684-3691	8
1080	A water-soluble near-infrared (NIR) fluorescence activation probe for efficient detection of dissolved carbon dioxide. <b>2017</b> , 246, 631-637	17
1079	A new ESIPT-based fluorescent probe for highly selective and sensitive detection of HClO in aqueous solution. <b>2017</b> , 58, 1301-1304	15
1078	Self-restricted oxazolone GFP chromophore for construction of reaction-based fluorescent probe toward dopamine. <b>2017</b> , 3, 73-81	4
1077	Coumarin-Based Boron Complexes with Aggregation-Induced Emission. <b>2017</b> , 82, 3456-3462	44
1076	A near-infrared turn on fluorescent probe for biothiols detection and its application in living cells. <b>2017</b> , 246, 988-993	40
1075	Semiconducting polymer dots with bright narrow-band emission at 800 nm for biological applications. <b>2017</b> , 8, 3390-3398	52
1074	Near-infrared probes based on fluorinated Si-rhodamine for live cell imaging. <b>2017</b> , 7, 10922-10927	5
1073	Fluorescent nanoprobe for in-vivo ratiometric imaging of endogenous hydrogen peroxide resulted from drug-induced organ damages. <b>2017</b> , 94, 278-285	40
1072	Functionalized AIE nanoparticles with efficient deep-red emission, mitochondrial specificity, cancer cell selectivity and multiphoton susceptibility. <b>2017</b> , 8, 4634-4643	53
1071	pH-Triggered Disaggregation-Induced Emission (DIE) probe for sensing minor-pH changes in near infrared fluorescence region. <b>2017</b> , 170, 185-192	9
1070	A highly selective long-wavelength fluorescent probe for hydrazine and its application in living cell imaging. <b>2017</b> , 184, 355-360	25
1069	A Ratiometric and near-Infrared Fluorescent Probe for Imaging Cu in Living Cells and Animals. <b>2017</b> , 27, 1655-1660	1
1068	Design and expeditious synthesis of organosilanes as potent antivirals targeting multidrug-resistant influenza A viruses. <b>2017</b> , 135, 70-76	23

1067	Development of a fast-responsive two-photon fluorescent probe for aminothiols and its application in living tissues. <b>2017</b> , 343, 26-32	10
1066	A novel near-infrared fluorescent probe with a large Stokes shift for biothiol detection and application in in vitro and in vivo fluorescence imaging. <b>2017</b> , 5, 3836-3841	40
1065	Near-infrared fluorescent dyes with large Stokes shifts: light generation in BODIPYs undergoing excited state intramolecular proton transfer. <b>2017</b> , 15, 4072-4076	12
1064	A Near-Infrared Dye That Undergoes Multiple Interconversions through AcidBase Equilibrium and Reversible Redox Processes. <b>2017</b> , 129, 6952-6956	3
1063	Near-Infrared Fluorescent Turn-on Probe with a Remarkable Large Stokes Shift for Imaging Selenocysteine in Living Cells and Animals. <b>2017</b> , 89, 6106-6112	87
1062	Ca-NIR: a ratiometric near-infrared calcium probe based on a dihydroxanthene-hemicyanine fluorophore. <b>2017</b> , 53, 6117-6120	19
1061	Rational Development of Near-Infrared Fluorophores with Large Stokes Shifts, Bright One-Photon, and Two-Photon Emissions for Bioimaging and Biosensing Applications. <b>2017</b> , 23, 8736-8740	43
1060	A Near-Infrared Dye That Undergoes Multiple Interconversions through Acid-Base Equilibrium and Reversible Redox Processes. <b>2017</b> , 56, 6848-6852	7
1059	Near infrared two photon imaging using a bright cationic Yb(iii) bioprobe spontaneously internalized into live cells. <b>2017</b> , 53, 6005-6008	49
1058	In vivo imaging of alkaline phosphatase in tumor-bearing mouse model by a promising near-infrared fluorescent probe. <b>2017</b> , 175, 421-426	41
1057	A phenazine-barbituric acid based colorimetric and ratiometric near-infrared fluorescent probe for sensitively differentiating biothiols and its application in TiO sensor devices. <b>2017</b> , 53, 5760-5763	25
1056	A reactive primary fluorescence switch-on sensor for Hg <sup>2+</sup> and the generated fluorophore as secondary recognition receptor toward Cu <sup>2+</sup> in aqueous acetonitrile solution. <b>2017</b> , 343, 7-16	6
1055	Sensitive fluorescent detection of fibrin based on the inner filter effect of gold nanoparticles. <b>2017</b> , 7, 23422-23426	5
1054	A near-infrared fluorescent probe for Cu <sup>2+</sup> in living cells based on coordination effect. <b>2017</b> , 243, 36-42	33
1053	An aza-coumarin-hemicyanine based near-infrared fluorescent probe for rapid, colorimetric and ratiometric detection of bisulfite in food and living cells. <b>2017</b> , 243, 51-58	73
1052	Comparative study on the photovoltaic characteristics of AD <sub>4</sub> and DAD molecules based on Zn-porphyrin; a DAD molecule with over 8.0% efficiency. <b>2017</b> , 5, 1057-1065	42
1051	A family of multi-color anthracene carboxyimides: Synthesis, spectroscopic properties, solvatochromic fluorescence and bio-imaging application. <b>2017</b> , 139, 166-173	27
1050	Highly Selective Fluorescent Probe for Imaging HSe in Living Cells and in Vivo Based on the Disulfide Bond. <b>2017</b> , 89, 688-693	25

1049	Cu 2+ -selective turn-on fluorescence signaling based on metal-induced hydrolysis of pyrenecarbohydrazide. <b>2017</b> , 58, 2927-2930	5
1048	Development and validation of an HPLC-fluorescence method for the quantification of IR780-oleyl dye in lipid nanoparticles. <b>2017</b> , 532, 779-789	6
1047	Ru(II)-Catalyzed Regiospecific C-H/O-H Oxidative Annulation to Access Isochromeno[8,1-]phenazines: Far-Red Fluorescence and Live Cancer Cell Imaging. <b>2017</b> , 2, 2694-2705	10
1046	Synthetically simple, click-generated quinoline-based Fe sensors. <b>2017</b> , 5, 024015	2
1045	Boron difluoride hemicurcuminoid as an efficient far red to near-infrared emitter: toward OLEDs and laser dyes. <b>2017</b> , 53, 7003-7006	62
1044	Imidazo[1,5-b]pyridine-derived fluorescent turn-on probe for cellular thiols imaging with a large Stokes shift. <b>2017</b> , 58, 2654-2657	19
1043	Facile and Sensitive Near-Infrared Fluorescence Probe for the Detection of Endogenous Alkaline Phosphatase Activity In Vivo. <b>2017</b> , 89, 6854-6860	128
1042	A molecular imprinting fluorescence sensor based on quantum dots and a mesoporous structure for selective and sensitive detection of 2,4-dichlorophenoxyacetic acid. <b>2017</b> , 252, 934-943	59
1041	An unprecedented amplification of near-infrared emission in a Bodipy derived system by stress or gelation. <b>2017</b> , 8, 5644-5649	44
1040	Controlling the excited-state dynamics of low band gap, near-infrared absorbers proquinoidal unit electronic structural modulation. <b>2017</b> , 8, 5889-5901	14
1039	Detection of thiophenol in buffer, in serum, on filter paper strip, and in living cells using a red-emitting amino phenothiazine boranil based fluorescent probe with a large Stokes shift. <b>2017</b> , 73, 4529-4537	9
1038	Synthesis, Properties, and Semiconducting Characteristics of BF Complexes of [1,1'-Bisphenanthrene-Fused Azadipyrromethenes. <b>2017</b> , 19, 2893-2896	40
1037	G-quadruplex DNA fluorescence sensing by a bis-amine-substituted styrylquinolinium dye. <b>2017</b> , 145, 1-6	11
1036	Ratiometric Fluorescent Probe for Lysosomal pH Measurement and Imaging in Living Cells Using Single-Wavelength Excitation. <b>2017</b> , 89, 7038-7045	109
1035	Triethylene glycol-modified iridium(III) complexes for fluorescence imaging of Schistosoma japonicum. <b>2017</b> , 5, 4973-4980	5
1034	Microwave-assisted Diels-Alder reaction for rapid synthesis of luminescent nanodiamond with AIE-active dyes and their biomedical applications. <b>2017</b> , 197, 256-265	10
1033	Ratiometric Fluorescent Probes for the Detection of Reactive Oxygen Species. <b>2017</b> , 23, 13549-13573	76
1032	Simultaneous Fluorescence and Chemiluminescence Turned on by Aggregation-Induced Emission for Real-Time Monitoring of Endogenous Superoxide Anion in Live Cells. <b>2017</b> , 89, 7210-7215	62

1031	Improving the brightness and photostability of NIR fluorescent silica nanoparticles through rational fine-tuning of the covalent encapsulation methods. <b>2017</b> , 5, 5278-5283	25
1030	NIR fluorescence detection of dopamine using 3-aminophenyl boronic acid-functionalized and lysozyme-templated gold nanoclusters. <b>2017</b> , 9, 3414-3417	3
1029	Self-Assembled Carbon Dot Nanosphere: A Robust, Near-Infrared Light-Responsive, and Vein Injectable Photosensitizer. <b>2017</b> , 6, 1601419	34
1028	A reductant-resistant ratiometric, colorimetric and far-red fluorescent probe for rapid and ultrasensitive detection of nitroxyl. <b>2017</b> , 5, 3557-3564	24
1027	Novel Dual BODIPY-Carbazole Conjugates with Various Linkers. <b>2017</b> , 70, 806	1
1026	Selective Dual-Channel Imaging on Cyanostyryl-Modified Azulene Systems with Unimolecularly Tunable Visible-Near Infrared Luminescence. <b>2017</b> , 23, 7642-7647	62
1025	Molecular engineering of two-photon fluorescent probes for bioimaging applications. <b>2017</b> , 5, 012003	53
1024	Sterically Protected NO-Type Benzopyrromethene Boron Complexes from Boronic Acids with Intense Red/Near-Infrared Fluorescence. <b>2017</b> , 19, 2026-2029	36
1023	Near-infrared emitting iridium(iii) complexes for mitochondrial imaging in living cells. <b>2017</b> , 46, 4777-4785	34
1022	Rapidly Responsive and Highly Selective Fluorescent Probe for Bisulfite Detection in Food. <b>2017</b> , 65, 2883-2887	59
1021	A new ESIPT-based fluorescent probe for highly selective and sensitive detection of hydrogen sulfide and its application in live-cell imaging. <b>2017</b> , 41, 1119-1123	16
1020	A new endoplasmic reticulum-targeted two-photon fluorescent probe for imaging of superoxide anion in diabetic mice. <b>2017</b> , 91, 449-455	66
1019	Near-Infrared Probe Based on Rhodamine Derivative for Highly Sensitive and Selective Lysosomal pH Tracking. <b>2017</b> , 89, 1922-1929	105
1018	One-Pot Preparation of Non-Symmetric meso-Aryl-BODIPYs: Functional Derivatives with Unusual Reactivity. <b>2017</b> , 2017, 77-86	8
1017	A NIR phosphorescent osmium(ii) complex as a lysosome tracking reagent and photodynamic therapeutic agent. <b>2017</b> , 53, 12341-12344	38
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1015	A highly selective fluorescence turn-on detection of CLO with 1-methyl-1,2-dihydropyridine-2-thione unit modified tetraphenylethylene. <b>2017</b> , 53, 11654-11657	34
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1009	Near-Infrared Emissive Discrete Platinum(II) Metallacycles: Synthesis and Application in Ammonia Detection. <b>2017</b> , 19, 5728-5731	29
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995	Synthesis, Assembly, and Applications of Hybrid Nanostructures for Biosensing. <b>2017</b> , 117, 12942-13038	191
994	An O <sub>2</sub> Self-Supplementing and Reactive-Oxygen-Species-Circulating Amplified Nanoplatfom via H <sub>2</sub> O/H <sub>2</sub> O <sub>2</sub> Splitting for Tumor Imaging and Photodynamic Therapy. <b>2017</b> , 27, 1700626	135
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842	Near-infrared off-on fluorescent probe for fast and selective detection of palladium (II) in living cells. <b>2018</b> , 355, 158-164	11
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