

Highly Sensitive Fluorescence Probes for Nitric Oxide B
Chromophore Rational Design of Potentially Useful Bioi

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Citation Report

#	ARTICLE	IF	CITATIONS
4	Rational design of novel photoinduced electron transfer type fluorescent probes for sodium cation. <i>Tetrahedron</i> , 2004, 60, 11067-11073.	1.0	29
5	Boron-Complexation Strategy for Use with 1-Acyldipyrromethanes. <i>Journal of Organic Chemistry</i> , 2004, 69, 5354-5364.	1.7	27
6	Improvement of Fluorescence Characteristics of Coumarins: Syntheses and Fluorescence Properties of 6-Methoxycoumarin and Benzocoumarin Derivatives as Novel Fluorophores Emitting in the Longer Wavelength Region and Their Application to Analytical Reagents. <i>Chemical and Pharmaceutical Bulletin</i> , 2005, 53, 750-758.	0.6	78
7	Covalent bond formation as an analytical tool to optically detect neutral and anionic analytes. <i>Sensors and Actuators B: Chemical</i> , 2005, 107, 2-13.	4.0	50
8	Design and development of a fluorescent probe for monitoring hydrogen peroxide using photoinduced electron transfer. <i>Bioorganic and Medicinal Chemistry</i> , 2005, 13, 1131-1139.	1.4	84
9	Supramolecular design of photocurrent-generating devices using fullerenes aimed at modelling artificial photosynthesis. <i>Tetrahedron</i> , 2005, 61, 4881-4899.	1.0	105
10	Charge Separation in a Nonfluorescent Donor-Acceptor Dyad Derived from Boron Dipyrromethene Dye, Leading to Photocurrent Generation. <i>Journal of Physical Chemistry B</i> , 2005, 109, 15368-15375.	1.2	224
11	Highly Efficient and Photostable Photosensitizer Based on BODIPY Chromophore. <i>Journal of the American Chemical Society</i> , 2005, 127, 12162-12163.	6.6	733
12	Boron dipyrromethene fluorophore based fluorescence sensor for the selective imaging of Zn(ii) in living cells. <i>Organic and Biomolecular Chemistry</i> , 2005, 3, 1387.	1.5	204
13	Isolation of Phlorin-Dipyrin Conjugates from the Acid-Catalyzed Condensation of Dipyrromethanes and Aldehydes. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3314-3318.	1.2	14
14	Imaging the nanomolar range of nitric oxide with an amplifier-coupled fluorescent indicator in living cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 14515-14520.	3.3	77
15	Five-membered ring systems: pyrroles and benzo derivatives. <i>Progress in Heterocyclic Chemistry</i> , 2005, 17, 109-141.	0.5	17
16	On-Bead Fluorescence Assay for Serine/Threonine Kinases. <i>Organic Letters</i> , 2005, 7, 5565-5568.	2.4	26
17	BODIPY-Based Hydroxyaryl Derivatives as Fluorescent pH Probes. <i>Journal of Organic Chemistry</i> , 2005, 70, 4152-4157.	1.7	316
18	Highly Sensitive Near-Infrared Fluorescent Probes for Nitric Oxide and Their Application to Isolated Organs. <i>Journal of the American Chemical Society</i> , 2005, 127, 3684-3685.	6.6	380
19	Sol-Gel Derived Amperometric Nitric Oxide Microsensor. <i>Analytical Chemistry</i> , 2005, 77, 3494-3501.	3.2	51
20	Novel Spiro-Configured PET Chromophores Incorporating 4,5-Diazafluorene Moiety as an Electron Acceptor. <i>Organic Letters</i> , 2006, 8, 3501-3504.	2.4	32
21	Boron dipyrromethene dyes: a rational avenue for sensing and light emitting devices. <i>Dalton Transactions</i> , 2006, , 2913.	1.6	29

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22	Mechanism-Based Molecular Design of Highly Selective Fluorescence Probes for Nitritative Stress. <i>Journal of the American Chemical Society</i> , 2006, 128, 10640-10641.	6.6	324
23	First Synthesis of Free Cholesterol ⁺ BODIPY Conjugates. <i>Journal of Organic Chemistry</i> , 2006, 71, 1718-1721.	1.7	174
24	Rapid Energy Transfer in Cascade-Type Bodipy Dyes. <i>Journal of the American Chemical Society</i> , 2006, 128, 10868-10875.	6.6	145
25	Sensitive and Selective PET-Based Diimidazole Luminophore for ZnII Ions: A Structure-Activity Correlation. <i>Inorganic Chemistry</i> , 2006, 45, 5315-5320.	1.9	28
26	Electron Transfer in Self-Assembled Orthogonal Structures. <i>Journal of Physical Chemistry A</i> , 2006, 110, 7994-8002.	1.1	65
27	Synthesis, Structures, and Photoinduced Electron Transfer Reaction in the 9,9 ⁻ -Spirobifluorene-Bridged Bipolar Systems. <i>Journal of Organic Chemistry</i> , 2006, 71, 456-465.	1.7	63
28	Signal Ratio Amplification via Modulation of Resonance Energy Transfer: Proof of Principle in an Emission Ratiometric Hg(II) Sensor. <i>Journal of the American Chemical Society</i> , 2006, 128, 14474-14475.	6.6	387
29	Isocyanate-, Isothiocyanate-, Urea-, and Thiourea-Substituted Boron Dipyrromethene Dyes as Fluorescent Probes. <i>Journal of Organic Chemistry</i> , 2006, 71, 3093-3102.	1.7	111
30	¹⁵ N NMR Chemical Shifts for the Identification of Dipyrrolic Structures. <i>Journal of Organic Chemistry</i> , 2006, 71, 2964-2971.	1.7	26
31	A Series of Polyamide Receptor Based PET Fluorescent Sensor Molecules: Positively Cooperative Hg ²⁺ Ion Binding with High Sensitivity. <i>Organic Letters</i> , 2006, 8, 3721-3724.	2.4	211
32	Spectrofluorimetric determination of trace nitrite in food products with a new fluorescent probe 1,3,5,7-tetramethyl-2,6-dicarbethoxy-8-(3,4-diaminophenyl)-difluoroboradiaza-s-indacene. <i>Talanta</i> , 2006, 69, 73-78.	2.9	39
34	Sensing Reactive Oxygen and Nitrogen Species Using Selective Fluorescent Probes. <i>Current Bioactive Compounds</i> , 2006, 2, 409.	0.2	0
35	Difluoro[1-(1-naphthyliminomethyl)-2-naphtholato-N,O]boron. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2006, 62, o2625-o2626.	0.2	1
36	Ultrasound-assisted liquid-phase microextraction and high-performance liquid chromatographic determination of nitric oxide produced in PC12 cells using 1,3,5,7-tetramethyl-2,6-dicarbethoxy-8-(3,4-diaminophenyl)-difluoroboradiaza-s-indacene. <i>Journal of Chromatography A</i> , 2006, 1103, 193-201.	1.8	32
37	Photophysical properties of an on/off fluorescent pH indicator excitable with visible light based on a borondipyrromethene-linked phenol. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 183, 190-197.	2.0	67
38	Concerning the color change of pyromethene 650 dye in electron-donor solvents. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2006, 184, 298-305.	2.0	10
39	Excimer emission and energy transfer in cofacial boradiaza-indacene (BODIPY) dimers built on a xanthene scaffold. <i>Tetrahedron</i> , 2006, 62, 2721-2725.	1.0	98
40	Distyryl-boradiaza-indacenes: facile synthesis of novel near IR emitting fluorophores. <i>Tetrahedron</i> , 2006, 62, 8484-8488.	1.0	183

#	ARTICLE	IF	CITATIONS
41	Evaluation of a simple and novel fluorescent anion sensor, 4-quinolone, and modification of the emission color by substitutions based on molecular orbital calculations. <i>Tetrahedron</i> , 2006, 62, 10065-10071.	1.0	19
42	Cross-linked poly(2-hydroxyethylmethacrylate) films doped with 1,2-diaminoanthraquinone (DAQ) as efficient materials for the colorimetric sensing of nitric oxide and nitrite anion. <i>Tetrahedron Letters</i> , 2006, 47, 1787-1791.	0.7	74
43	Synthesis, fluorescence and two-photon absorption properties of multichromophoric boron-dipyromethene fluorophores for two-photon-excited fluorescence applications. <i>Tetrahedron Letters</i> , 2006, 47, 1913-1917.	0.7	45
44	Highly selective colorimetric sensor for cysteine and homocysteine based on azo derivatives. <i>Tetrahedron Letters</i> , 2006, 47, 7093-7096.	0.7	91
45	Water soluble distyryl-boradiazaindacenes as efficient photosensitizers for photodynamic therapy. <i>Chemical Communications</i> , 2006, , 4398.	2.2	262
46	New BODIPY Derivatives as OFF-ON Fluorescent Chemosensor and Fluorescent Chemodosimeter for Cu ²⁺ : A Cooperative Selectivity Enhancement toward Cu ²⁺ . <i>Journal of Organic Chemistry</i> , 2006, 71, 2881-2884.	1.7	359
47	Mono- and Di(dimethylamino)styryl-Substituted Borondipyromethene and Borondiindomethene Dyes with Intense Near-Infrared Fluorescence. <i>Chemistry - an Asian Journal</i> , 2006, 1, 176-187.	1.7	137
48	Isothiocyanato Boron Dipyromethenes: The First BODIPY Analogues of Fluorescein Isothiocyanate. <i>Photochemistry and Photobiology</i> , 2006, 82, 746.	1.3	12
49	Use of Fluorescence Probes for Detection of Reactive Nitrogen Species: A Review. <i>Journal of Fluorescence</i> , 2006, 16, 119-139.	1.3	151
50	Direct detection of nitric oxide in human blood serum by use of 1,3,5,7-tetramethyl-8-(3,4-diaminophenyl)difluoroboradiazas-indacene with HPLC. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 384, 1284-1290.	1.9	6
51	Tunable design strategy for fluorescence probes based on 4-substituted BODIPY chromophore: improvement of highly sensitive fluorescence probe for nitric oxide. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 621-626.	1.9	123
52	Imaging molecular events in single living cells. <i>Analytical and Bioanalytical Chemistry</i> , 2006, 386, 435-443.	1.9	10
53	Proton- and Redox-Controlled Switching of Photo- and Electrochemiluminescence in Thiophenyl-Substituted Boron-Dipyromethene Dyes. <i>Chemistry - A European Journal</i> , 2006, 12, 689-700.	1.7	68
54	Development of near-infrared fluorescent probes for nitric oxide and zinc ion. , 2007, , .		0
55	Sensitive determination of S-nitrosothiols in human blood by spectrofluorimetry using a fluorescent probe: 1,3,5,7-tetramethyl-8-(3,4-diaminophenyl)-difluoroboradiazas-indacene. <i>Talanta</i> , 2007, 73, 62-67.	2.9	7
56	Fluorescence Turn On of Coumarin Derivatives by Metal Cations: A New Signaling Mechanism Based on C=N Isomerization. <i>Organic Letters</i> , 2007, 9, 33-36.	2.4	536
57	Advances in the Chemistry of Dipyrrins and Their Complexes. <i>Chemical Reviews</i> , 2007, 107, 1831-1861.	23.0	568
58	Synthesis and study of crown ether-appended boron dipyrin chemosensors for cation detection. <i>Tetrahedron Letters</i> , 2007, 48, 1977-1982.	0.7	39

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59	Excited-State Dynamics of Donor-Acceptor Bridged Systems Containing a Boron-Dipyrromethene Chromophore: A Interplay between Charge Separation and Reorientational Motion. <i>Journal of Physical Chemistry A</i> , 2007, 111, 5361-5369.	1.1	79
60	Synthesis and Spectral Properties of Cholesterol- and FTY720-Containing Boron Dipyrromethene Dyes. <i>Journal of Organic Chemistry</i> , 2007, 72, 8376-8382.	1.7	86
61	A Colorimetric and Fluorometric Dual-Modal Assay for Mercury Ion by a Molecule. <i>Organic Letters</i> , 2007, 9, 2313-2316.	2.4	258
62	Design and Synthesis of a Library of BODIPY-Based Environmental Polarity Sensors Utilizing Photoinduced Electron-Transfer-Controlled Fluorescence ON/OFF Switching. <i>Journal of the American Chemical Society</i> , 2007, 129, 5597-5604.	6.6	460
63	Development of a Library of 6-Arylcoumarins as Candidate Fluorescent Sensors. <i>Organic Letters</i> , 2007, 9, 1315-1318.	2.4	54
64	Donor-and-Acceptor Substituted Truxenes as Multifunctional Fluorescent Probes. <i>Journal of Organic Chemistry</i> , 2007, 72, 7915-7922.	1.7	118
65	A Thiol-Reactive Fluorescence Probe Based on Donor-Excited Photoinduced Electron Transfer: Key Role of Ortho Substitution. <i>Organic Letters</i> , 2007, 9, 3375-3377.	2.4	281
66	Hydrogen bonding assisted switchable fluorescence in self-assembled complexes containing diarylethene: controllable fluorescent emission in the solid state. <i>Journal of Materials Chemistry</i> , 2007, 17, 2483.	6.7	78
67	The chemistry of Bodipy: A new El Dorado for fluorescence tools. <i>New Journal of Chemistry</i> , 2007, 31, 496.	1.4	867
68	Structural Changes in the BODIPY Dye PM567 Enhancing the Laser Action in Liquid and Solid Media. <i>Advanced Functional Materials</i> , 2007, 17, 3088-3098.	7.8	56
69	Boron Dipyrromethene Dyes Bearing Ancillary 2,2',6',6'-Terpyridine Coordination Sites. <i>European Journal of Organic Chemistry</i> , 2007, 2007, 3191-3198.	1.2	19
70	Fluorescence Turn-On Detection of Nitric Oxide in Aqueous Solution Using Cationic Conjugated Polyelectrolytes. <i>Macromolecular Rapid Communications</i> , 2007, 28, 241-245.	2.0	50
71	Photophysical properties of 2-picolinoylpyrrole boron complex in solutions. <i>Chemical Physics Letters</i> , 2007, 435, 283-288.	1.2	34
72	Reflets d'une chimie largement inexplorée: celle des boradipyrrométhanes. <i>Comptes Rendus Chimie</i> , 2007, 10, 622-629.	0.2	35
73	Synthesis and spectral properties of new boron dipyrromethene dyes. <i>Dyes and Pigments</i> , 2007, 73, 206-210.	2.0	39
74	Fluorescent probes for nitric oxide and hydrogen peroxide in cell signaling. <i>Current Opinion in Chemical Biology</i> , 2007, 11, 620-625.	2.8	157
75	Sensitive determination of ultra-trace nitric oxide in blood using derivatization-polymer monolith microextraction coupled with reversed-phase high-performance liquid chromatography. <i>Analytica Chimica Acta</i> , 2007, 591, 116-122.	2.6	19
76	Synthesis, crystal structures and spectroscopic characterizations of two difluoroboradiaza-s-indacene dyes. <i>Journal of Molecular Structure</i> , 2007, 827, 130-136.	1.8	18

#	ARTICLE	IF	CITATIONS
77	A ratiometric fluorescent pH glass optode based on a boron-dipyrromethene derivative. <i>Sensors and Actuators B: Chemical</i> , 2007, 121, 74-82.	4.0	17
78	Light-on fluorescent chemosensor for fluoride in aqueous solution based on ternary complex of Zr-EDTA and 4-(N,N-dimethylamino-6-methyl-3-hydroxy)flavone. <i>Sensors and Actuators B: Chemical</i> , 2007, 125, 447-452.	4.0	23
79	Determination of nitric oxide in hydrophytes using poly(methacrylic acid-ethylene glycol) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 672 Td (fluorescence detection. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2007, 854, 135-142.	1.2	10
80	Fluorescent and luminescent probes for measurement of oxidative and nitrosative species in cells and tissues: Progress, pitfalls, and prospects. <i>Free Radical Biology and Medicine</i> , 2007, 43, 995-1022.	1.3	752
81	BODIPY Dyes and Their Derivatives: Syntheses and Spectroscopic Properties. <i>Chemical Reviews</i> , 2007, 107, 4891-4932.	23.0	4,385
82	Design and Synthesis of a BODIPY-Tocopherol Adduct for Use as an Off/On Fluorescent Antioxidant Indicator. <i>Journal of the American Chemical Society</i> , 2007, 129, 1842-1843.	6.6	81
83	Sensitive determination of nitric oxide in some rat tissues using polymer monolith microextraction coupled to high-performance liquid chromatography with fluorescence detection. <i>Analytical and Bioanalytical Chemistry</i> , 2007, 388, 939-946.	1.9	16
84	New difluoro-boradiazaindacene shaped with gallate platforms. <i>Comptes Rendus Chimie</i> , 2008, 11, 716-733.	0.2	5
85	Disabling Photoinduced Electron Transfer in 4,4-Difluoro-8-(4-hydroxyphenyl)-1,3,5,7-tetramethyl-4-bora-3a,4a-diaza-s-indacene by Phosphorylation. <i>Journal of Fluorescence</i> , 2008, 18, 639-644.	1.3	2
86	Ultra-trace level determination of nitrite in human saliva by spectrofluorimetry using 1,3,5,7-tetramethyl-8-(3,4-diaminophenyl)-difluoroboradiaza-s-indacene. <i>Mikrochimica Acta</i> , 2008, 161, 201-207.	2.5	17
87	Efficient tuning nonlinear optical properties: Synthesis and characterization of a series of novel poly(aryleneethynylene)s containing BODIPY. <i>Journal of Polymer Science Part A</i> , 2008, 46, 7401-7410.	2.5	71
88	BF ₂ Chelate Complexes of 6-(4-iodophenyl)-2,3,4,8,9,10-hexamethyldipyrrin and 2-(4-iodobenzoyl)-3,4,5-trimethylpyrrole: Fluorescent Dyes with a Chemical Anchor Group. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2008, 634, 1555-1559.	0.6	13
89	BODIPY-Based Fluorescent Redox Potential Sensors that Utilize Reversible Redox Properties of Flavin. <i>ChemBioChem</i> , 2008, 9, 853-856.	1.3	40
90	Bis(BF ₂) ₂ Bidipyrins (BisBODIPYs): Highly Fluorescent BODIPY Dimers with Large Stokes Shifts. <i>Chemistry - A European Journal</i> , 2008, 14, 2976-2983.	1.7	239
91	Comparative Photostability Studies of BODIPY and Fluorescein Dyes by Using Fluorescence Correlation Spectroscopy. <i>ChemPhysChem</i> , 2008, 9, 2019-2027.	1.0	94
92	Energy and Charge Transfer Processes in a Perylene-BODIPY-Pyridine Tripartite Array. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2774-2782.	1.2	30
93	The Chemistry of Fluorescent Bodipy Dyes: Versatility Unsurpassed. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1184-1201.	7.2	2,753
94	Fine-Tuning of Yellow or Red Photo and Electroluminescence of Functional Difluoro-Boradiazaindacene Films. <i>Advanced Functional Materials</i> , 2008, 18, 401-413.	7.8	144

#	ARTICLE	IF	CITATIONS
96	New laser dye based on the 3-styryl analog of the BODIPY dye PM567. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2008, 198, 192-199.	2.0	45
97	Functionalized BF ₂ chelated azadipyrromethene dyes. <i>Tetrahedron</i> , 2008, 64, 3642-3654.	1.0	113
98	New BODIPY-triazine based tripod fluorescent systems. <i>Tetrahedron Letters</i> , 2008, 49, 261-264.	0.7	32
99	Single cell determination of nitric oxide release using capillary electrophoresis with laser-induced fluorescence detection. <i>Journal of Chromatography A</i> , 2008, 1201, 120-127.	1.8	37
100	Functional Near-Infrared Fluorescent Probes. <i>Chemistry - an Asian Journal</i> , 2008, 3, 506-515.	1.7	230
101	Fluorescent Probes for Chemical Transformations on the Single-Molecule Level. <i>Annals of the New York Academy of Sciences</i> , 2008, 1130, 131-137.	1.8	12
102	Synthetic fluorescent sensors for studying the cell biology of metals. <i>Nature Chemical Biology</i> , 2008, 4, 168-175.	3.9	1,011
103	Detection of nitric oxide in single cells. <i>Analyst</i> , 2008, 133, 423.	1.7	77
104	Isomeric Boron-Fluorine Complexes with Donor-Acceptor Architecture: Strong Solid/Liquid Fluorescence and Large Stokes Shift. <i>Organic Letters</i> , 2008, 10, 633-636.	2.4	166
105	Fluorogenic Imines for Fluorescent Detection of Mannich-Type Reactions of Phenols in Water. <i>Journal of Organic Chemistry</i> , 2008, 73, 3964-3966.	1.7	28
106	1,2,3-Triazoles. , 2008, , 1-158.		12
107	A Coumarin-Derived Fluorescence Probe Selective for Magnesium. <i>Inorganic Chemistry</i> , 2008, 47, 2252-2254.	1.9	256
108	Fluorogenic and Chromogenic Rhodamine Spirolactam Based Probe for Nitric Oxide by Spiro Ring Opening Reaction. <i>Organic Letters</i> , 2008, 10, 2357-2360.	2.4	138
109	Mesogenic dipyrroins building blocks for the fabrication of fluorescent and metal-containing materials. <i>Chemical Communications</i> , 2008, , 4582.	2.2	16
110	Differential Tuning of the Electron Transfer Parameters in 1,3,5-Triarylpyrazolines: A Rational Design Approach for Optimizing the Contrast Ratio of Fluorescent Probes. <i>Journal of the American Chemical Society</i> , 2008, 130, 13023-13032.	6.6	70
111	A Monostyryl-boradiazaindacene (BODIPY) Derivative as Colorimetric and Fluorescent Probe for Cyanide Ions. <i>Organic Letters</i> , 2008, 10, 461-464.	2.4	289
112	Syntheses and Spectral Properties of Functionalized, Water-Soluble BODIPY Derivatives. <i>Journal of Organic Chemistry</i> , 2008, 73, 1963-1970.	1.7	200
113	A Multianalyte Chemosensor on a Single Molecule: Promising Structure for an Integrated Logic Gate. <i>Journal of Organic Chemistry</i> , 2008, 73, 5008-5014.	1.7	210

#	ARTICLE	IF	CITATIONS
114	Bright Ideas for Chemical Biology. ACS Chemical Biology, 2008, 3, 142-155.	1.6	1,085
115	Bulky 4-tritylphenylethynyl substituted boradiazaindacene: pure red emission, relatively large Stokes shift and inhibition of self-quenching. Chemical Communications, 2008, , 4777.	2.2	172
116	Conformational dynamics for chemical sensing: simplicity and diversity. Analyst, The, 2008, 133, 417.	1.7	23
117	Photophysical Study of New Versatile Multichromophoric Diads and Triads with BODIPY and Polyphenylene Groups. Journal of Physical Chemistry A, 2008, 112, 10816-10822.	1.1	23
118	A Highly Specific BODIPY-Based Fluorescent Probe for the Detection of Hypochlorous Acid. Organic Letters, 2008, 10, 2171-2174.	2.4	320
119	A Coumarin-Derived Fluorescence Chemosensors Selective for Copper(II). Analytical Letters, 2008, 41, 2203-2213.	1.0	46
120	Design and Development of a New Pyrromethene Dye with Improved Photostability and Lasing Efficiency: Theoretical Rationalization of Photophysical and Photochemical Properties. Journal of Organic Chemistry, 2008, 73, 2146-2154.	1.7	162
121	Diaminobenzene as a Novel Reagent for Nitrite Assay in Environmental Samples: Evidence for Its Mechanistic Aspects. Analytical Letters, 2008, 41, 3342-3363.	1.0	4
122	Six-membered Rings with Two or More Heteroatoms with at least One Boron. , 2008, , 961-1008.		0
123	Sensitive and Selective Tumor Imaging with Novel and Highly Activatable Fluorescence Probes. Analytical Sciences, 2008, 24, 51-53.	0.8	21
124	Sensitive and selective tumor imaging with novel and highly activatable fluorescence strategies. , 2008, , .		0
125	Bioimaging Probes for Reactive Oxygen Species and Reactive Nitrogen Species. Journal of Clinical Biochemistry and Nutrition, 2009, 45, 111-124.	0.6	128
126	Study on the BODIPY-triazine-based tripod fluorescent systems: various structures from similar procedure. Supramolecular Chemistry, 2009, 21, 455-464.	1.5	12
127	Two-Photon Absorption-Related Properties of Functionalized BODIPY Dyes in the Infrared Range up to Telecommunication Wavelengths. Advanced Materials, 2009, 21, 1151-1154.	11.1	144
128	Boradipyrrromethenecyanines. European Journal of Organic Chemistry, 2009, 2009, 3237-3243.	1.2	42
129	(4,4-Difluoro-4-bora-3a,4a-diaza-5-indacen-3-yl)acetaldehyde: Synthesis and chemical properties. Journal of Heterocyclic Chemistry, 2009, 46, 1386-1391.	1.4	23
130	Fluorescence sensing of nitric oxide in aqueous solution by triethanolamine-modified CdSe quantum dots. Luminescence, 2009, 24, 255-259.	1.5	34
131	Sensitive and rapid determination of nitric oxide in human serum using microchip capillary electrophoresis with laser-induced fluorescence detection. Mikrochimica Acta, 2009, 166, 243-249.	2.5	10

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132	Rational Design of Novel Benzimidazole-Based Sensor Molecules that Display Positive and Negative Fluorescence Responses to Anions. <i>Journal of Fluorescence</i> , 2009, 19, 183-188.	1.3	22
133	Chemical sensors based on π -conjugated organic molecules and gold nanoparticles. <i>Science in China Series B: Chemistry</i> , 2009, 52, 715-730.	0.8	15
134	Photochromism of new unsymmetrical isomeric diarylethenes bearing a methoxyl group. <i>Journal of Physical Organic Chemistry</i> , 2009, 22, 954-963.	0.9	48
135	Deep-red emissive conjugated poly(2,6-BODIPY-ethynylene)s bearing alkyl side chains. <i>Journal of Polymer Science Part A</i> , 2009, 47, 5354-5366.	2.5	42
136	Selective molecular imaging of viable cancer cells with pH-activatable fluorescence probes. <i>Nature Medicine</i> , 2009, 15, 104-109.	15.2	742
137	Synthesis and optoelectronic properties of unsymmetrical isomeric diarylethene derivatives having a fluorine atom. <i>Journal of Molecular Structure</i> , 2009, 936, 29-36.	1.8	19
138	Phosphorus-supported multidentate coumarin-containing fluorescence sensors for Cu ²⁺ . <i>Tetrahedron</i> , 2009, 65, 9876-9883.	1.0	62
139	Synthesis and photophysical properties of a new amino acid possessing a BODIPY moiety. <i>Tetrahedron Letters</i> , 2009, 50, 2908-2910.	0.7	21
140	Simultaneous analysis of plasma thiols by high-performance liquid chromatography with fluorescence detection using a new probe, 1,3,5,7-tetramethyl-8-phenyl-(4-iodoacetamido)difluoroboradiaza-s-indacene. <i>Journal of Chromatography A</i> , 2009, 1216, 3874-3880.	1.8	42
141	A novel chromo- and fluorogenic dual responding H ₂ PO ₄ ²⁻ receptor based on an azo derivative. <i>Dyes and Pigments</i> , 2009, 80, 259-263.	2.0	44
142	FerriBRIGHT: A Rationally Designed Fluorescent Probe for Redox Active Metals. <i>Journal of the American Chemical Society</i> , 2009, 131, 8578-8586.	6.6	108
143	Three-Coordinate, Phosphine-Ligated Azadipyromethene Complexes of Univalent Group 11 Metals. <i>Inorganic Chemistry</i> , 2009, 48, 8134-8144.	1.9	30
144	Color Tuning of Polyfluorene Emission with BODIPY Monomers. <i>Macromolecules</i> , 2009, 42, 1995-2001.	2.2	106
145	BODIPY-Based Fluorescent Probe for Peroxynitrite Detection and Imaging in Living Cells. <i>Organic Letters</i> , 2009, 11, 1887-1890.	2.4	173
146	3,5-Dianilino Substituted Difluoroboron Dipyromethene: Synthesis, Spectroscopy, Photophysics, Crystal Structure, Electrochemistry, and Quantum-Chemical Calculations. <i>Journal of Physical Chemistry C</i> , 2009, 113, 11731-11740.	1.5	61
147	A highly Li ⁺ -selective glass optode based on fluorescence ratiometry. <i>Analyst</i> , 2009, 134, 2314.	1.7	29
148	A Simple and Effective Strategy To Increase the Sensitivity of Fluorescence Probes in Living Cells. <i>Journal of the American Chemical Society</i> , 2009, 131, 10189-10200.	6.6	104
149	Fluorescence in vivo imaging of live tumor cells with pH-activatable targeted probes via receptor-mediated endocytosis. , 2009, , .		0

#	ARTICLE	IF	CITATIONS
150	Synthesis, Spectroscopy, Crystal Structure, Electrochemistry, and Quantum Chemical and Molecular Dynamics Calculations of a 3-Anilino Difluoroboron Dipyrromethene Dye. <i>Journal of Physical Chemistry A</i> , 2009, 113, 439-447.	1.1	98
151	A selective fluorescent sensor for imaging Cu ²⁺ in living cells. <i>New Journal of Chemistry</i> , 2009, 33, 1888.	1.4	83
152	Synthesis and Optical Properties of Red and Deep-Red Emissive Polymeric and Copolymeric BODIPY Dyes. <i>Chemistry of Materials</i> , 2009, 21, 2130-2138.	3.2	95
153	New Analogues of the BODIPY Dye PM597: Photophysical and Lasing Properties in Liquid Solutions and in Solid Polymeric Matrices. <i>Journal of Physical Chemistry A</i> , 2009, 113, 8118-8124.	1.1	56
154	Novel <i>meso</i> -Polyarylamine-BODIPY Hybrids: Synthesis and Study of Their Optical Properties. <i>Journal of Organic Chemistry</i> , 2009, 74, 2053-2058.	1.7	126
155	Phenol-Based Lipophilic Fluorescent Antioxidant Indicators: A Rational Approach. <i>Journal of Organic Chemistry</i> , 2009, 74, 3641-3651.	1.7	49
156	A highly selective and sensitive fluorescent turn-on sensor for Hg ²⁺ and its application in live cell imaging. <i>Organic and Biomolecular Chemistry</i> , 2009, 7, 2554.	1.5	96
157	Functionalization of Boron Dipyrin (BODIPY) Dyes through Iridium and Rhodium Catalysis: A Complementary Approach to <i>1</i> - and <i>2</i> -Substituted BODIPYs. <i>Chemistry - A European Journal</i> , 2009, 15, 5942-5949.	1.7	79
158	Carboxyl BODIPY Dyes from Bicarboxylic Anhydrides: One-Pot Preparation, Spectral Properties, Photostability, and Biolabeling. <i>Journal of Organic Chemistry</i> , 2009, 74, 7675-7683.	1.7	107
159	Development of fluorescent probes for bioimaging applications. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 2010, 86, 837-847.	1.6	89
160	New Strategies for Fluorescent Probe Design in Medical Diagnostic Imaging. <i>Chemical Reviews</i> , 2010, 110, 2620-2640.	23.0	1,927
161	Rhodamine-based ratiometric fluorescent ion-selective bulk optodes. <i>Sensors and Actuators B: Chemical</i> , 2010, 151, 71-76.	4.0	22
162	Exploring Reversible Quenching of Fluorescence from a Pyrazolo[3,4- <i>b</i>]quinoline Derivative by Protonation. <i>ChemPhysChem</i> , 2010, 11, 2623-2629.	1.0	9
163	Ketimate-Supported LiCl Cages and Group 13 Complexes. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2025-2035.	1.0	24
164	pH-Responsive Switching of the Near-Infrared Absorption of the Water-Soluble Bis(<i>o</i> -diiminobenzosemiquinonato)platinum(II) Complex. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 3458-3465.	1.0	14
165	Development of a Ruthenium(II) Complex Based Luminescent Probe for Imaging Nitric Oxide Production in Living Cells. <i>Chemistry - A European Journal</i> , 2010, 16, 6884-6891.	1.7	97
166	Intensely Fluorescent Azobenzenes: Synthesis, Crystal Structures, Effects of Substituents, and Application to Fluorescent Vital Stain. <i>Chemistry - A European Journal</i> , 2010, 16, 5026-5035.	1.7	100
168	Design of a Highly Sensitive Fluorescent Probe for Interfacial Electron Transfer on a TiO ₂ Surface. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 8593-8597.	7.2	138

#	ARTICLE	IF	CITATIONS
169	Quantitative Structure-Fluorescence Property Relationship Analysis of a Large BODIPY Library. <i>Molecular Informatics</i> , 2010, 29, 717-729.	1.4	20
170	Highly selective and sensitive colorimetric probes for hypochlorite anion based on azo derivatives. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2010, 77, 397-401.	2.0	31
171	Near-infrared emissive BODIPY polymeric and copolymeric dyes. <i>Polymer</i> , 2010, 51, 5359-5368.	1.8	57
172	Ratiometric fluorescence sensing of phenylalanine derivatives by synthetic macrocyclic receptors. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2010, 209, 61-67.	2.0	28
173	Coumarin derived chromophores in the donor-acceptor-donor format that gives fluorescence enhancement and large two-photon activity in presence of specific metal ions. <i>Inorganica Chimica Acta</i> , 2010, 363, 2824-2832.	1.2	35
174	Synthesis of boradiazaindacene-imidazopyrazinone conjugate as lipophilic and yellow-chemiluminescent chemosensor for superoxide radical anion. <i>Tetrahedron</i> , 2010, 66, 583-590.	1.0	16
175	A near IR di-styryl BODIPY-based ratiometric fluorescent chemosensor for Hg(II). <i>Tetrahedron Letters</i> , 2010, 51, 892-894.	0.7	92
176	Dual signaling of m-chloroperbenzoic acid by desulfurization of thiocoumarin. <i>Tetrahedron Letters</i> , 2010, 51, 6663-6665.	0.7	18
177	Fluorescent probes to investigate nitric oxide and other reactive nitrogen species in biology (truncated form: fluorescent probes of reactive nitrogen species). <i>Current Opinion in Chemical Biology</i> , 2010, 14, 43-49.	2.8	137
178	The synthesis of novel photochromic diarylethenes bearing a biphenyl moiety and the effects of substitution on their properties. <i>Dyes and Pigments</i> , 2010, 87, 257-267.	2.0	28
180	The Synthesis and Properties of Dipyrins. <i>Handbook of Porphyrin Science</i> , 2010, , 235-291.	0.3	4
181	Labels and Probes for Live Cell Imaging: Overview and Selection Guide. <i>Methods in Molecular Biology</i> , 2010, 591, 17-45.	0.4	13
182	A Highly Selective Low-Background Fluorescent Imaging Agent for Nitric Oxide. <i>Journal of the American Chemical Society</i> , 2010, 132, 13114-13116.	6.6	222
183	Bodipy Dyes with Tunable Redox Potentials and Functional Groups for Further Tethering: Preparation, Electrochemical, and Spectroscopic Characterization. <i>Journal of the American Chemical Society</i> , 2010, 132, 17560-17569.	6.6	143
184	Electrochemistry and Electrogenerated Chemiluminescence of <i>n</i> -Pentyl and Phenyl BODIPY Species: Formation of Aggregates from the Radical Ion Annihilation Reaction. <i>Journal of Physical Chemistry C</i> , 2010, 114, 14453-14460.	1.5	54
185	Anthracene-BODIPY Dyads as Fluorescent Sensors for Biocatalytic Diels-Alder Reactions. <i>Journal of the American Chemical Society</i> , 2010, 132, 2646-2654.	6.6	67
186	Detecting and Understanding the Roles of Nitric Oxide in Biology. <i>Inorganic Chemistry</i> , 2010, 49, 6338-6348.	1.9	98
187	Localizable and Highly Sensitive Calcium Indicator Based on a BODIPY Fluorophore. <i>Analytical Chemistry</i> , 2010, 82, 6472-6479.	3.2	110

#	ARTICLE	IF	CITATIONS
188	Construction of a Library of Rhodol Fluorophores for Developing New Fluorescent Probes. <i>Organic Letters</i> , 2010, 12, 496-499.	2.4	82
189	Rational design of visible and NIR distyryl-BODIPY dyes from a novel fluorinated platform. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 4546.	1.5	55
190	Red-edge laser action from borondipyromethene dyes. <i>Journal of Applied Physics</i> , 2010, 107, 073105.	1.1	22
191	Highly Fluorescent BODIPY Dyes Modulated with Spirofluorene Moieties. <i>Organic Letters</i> , 2010, 12, 296-299.	2.4	57
192	Convergent synthesis and light harvesting properties of dendritic boradiazaindacene (BODIPY) appended perylene diimide dyes. <i>New Journal of Chemistry</i> , 2010, 34, 151-155.	1.4	44
193	Novel Bi-Nuclear Boron Complex with Pyrene Ligand: Red-Light Emitting as well as Electron Transporting Material in Organic Light-Emitting Diodes. <i>Organic Letters</i> , 2010, 12, 1272-1275.	2.4	87
194	Live Cell Imaging. <i>Methods in Molecular Biology</i> , 2010, , .	0.4	15
195	A Palette of Fluorescent Probes with Varying Emission Colors for Imaging Hydrogen Peroxide Signaling in Living Cells. <i>Journal of the American Chemical Society</i> , 2010, 132, 5906-5915.	6.6	477
196	Novel probes for visualizing reactive oxygen species in lipid membranes. <i>Proceedings of SPIE</i> , 2010, , .	0.8	0
197	Theoretical and experimental investigation of the structural and spectroscopic properties of coumarin 343 fluoroionophores. <i>Physical Chemistry Chemical Physics</i> , 2010, 12, 14172.	1.3	23
198	A copper(ii) rhodamine complex with a tripodal ligand as a highly selective fluorescence imaging agent for nitric oxide. <i>Chemical Communications</i> , 2011, 47, 11507.	2.2	64
199	Rational design of boron dipyrromethene (BODIPY)-based photobleaching-resistant fluorophores applicable to a protein dynamics study. <i>Chemical Communications</i> , 2011, 47, 10055.	2.2	54
200	Reduction of copper(ii) complexes of tridentate ligands by nitric oxide and fluorescent detection of NO in methanol and water media. <i>Dalton Transactions</i> , 2011, 40, 8656.	1.6	18
201	A ruthenium(ii) complex based turn-on electrochemiluminescence probe for the detection of nitric oxide. <i>Analyst</i> , 2011, 136, 1867.	1.7	25
202	An unprecedented strategy for selective and sensitive fluorescence detection of nitric oxide based on its reaction with a selenide. <i>Chemical Communications</i> , 2011, 47, 8638.	2.2	103
203	Visualization of Nitroxyl in Living Cells by a Chelated Copper(II) Coumarin Complex. <i>Organic Letters</i> , 2011, 13, 1290-1293.	2.4	139
204	Incorporating BODIPY Fluorophores into Tetrakis(arylethynyl)benzenes. <i>Journal of Organic Chemistry</i> , 2011, 76, 4043-4051.	1.7	26
205	In Situ Evaluation of Kinetic Resolution Catalysts for Nitroaldol by Rationally Designed Fluorescence Probe. <i>Journal of Organic Chemistry</i> , 2011, 76, 3616-3625.	1.7	18

#	ARTICLE	IF	CITATIONS
206	A New Spirobifluorene-Bridged Bipolar System for a Nitric Oxide Turn-On Fluorescent Probe. <i>Organic Letters</i> , 2011, 13, 2216-2219.	2.4	35
207	In Vivo Fluorescence Imaging of Bone-Resorbing Osteoclasts. <i>Journal of the American Chemical Society</i> , 2011, 133, 17772-17776.	6.6	108
208	Synthesis of pH-Activatable Red Fluorescent BODIPY Dyes with Distinct Functionalities. <i>Organic Letters</i> , 2011, 13, 5656-5659.	2.4	53
209	Visualization of tyrosinase activity in melanoma cells by a BODIPY-based fluorescent probe. <i>Chemical Communications</i> , 2011, 47, 12640.	2.2	90
210	A europium(iii) chelate as an efficient time-gated luminescent probe for nitric oxide. <i>Chemical Communications</i> , 2011, 47, 6266.	2.2	90
211	Development of a Highly Sensitive Fluorescence Probe for Hydrogen Peroxide. <i>Journal of the American Chemical Society</i> , 2011, 133, 10629-10637.	6.6	340
212	Reversible Fluorescent Probe for Highly Selective and Sensitive Detection of Mercapto Biomolecules. <i>Inorganic Chemistry</i> , 2011, 50, 6543-6551.	1.9	66
213	Sensitivity evaluation of rhodamine B hydrazide towards nitric oxide and its application for macrophage cells imaging. <i>Analytica Chimica Acta</i> , 2011, 708, 141-148.	2.6	28
214	Modulation of the spectroscopic property of Bodipy derivatives through tuning the molecular configuration. <i>Photochemical and Photobiological Sciences</i> , 2011, 10, 1030-1038.	1.6	53
215	“Turn-on” fluorescent sensing with “reactive” probes. <i>Chemical Communications</i> , 2011, 47, 7583.	2.2	402
216	Highly Water-Soluble Neutral BODIPY Dyes with Controllable Fluorescence Quantum Yields. <i>Organic Letters</i> , 2011, 13, 438-441.	2.4	154
217	Highly selective fluorescent OFF“ON thiol probes based on dyads of BODIPY and potent intramolecular electron sink 2,4-dinitrobenzenesulfonyl subunits. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 3844.	1.5	143
218	3,5-Diformylboron Dipyrrromethenes as Fluorescent pH Sensors. <i>Inorganic Chemistry</i> , 2011, 50, 4392-4400.	1.9	88
219	Colorimetric and Ratiometric Fluorescent Chemosensor Based on Diketopyrrolopyrrole for Selective Detection of Thiols: An Experimental and Theoretical Study. <i>Journal of Organic Chemistry</i> , 2011, 76, 9294-9304.	1.7	116
220	Convenient one-pot procedure for synthesizing 4,4-dimethoxy-boradiaza-s-indacene dyes and their application to cell labeling. <i>Tetrahedron</i> , 2011, 67, 7919-7922.	1.0	8
221	BODIPY photocatalyzed oxidation of thioanisole under visible light. <i>Catalysis Communications</i> , 2011, 16, 94-97.	1.6	73
222	SAMPLE PREPARATION FOR HIGH PERFORMANCE LIQUID CHROMATOGRAPHY: RECENT PROGRESS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2011, 34, 1157-1267.	0.5	15
223	8-Hydroxyquinoline-Substituted Boron“Dipyrrromethene Compounds: Synthesis, Structure, and OFF“ON“OFF Type of pH-Sensing Properties. <i>Journal of Organic Chemistry</i> , 2011, 76, 3774-3781.	1.7	101

#	ARTICLE	IF	CITATIONS
224	Biochemistry of Mobile Zinc and Nitric Oxide Revealed by Fluorescent Sensors. Annual Review of Biochemistry, 2011, 80, 333-355.	5.0	156
225	Fluorescent and luminescent probes for detection of reactive oxygen and nitrogen species. Chemical Society Reviews, 2011, 40, 4783.	18.7	890
226	Near-infrared BODIPY dyes modulated with spirofluorene moieties. Tetrahedron, 2011, 67, 3105-3110.	1.0	23
227	A General Synthetic Strategy for the Design of New BODIPY Fluorophores Based on Pyrroles with Polycondensed Aromatic and Metallocene Substituents. Chemistry - A European Journal, 2011, 17, 3069-3073.	1.7	33
228	New 8- <i>amino</i> -BODIPY Derivatives: Surpassing Laser Dyes at Blue-Edge Wavelengths. Chemistry - A European Journal, 2011, 17, 7261-7270.	1.7	141
229	Design and synthesis of a novel fluorescence probe for Zn ²⁺ based on the spirolactam ring-opening process of rhodamine derivatives. Bioorganic and Medicinal Chemistry, 2011, 19, 1072-1078.	1.4	63
230	The synthesis of polarity-sensitive fluorescent dyes based on the BODIPY chromophore. Dyes and Pigments, 2011, 89, 217-222.	2.0	32
231	Intramolecular charge-transfer interactions in a julolidine-Bodipy molecular assembly as revealed via ¹³ C NMR chemical shifts. Journal of Molecular Structure, 2011, 985, 346-354.	1.8	22
232	Photophysical property of rhodamine-cored poly(amidoamine) dendrimers: Simultaneous effect of spirolactam ring-opening and PET process on sensing trivalent chromium ion. Journal of Luminescence, 2011, 131, 2521-2527.	1.5	31
233	A fluorescent ammonia sensor based on a porphyrin cobalt(II)-dansyl complex. Tetrahedron Letters, 2011, 52, 2645-2648.	0.7	56
234	Synthesis, Photochromism and Fluorescence of a Novel Diarylethene Having Thiazole Unit. Advanced Materials Research, 0, 455-456, 17-20.	0.3	0
235	{2-[(3,5-Dimethyl-2H-pyrrol-2-ylidene- ¹⁵ N)(4-nitrophenyl)methyl]-3,5-dimethyl-1H-pyrrol-1-ido- ¹⁵ N}difluoridoboron. Acta Crystallographica Section E: Structure Reports Online, 2012, 68, o63-o63.	0.2	1
236	Gasotransmitters: Physiology and Pathophysiology. , 2012, , .		19
237	Reaction-based small-molecule fluorescent probes for chemoselective bioimaging. Nature Chemistry, 2012, 4, 973-984.	6.6	1,630
238	Controlled Knoevenagel reactions of methyl groups of 1,3,5,7-tetramethyl BODIPY dyes for unique BODIPY dyes. RSC Advances, 2012, 2, 404-407.	1.7	52
239	Highly selective, naked-eye and fluorescent "off-on" probe for detection of histidine/histidine-rich proteins and its application in living cell imaging. Organic and Biomolecular Chemistry, 2012, 10, 1653.	1.5	23
240	Chlorinated BODIPYs: Surprisingly Efficient and Highly Photostable Laser Dyes. European Journal of Organic Chemistry, 2012, 2012, 6335-6350.	1.2	92
241	Synthesis and Fluorescence Properties of Chiral Near-Infrared Emissive Polymers Incorporating BODIPY Derivatives and <i>S</i> -Binaphthyl. Macromolecular Chemistry and Physics, 2012, 213, 2238-2245.	1.1	30

#	ARTICLE	IF	CITATIONS
242	Novel live imaging techniques of cellular functions and in vivo tumors based on precise design of small molecule-based "Activatable"™ fluorescence probes. <i>Current Opinion in Chemical Biology</i> , 2012, 16, 602-608.	2.8	52
243	Copper-promoted probe for nitric oxide based on o-phenylenediamine: Large blue-shift in absorption and fluorescence enhancement. <i>Analytical Methods</i> , 2012, 4, 919.	1.3	15
244	Nitric Oxide Turn-on Fluorescent Probe Based on Deamination of Aromatic Primary Monoamines. <i>Inorganic Chemistry</i> , 2012, 51, 5400-5408.	1.9	90
245	A new dual functional sensor: Highly selective colorimetric chemosensor for Fe ³⁺ and fluorescent sensor for Mg ²⁺ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 594-599.	2.0	87
246	Development of a novel europium(III) complex-based luminescence probe for time-resolved luminescence imaging of the nitric oxide production in neuron cells. <i>Talanta</i> , 2012, 99, 951-958.	2.9	12
247	Fluorescent sensors based on controllable conformational change for discrimination of Zn ²⁺ over Cd ²⁺ . <i>Tetrahedron</i> , 2012, 68, 5458-5463.	1.0	47
248	A tailor designed fluorescent "turn-on"™ sensor of formaldehyde based on the BODIPY motif. <i>Tetrahedron Letters</i> , 2012, 53, 4913-4916.	0.7	78
249	Photopolymerization of Cationic Monomers and Acrylate/Divinylether Blends under Visible Light Using Pyrromethene Dyes. <i>Macromolecules</i> , 2012, 45, 6864-6868.	2.2	75
250	Access to a large stokes shift in functionalized fused coumarin derivatives by increasing the geometry relaxation upon photoexcitation: An experimental and theoretical study. <i>Dyes and Pigments</i> , 2012, 95, 732-742.	2.0	38
251	A BODIPY derivative as a highly selective "Off-On" fluorescent chemosensor for hydrogen sulfate anion. <i>Analyst</i> , 2012, 137, 4497.	1.7	52
252	Structure-property correlation of solid-emissive boron-fluorine derivatives. <i>Journal of Organometallic Chemistry</i> , 2012, 717, 147-151.	0.8	31
253	A highly selective red-emitting FRET fluorescent molecular probe derived from BODIPY for the detection of cysteine and homocysteine: an experimental and theoretical study. <i>Chemical Science</i> , 2012, 3, 1049-1061.	3.7	245
254	A novel copper(â...i) complex-based fluorescence probe for nitric oxide detecting and imaging. <i>Tetrahedron</i> , 2012, 68, 8371-8375.	1.0	15
255	Fluoride anions triggered "Off-On" fluorescent sensor for hydrogen sulfate anions based on a BODIPY scaffold that works as a molecular keypad lock. <i>Sensors and Actuators B: Chemical</i> , 2012, 173, 797-801.	4.0	55
256	A new selective chromogenic and fluorogenic sensor for citrate ion. <i>Sensors and Actuators B: Chemical</i> , 2012, 174, 555-562.	4.0	48
257	Single Fluorescent Probe Responds to H ₂ O ₂ , NO, and H ₂ O ₂ /NO with Three Different Sets of Fluorescence Signals. <i>Journal of the American Chemical Society</i> , 2012, 134, 1305-1315.	6.6	356
258	Highly water-soluble neutral near-infrared emissive BODIPY polymeric dyes. <i>Journal of Materials Chemistry</i> , 2012, 22, 2781-2790.	6.7	37
259	Photochromic Thienylpyridine-Bis(alkynyl)borane Complexes: Toward Readily Tunable Fluorescence Dyes and Photoswitchable Materials. <i>Organic Letters</i> , 2012, 14, 1862-1865.	2.4	78

#	ARTICLE	IF	CITATIONS
260	Analytical Methods for Determination of $\hat{A}\cdot\text{NO}$ and $\hat{A}\cdot\text{NO}_2$ and their Applicability in Biological Studies. <i>Current Pharmaceutical Analysis</i> , 2012, 8, 115-134.	0.3	3
261	Synthesis of sterically hindered antipyridines for intramolecular charge transfer facilitated sensing. <i>Journal of Physical Organic Chemistry</i> , 2012, 25, 1112-1118.	0.9	5
262	Geometry Relaxation-Induced Large Stokes Shift in Red-Emitting Borondipyromethenes (BODIPY) and Applications in Fluorescent Thiol Probes. <i>Journal of Organic Chemistry</i> , 2012, 77, 2192-2206.	1.7	250
263	Imaging beyond the proteome. <i>Chemical Communications</i> , 2012, 48, 8864.	2.2	75
264	Use of BF_2 -BODIPYs as a Protection Strategy for Dipyrrins: Optimization of BF_2 Removal. <i>Journal of Organic Chemistry</i> , 2012, 77, 3439-3453.	1.7	57
265	Fluorescent chemodosimeters using Ca^{2+} -chemical events for the detection of small anions and cations in biological and environmental media. <i>Chemical Society Reviews</i> , 2012, 41, 4511.	18.7	652
266	Fluorescent indicators based on BODIPY. <i>Chemical Society Reviews</i> , 2012, 41, 1130-1172.	18.7	1,942
267	Microchip electrophoresis with amperometric detection for the study of the generation of nitric oxide by NONOate salts. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 2377-2384.	1.9	19
268	New emissive dopamine derivatives as fluorescent chemosensors for metal ions: A CHEF effect for Al(III) interaction. <i>Inorganica Chimica Acta</i> , 2012, 381, 203-211.	1.2	35
269	Real time dynamics of nitric oxide during cardiac ischemia-reperfusion of the rat. <i>Sensors and Actuators B: Chemical</i> , 2012, 161, 480-485.	4.0	6
270	Solid-emissive boron-fluorine derivatives with large Stokes shift. <i>Tetrahedron</i> , 2012, 68, 5037-5041.	1.0	40
271	BODIPY derivatives as n-type organic semiconductors: Isomer effect on carrier mobility. <i>Organic Electronics</i> , 2012, 13, 215-221.	1.4	31
272	Spectroscopic Response of Ferrocene Derivatives Bearing a BODIPY Moiety to Water: A New Dissociation Reaction. <i>Chemistry - A European Journal</i> , 2012, 18, 925-930.	1.7	20
273	Off-on-red-emitting fluorescent probes with large Stokes shifts for nitric oxide imaging in living cells. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 7447-7456.	1.9	17
274	Single Fluorescent Probe Distinguishes Hydrogen Peroxide and Nitric Oxide in Cell Imaging. <i>Methods in Enzymology</i> , 2013, 526, 83-106.	0.4	3
275	A Turn-On Fluorescent Sensor for Methylglyoxal. <i>Journal of the American Chemical Society</i> , 2013, 135, 12429-12433.	6.6	163
276	Targetable Fluorescent Probe for Monitoring Exogenous and Endogenous NO in Mitochondria of Living Cells. <i>Analytical Chemistry</i> , 2013, 85, 7076-7084.	3.2	98
277	A boron dipyrromethene-phthalocyanine pentad as an artificial photosynthetic model. <i>Chemical Communications</i> , 2013, 49, 2998.	2.2	41

#	ARTICLE	IF	CITATIONS
278	Coordination Programming of Photofunctional Molecules. <i>Molecules</i> , 2013, 18, 4091-4119.	1.7	19
279	Optical chemosensors for Cu(II) ion based on BODIPY derivatives: an experimental and theoretical study. <i>Journal of Molecular Modeling</i> , 2013, 19, 4239-4249.	0.8	8
280	Fluorescent sensors based on BODIPY derivatives for aluminium ion recognition: an experimental and theoretical study. <i>Journal of Molecular Modeling</i> , 2013, 19, 1435-1444.	0.8	25
281	Nitric oxide sensors based on copper(II) complexes of N-donor ligands. <i>Inorganica Chimica Acta</i> , 2013, 404, 88-96.	1.2	7
282	Rhenium(i) polypyridine complexes functionalized with a diaminoaromatic moiety as phosphorescent sensors for nitric oxide. <i>New Journal of Chemistry</i> , 2013, 37, 1711.	1.4	29
283	NIR-fluorescent coumarin-fused BODIPY dyes with large Stokes shifts. <i>Chemical Communications</i> , 2013, 49, 11653.	2.2	133
284	1-(Pyridin-2-ylmethyl)-2-(3-(1-(pyridin-2-ylmethyl)benzimidazol-2-yl) propyl) benzimidazole and its copper(II) complex as a new fluorescent sensor for dopamine (4-(2-aminoethyl)benzene-1,2-diol). <i>Inorganic Chemistry Communication</i> , 2013, 31, 37-43.	1.8	26
285	Novel B,O-chelated fluorescent probe for nitric oxide imaging in Raw 264.7 macrophages and onion tissues. <i>Analytica Chimica Acta</i> , 2013, 800, 77-86.	2.6	11
286	A ratiometric fluorescent sensor for selective recognition of Al ³⁺ ions based on a simple benzimidazole platform. <i>RSC Advances</i> , 2013, 3, 20984.	1.7	51
287	Recent developments of fluorescent probes for the detection of gasotransmitters (NO, CO and H ₂ S). <i>Coordination Chemistry Reviews</i> , 2013, 257, 2335-2347.	9.5	176
288	Turn-on selective vitamin B6 derivative fluorescent probe for histidine detection in biological samples. <i>Analyst</i> , 2013, 138, 3642.	1.7	29
289	Efficient Enhancement of the Visible-Light Absorption of Cyclometalated Ir(III) Complexes Triplet Photosensitizers with Bodipy and Applications in Photooxidation and Triplet-Triplet Annihilation Upconversion. <i>Inorganic Chemistry</i> , 2013, 52, 6299-6310.	1.9	128
290	Benzene-fused BODIPYs: synthesis and the impact of fusion mode. <i>Chemical Communications</i> , 2013, 49, 1217.	2.2	92
291	Luminescent Chemodosimeters for Bioimaging. <i>Chemical Reviews</i> , 2013, 113, 192-270.	23.0	2,049
292	Highly sensitive determination of nitric oxide in biologic samples by a near-infrared BODIPY-based fluorescent probe coupled with high-performance liquid chromatography. <i>Talanta</i> , 2013, 116, 335-342.	2.9	14
293	Development of BODIPY-based fluorescent DNA intercalating probes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2013, 264, 41-47.	2.0	22
294	Effective Light-Harvesting Antennae Based on BODIPY-Tethered Carbo Polyfluorenes via Rapid Energy Transferring and Low Concentration Quenching. <i>Macromolecules</i> , 2013, 46, 2599-2605.	2.2	57
295	Functionalization of BODIPY dyes at 2,6-positions through formyl groups. <i>RSC Advances</i> , 2013, 3, 4793.	1.7	25

#	ARTICLE	IF	CITATIONS
296	Chemiluminescence behavior of fluorescent aromatics tethered 9-methylidene-10-methylacridans involving chemiluminescence resonance energy transfer (CRET) quenching. <i>Tetrahedron Letters</i> , 2013, 54, 1338-1343.	0.7	3
297	QM/MM Excited State Molecular Dynamics and Fluorescence Spectroscopy of BODIPY. <i>Journal of Physical Chemistry A</i> , 2013, 117, 2644-2650.	1.1	46
298	Photoinduced energy and charge transfer in a p-phenylene-linked dyad of boron dipyrromethene and monostyryl boron dipyrromethene. <i>Physical Chemistry Chemical Physics</i> , 2013, 15, 6912.	1.3	4
299	Highly Water-Soluble BODIPY-Based Fluorescent Probe for Sensitive and Selective Detection of Nitric Oxide in Living Cells. <i>ACS Applied Materials & Interfaces</i> , 2013, 5, 4107-4112.	4.0	73
300	Synthesis and spectroscopic properties of fluorescent 5-benzimidazolyl-2-deoxyuridines 5-fdU probes obtained from o-phenylenediamine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 1610.	1.5	23
301	A Highly Specific Fluorescent Probe for Hypochlorous Acid and Its Application in Imaging Microbe-Induced HOCl Production. <i>Journal of the American Chemical Society</i> , 2013, 135, 9944-9949.	6.6	360
302	Design and Synthesis of a Ruthenium(II) Complex-Based Luminescent Probe for Highly Selective and Sensitive Luminescence Detection of Nitric Oxide. <i>Journal of Fluorescence</i> , 2013, 23, 1113-1120.	1.3	6
303	Continuing Issues with Lead: Recent Advances in Detection. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 1086-1096.	1.0	55
304	Novel fluorescent probes based on intramolecular charge- and proton-transfer compounds. <i>Pure and Applied Chemistry</i> , 2013, 85, 1465-1478.	0.9	14
305	Fluorescence Photoactivation by Ligand Exchange around the Boron Center of a BODIPY Chromophore. <i>Organic Letters</i> , 2013, 15, 3154-3157.	2.4	33
306	Boron-Phenylpyrrolin Dyes: Facile Synthesis, Structure, and pH-Sensitive Properties. <i>Chemistry - A European Journal</i> , 2013, 19, 7342-7347.	1.7	28
307	A fluorescent and colorimetric chemosensor for nitric oxide based on 1,8-naphthalimide. <i>Dyes and Pigments</i> , 2013, 96, 333-337.	2.0	32
308	Development of the Reliable Fluorometric Assay for the Sensitive Determination of Nitric Oxide Metabolites in Biological Fluids. <i>Applied Mechanics and Materials</i> , 2013, 477-478, 1359-1362.	0.2	0
309	Picomol Assay of Nitric Oxide Screening in Biological Samples by Derivatization Combined with High-Throughput Microplate Format. <i>Applied Mechanics and Materials</i> , 0, 423-426, 1786-1789.	0.2	0
310	10-(3,5-Dinitrophenyl)-5,5-difluoro-1,3,7,9-tetramethyl-5H-dipyrrolo[1,2-c:1',1'-f][1,3,2]diazaborinin-4-ium-5-uide. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2013, 69, o647-o647.	0.2	1
311	A fluorogenic assay for methylglyoxal. <i>Biochemical Society Transactions</i> , 2014, 42, 548-555.	1.6	21
312	^B R ₂ BodPR ₂ : highly fluorescent alternatives to PPh ₃ and PhPCy ₂ . <i>Dalton Transactions</i> , 2014, 43, 13485-13499.	1.6	21
313	Biomimetic Polymers Responsive to a Biological Signaling Molecule: Nitric Oxide Triggered Reversible Self-assembly of Single Macromolecular Chains into Nanoparticles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 7779-7784.	7.2	60

#	ARTICLE	IF	CITATIONS
314	BODIPY-Based Oligo(ethylene glycol) Dendrons as Fluorescence Thermometers: When Thermoresponsiveness Meets Intramolecular Electron/Charge Transfer. <i>Chemistry - A European Journal</i> , 2014, 20, 16634-16643.	1.7	33
315	Cyclometalated Iridium(III) Bipyridyl-Phenylenediamine Complexes with Multicolor Phosphorescence: Synthesis, Electrochemistry, Photophysics, and Intracellular Nitric Oxide Sensing. <i>ChemMedChem</i> , 2014, 9, 1316-1329.	1.6	29
317	Establishment of a Sensitive Nitric Oxide Bioassay for Bioscreening Application. <i>Advanced Materials Research</i> , 2014, 887-888, 562-565.	0.3	0
318	Characterization of a Fluorescent Probe for Imaging Nitric Oxide. <i>Journal of Vascular Research</i> , 2014, 51, 68-79.	0.6	8
319	Design Strategies for Water-Soluble Small Molecular Chromogenic and Fluorogenic Probes. <i>Chemical Reviews</i> , 2014, 114, 590-659.	23.0	1,562
320	Highly selective two-photon fluorescent probe for imaging of nitric oxide in living cells. <i>Chinese Chemical Letters</i> , 2014, 25, 19-23.	4.8	18
321	The synthesis, characterization, crystal structure and theoretical calculations of a new meso-BOBIPY substituted phthalonitrile. <i>Journal of Luminescence</i> , 2014, 149, 297-305.	1.5	7
322	Novel surfactant-like pyrene derivatives: synthesis, fluorescent properties and sensing applications. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2014, 444, 307-313.	2.3	2
323	Determination of Fatty Acids in Saliva of Smokers and Nonsmokers by HPLC with Fluorescence Detection Using a Hydrazine-Based Difluoro-boraindacene Reagent. <i>Chromatographia</i> , 2014, 77, 431-438.	0.7	4
324	Sensitive and Selective PET-Based π -expanded Phenanthrimidazole Luminophore for Zn ²⁺ Ion. <i>Journal of Fluorescence</i> , 2014, 24, 827-834.	1.3	7
325	Green Photocatalysis with Oxygen Sensitive BODIPYs under Visible Light. <i>Catalysis Letters</i> , 2014, 144, 308-313.	1.4	21
326	Synthesis and Transformations of 5-Chloro-2,2'-Dipyrrins and Their Boron Complexes, 8-Chloro-BODIPYs. <i>Chemistry - A European Journal</i> , 2014, 20, 5064-5074.	1.7	45
327	Photosynthetic Antenna Reaction Center Mimicry by Using Boron Dipyrromethene Sensitizers. <i>ChemPhysChem</i> , 2014, 15, 30-47.	1.0	222
328	From yellow to pink using a fluorimetric and colorimetric pyrene derivative and mercury (II) ions. <i>Dyes and Pigments</i> , 2014, 110, 152-158.	2.0	21
329	Synthesis, Characterization, and Photophysical Properties of Bodipy-Spirooxazine and -Spiropyran Conjugates: Modulation of Fluorescence Resonance Energy Transfer Behavior via Acidochromic and Photochromic Switching. <i>ACS Applied Materials & Interfaces</i> , 2014, 6, 1550-1562.	4.0	75
330	Modular logic gates: cascading independent logic gates via metal ion signals. <i>Dalton Transactions</i> , 2014, 43, 67-70.	1.6	40
331	A Fluorescence Switch for the Detection of Nitric Oxide and Histidine and Its Application in Live Cell Imaging. <i>ChemPlusChem</i> , 2014, 79, 1761-1766.	1.3	26
332	Masking and Demasking Strategies for the BF ₂ -BODIPYs as a Tool for BODIPY Fluorophores. <i>Journal of Organic Chemistry</i> , 2014, 79, 10981-10987.	1.7	29

#	ARTICLE	IF	CITATIONS
333	A specific fluorescent probe for NO based on a new NO-binding group. <i>Chemical Communications</i> , 2014, 50, 7499-7502.	2.2	48
334	A Mitochondria-Targetable Fluorescent Probe for Dual-Channel NO Imaging Assisted by Intracellular Cysteine and Glutathione. <i>Journal of the American Chemical Society</i> , 2014, 136, 12520-12523.	6.6	184
335	Facile synthesis of boronic acids on a BODIPY core with promising sensitivity towards polyols. <i>RSC Advances</i> , 2014, 4, 43931-43933.	1.7	10
336	Water-soluble BODIPY and aza-BODIPY dyes: synthetic progress and applications. <i>Frontiers of Chemical Science and Engineering</i> , 2014, 8, 405-417.	2.3	101
337	The rational design of a highly sensitive and selective fluorogenic probe for detecting nitric oxide. <i>Chemical Communications</i> , 2014, 50, 6475-6478.	2.2	57
338	Oxidation-responsive polymers for biomedical applications. <i>Journal of Materials Chemistry B</i> , 2014, 2, 3413-3426.	2.9	162
339	1,2,3-Triazoles Fused to Aromatic Rings. <i>Topics in Heterocyclic Chemistry</i> , 2014, , 325-378.	0.2	9
340	Dual labeling for simultaneous determination of nitric oxide, glutathione and cysteine in macrophage RAW264.7 cells by microchip electrophoresis with fluorescence detection. <i>Journal of Chromatography A</i> , 2014, 1359, 309-316.	1.8	6
341	Rhenium(II) Polypyridine Diamine Complexes as Intracellular Phosphorogenic Sensors: Synthesis, Characterization, Emissive Behavior, Biological Properties, and Nitric Oxide Sensing. <i>Chemistry - A European Journal</i> , 2014, 20, 9633-9642.	1.7	31
342	Utilization of the photophysical and photochemical properties of phosphorescent transition metal complexes in the development of photofunctional cellular sensors, imaging reagents, and cytotoxic agents. <i>RSC Advances</i> , 2014, 4, 10560.	1.7	84
343	Designing an Intracellular Fluorescent Probe for Glutathione: Two Modulation Sites for Selective Signal Transduction. <i>Organic Letters</i> , 2014, 16, 3260-3263.	2.4	97
344	An Azido-BODIPY Probe for Glycosylation: Initiation of Strong Fluorescence upon Triazole Formation. <i>Journal of the American Chemical Society</i> , 2014, 136, 9953-9961.	6.6	90
345	Ratiometric sensing of fluoride and acetate anions based on a BODIPY-azaindole platform and its application to living cell imaging. <i>Analyst</i> , The, 2014, 139, 309-317.	1.7	68
346	High-bright fluorescent carbon dots and their application in selective nucleoli staining. <i>Journal of Materials Chemistry B</i> , 2014, 2, 5077.	2.9	45
347	A novel low bandgap conjugated polymer based on Ru(II) bis(acetylide) complex and BODIPY moieties. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1686-1692.	2.5	10
348	Highly Sensitive Low-Background Fluorescent Probes for Imaging of Nitric Oxide in Cells and Tissues. <i>Analytical Chemistry</i> , 2014, 86, 3115-3123.	3.2	82
349	Nitric oxide sensitive fluorescent polymeric hydrogels showing negligible interference by dehydroascorbic acid. <i>European Polymer Journal</i> , 2014, 55, 108-113.	2.6	7
351	Intracellular Guest Exchange between Dynamic Supramolecular Hosts. <i>Journal of the American Chemical Society</i> , 2014, 136, 7907-7913.	6.6	38

#	ARTICLE	IF	CITATIONS
353	A Dansylâ€“Diethylenetriamineâ€“Thiourea Conjugate as a Fluorescent Chemodosimeter for Hg ²⁺ Ions in Water Media. <i>Chemistry Letters</i> , 2014, 43, 1034-1036.	0.7	9
354	Fragmentation patterns of boronâ€“dipyrrromethene (BODIPY) dyes by electrospray ionization highâ€“resolution tandem mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2015, 29, 885-890.	0.7	4
355	A Boron Dipyrrromethene (BODIPY)â€“Based Cu ^{II} â€“Bipyridine Complex for Highly Selective NO Detection. <i>Chemistry - A European Journal</i> , 2015, 21, 15486-15490.	1.7	19
356	Lowâ€“Bandâ€“Gap BODIPY Conjugated Copolymers for Sensing Volatile Organic Compounds. <i>Chemistry - A European Journal</i> , 2015, 21, 17344-17354.	1.7	28
357	Real-Time Detection of Nitric Oxide Release in Live Cells Utilizing Fluorinated Xerogel-Derived Nitric Oxide Sensor. , 2015, , .		0
358	A fluorescent probe for hypochlorite based on the modulation of the unique rotation of the Nâ€“N single bond in acetohydrazide. <i>Chemical Communications</i> , 2015, 51, 10435-10438.	2.2	93
359	Functionalization of cyclometalated iridium(III) polypyridine complexes for the design of intracellular sensors, organelle-targeting imaging reagents, and metallodrugs. <i>Inorganic Chemistry Frontiers</i> , 2015, 2, 510-524.	3.0	69
360	Thermodynamically feasible photoelectron transfer from bioactive Î€-expanded imidazole luminophores to ZnO nanocrystals. <i>New Journal of Chemistry</i> , 2015, 39, 1800-1813.	1.4	3
361	BODIPYâ€“Based Fluorescent Thermometer as a Lysosomeâ€“Targetable Probe: How the Oligo(ethylene) Tj ETQq0 0.0,rgBT /Overlock 10	1.7	33
362	A Nearâ€“Infrared Fluorescence Probe for Thiols Based on Analyteâ€“Specific Cleavage of Carbamate and Its Application in Bioimaging. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 1711-1718.	1.2	27
363	Recent Progress on the Development of Chemosensors for Gases. <i>Chemical Reviews</i> , 2015, 115, 7944-8000.	23.0	661
364	A facile colorimetric and fluorescent cyanide chemosensor: utilization of the nucleophilic addition induced by resonance-assisted hydrogen bond. <i>Tetrahedron</i> , 2015, 71, 857-862.	1.0	39
365	A highly selective fluorescent probe for fast detection of nitric oxide in aqueous solution. <i>RSC Advances</i> , 2015, 5, 13307-13310.	1.7	34
366	A facile and high-yield formation of dipyrin-boronic acid dyads and triads: a light-harvesting system in the visible region based on the efficient energy transfer. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 2574-2581.	1.5	18
367	Synthesis and application of Vis/NIR dialkylaminophenylbuta-1,3-dienyl borondipyrrromethene dyes. <i>Chinese Chemical Letters</i> , 2015, 26, 834-838.	4.8	7
368	Discovery, Understanding, and Bioapplication of Organic Fluorophore: A Case Study with an Indolizine-Based Novel Fluorophore, Seoul-Fluor. <i>Accounts of Chemical Research</i> , 2015, 48, 538-547.	7.6	222
369	Energy-transfer studies on phthalocyanineâ€“BODIPY light harvesting pentad by laser flash photolysis. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015, 19, 261-269.	0.4	10
370	Capillary Electrophoresis Strategy to Monitor the Released and Remaining Nitric Oxide from the Same Single Cell Using a Specially Designed Water-Soluble Fluorescent Probe. <i>Analytical Chemistry</i> , 2015, 87, 3989-3995.	3.2	26

#	ARTICLE	IF	CITATIONS
371	Cationic Anion Dual Sensing of a Fluorescent Quinoxalinone Derivative Using Lactam Lactim Tautomerism. <i>Journal of Physical Chemistry A</i> , 2015, 119, 6223-6231.	1.1	43
372	Aggregation-Induced Emission from Fluorophore-Quencher Dyads with Long-Lived Luminescence. <i>Journal of Physical Chemistry A</i> , 2015, 119, 8854-8859.	1.1	20
373	Combining the PeT and ICT mechanisms into one chemosensor for the highly sensitive and selective detection of zinc. <i>RSC Advances</i> , 2015, 5, 57141-57146.	1.7	30
374	Meso-Alkynylated Tetraphenylethylene (TPE) and 2,3,3-Triphenylacrylonitrile (TPAN) Substituted BODIPYs. <i>Journal of Organic Chemistry</i> , 2015, 80, 8018-8025.	1.7	42
375	CalFluors: A Universal Motif for Fluorogenic Azide Probes across the Visible Spectrum. <i>Journal of the American Chemical Society</i> , 2015, 137, 7145-7151.	6.6	140
376	The fluorescence regulation mechanism of the paramagnetic metal in a biological HNO sensor. <i>Chemical Communications</i> , 2015, 51, 9616-9619.	2.2	88
377	BODIPY-based probes for the fluorescence imaging of biomolecules in living cells. <i>Chemical Society Reviews</i> , 2015, 44, 4953-4972.	18.7	1,091
378	Using photochemistry to understand and control the production of reactive oxygen species in biological environments. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2015, 306, 1-12.	2.0	17
379	Near-infrared emission of dibenzoxanthenium and its application in the design of nitric oxide probes. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4532-4538.	1.5	21
380	When Push Comes to Shove: Unravelling the Mechanism and Scope of Nonemissive meso-Unsaturated BODIPY Dyes. <i>Journal of Physical Chemistry B</i> , 2015, 119, 4758-4765.	1.2	40
381	Design and synthesis of fluorenone-based dyes: two-photon excited fluorescent probes for imaging of lysosomes and mitochondria in living cells. <i>Journal of Materials Chemistry B</i> , 2015, 3, 3315-3323.	2.9	50
382	A simple pincer-type chemosensor for reversible fluorescence turn-on detection of zinc ion at physiological pH range. <i>New Journal of Chemistry</i> , 2015, 39, 4162-4167.	1.4	11
383	Energy-Transfer Schemes To Probe Fluorescent Nanocarriers and Their Emissive Cargo. <i>Langmuir</i> , 2015, 31, 9557-9565.	1.6	18
384	Ratiometric Time-Gated Luminescence Probe for Nitric Oxide Based on an Apoferritin-Assembled Lanthanide Complex-Rhodamine Luminescence Resonance Energy Transfer System. <i>Analytical Chemistry</i> , 2015, 87, 10878-10885.	3.2	35
385	A theoretical study of a series of novel two-photon nitric oxide (NO) fluorescent probes based on BODIPY. <i>New Journal of Chemistry</i> , 2015, 39, 8342-8355.	1.4	11
386	Fluorescent probes for real-time measurement of nitric oxide in living cells. <i>Analyst</i> , 2015, 140, 7129-7141.	1.7	70
387	Arene-based fluorescent probes for the selective detection of iron. <i>RSC Advances</i> , 2015, 5, 97874-97882.	1.7	68
388	A membrane permeable fluorescent Ca ²⁺ probe based on bis-BODIPY with branched PEG. <i>Journal of Materials Chemistry B</i> , 2015, 3, 894-898.	2.9	19

#	ARTICLE	IF	CITATIONS
389	Metal Complexes of a Boronâ€Dipyrrromethene (BODIPY)â€Tagged Nâ€Heterocyclic Carbene (NHC) as Luminescent Carbon Monoxide Chemodosimeters. <i>Chemistry - A European Journal</i> , 2015, 21, 1088-1095.	1.7	38
390	A new rhodamineâ€based fluorescent chemodosimeter for mercuric ions in water media. <i>Luminescence</i> , 2015, 30, 325-329.	1.5	11
391	Turn on Fluorescent Probes for Selective Targeting of Aldehydes. <i>Chemosensors</i> , 2016, 4, 5.	1.8	9
392	Robust synthesis of F-BODIPYs. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 11473-11479.	1.5	11
393	Rational design of piperidine functionalized boronâ€dipyrrromethene as fluorescent chromoionophore for ion-selective optodes. <i>Sensors and Actuators B: Chemical</i> , 2016, 232, 37-42.	4.0	8
394	A turn-on fluorescent chemosensor selectively detects cyanide in pure water and food sample. <i>Tetrahedron Letters</i> , 2016, 57, 2767-2771.	0.7	30
395	A â€turn-onâ€ fluorescent probe for the detection of Cu ²⁺ in living cells based on a signaling mechanism of Ni ²⁺ isomerization. <i>New Journal of Chemistry</i> , 2016, 40, 6264-6269.	1.4	24
396	SERS nanoprobe for the monitoring of endogenous nitric oxide in living cells. <i>Biosensors and Bioelectronics</i> , 2016, 85, 324-330.	5.3	56
397	A new cyclotriphosphazene appended phenanthroline derivative as a highly selective and sensitive OFFâ€ON fluorescent chemosensor for Al ³⁺ ions. <i>Dyes and Pigments</i> , 2016, 132, 230-236.	2.0	39
398	Understanding of the Offâ€On Response Mechanism in Caged Fluorophores Based on Quantum and Statistical Mechanics. <i>Journal of Physical Chemistry B</i> , 2016, 120, 4449-4456.	1.2	9
399	A 1,8-naphthalimide-derived turn-on fluorescent probe for imaging lysosomal nitric oxide in living cells. <i>Chinese Chemical Letters</i> , 2016, 27, 1554-1558.	4.8	39
400	Systematic Modulation of the Fluorescence Brightness in Boronâ€Dipyrrromethene (BODIPY)â€Tagged Nâ€Heterocyclic Carbene (NHC)â€Goldâ€Thiolates. <i>Chemistry - A European Journal</i> , 2016, 22, 18066-18072.	1.7	12
401	Highly sensitive ratiometric fluorescence probes for nitric oxide based on dihydropyridine and potentially useful in bioimaging. <i>RSC Advances</i> , 2016, 6, 113219-113227.	1.7	11
402	BOIMPYs â€ ein schneller Zugang zu einer Familie rot emittierender Fluorophore und NIRâ€Farbstoffe. <i>Angewandte Chemie</i> , 2016, 128, 13534-13539.	1.6	20
403	Chiral benzo-fused Aza-BODIPYs with optical activity extending into the NIR range. <i>Dyes and Pigments</i> , 2016, 134, 427-433.	2.0	19
404	Structural Implications on the Properties of Self-Assembling Supramolecular Hosts for Fluorescent Guests. <i>Langmuir</i> , 2016, 32, 8676-8687.	1.6	10
405	BODIPYâ€Appended 2â€(2â€Pyridyl)benzimidazole Platinum(II) Catecholates for Mitochondriaâ€Targeted Photocytotoxicity. <i>ChemMedChem</i> , 2016, 11, 1956-1967.	1.6	31
406	A Waterâ€Soluble Copper(II) Complex for the Selective Fluorescence Detection of Nitric Oxide/Nitroxyl and Imaging in Living Cells. <i>ChemPlusChem</i> , 2016, 81, 30-34.	1.3	28

#	ARTICLE	IF	CITATIONS
407	NLOphoric and solid state emissive BODIPY dyes containing N -phenylcarbazole core at meso position â€“ Synthesis, photophysical properties of and DFT studies. <i>Journal of Luminescence</i> , 2016, 179, 420-428.	1.5	16
408	A Photoswitchable Fluorophore for the Realâ€“Time Monitoring of Dynamic Events in Living Organisms. <i>Chemistry - A European Journal</i> , 2016, 22, 15027-15034.	1.7	25
409	Nonlinear refraction and absorption activity of dimethylaminostyryl substituted BODIPY dyes. <i>RSC Advances</i> , 2016, 6, 84854-84859.	1.7	87
410	An Amphiphilic Fluorescent Probe Designed for Extracellular Visualization of Nitric Oxide Released from Living Cells. <i>Analytical Chemistry</i> , 2016, 88, 9014-9021.	3.2	53
411	Orthogonal Bodipy Trimers as Photosensitizers for Photodynamic Action. <i>Organic Letters</i> , 2016, 18, 4821-4823.	2.4	52
412	BOIMPYs: Rapid Access to a Family of Redâ€“Emissive Fluorophores and NIR Dyes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 13340-13344.	7.2	83
413	A lipophilic copper(II) complex as an optical probe for intracellular detection of NO. <i>Dalton Transactions</i> , 2016, 45, 18177-18182.	1.6	10
414	An Approach for the Selective Detection of Nitric Oxide in Biological Systems: An inâ€“vitro and inâ€“vivo Perspective. <i>Chemistry - An Asian Journal</i> , 2016, 11, 1020-1027.	1.7	23
415	Synthesis, Electrochemistry, and Photophysics of Azaâ€“BODIPY Porphyrin Dyes. <i>Chemistry - A European Journal</i> , 2016, 22, 4971-4979.	1.7	25
416	Real-time intravital imaging of pH variation associated with osteoclast activity. <i>Nature Chemical Biology</i> , 2016, 12, 579-585.	3.9	80
417	Synthesis and fluorescence properties of six fluorescein-nitroxide radical hybrid-compounds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 169, 66-71.	2.0	7
418	Naked-eye fluorescent sensor for Cu(II) based on indole conjugate BODIPY dye. <i>Polyhedron</i> , 2016, 117, 161-171.	1.0	58
419	Bodipy recognizes polyaromatic hydrocarbons via Câ€“Hâ€“F type weak H-bonding. <i>RSC Advances</i> , 2016, 6, 59237-59241.	1.7	6
420	Water-soluble Hantzsch ester as switch-on fluorescent probe for efficiently detecting nitric oxide. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 169, 1-6.	2.0	22
421	Unexpected Photoâ€“instability of 2,6â€“Sulfonamideâ€“Substituted BODIPYs and Its Application to Caged GABA. <i>ChemBioChem</i> , 2016, 17, 1233-1240.	1.3	16
422	Coumarinâ€“pyrene conjugate: Synthesis, structure and Cu-selective fluorescent sensing in mammalian kidney cells. <i>Journal of Luminescence</i> , 2016, 171, 159-165.	1.5	29
423	Nitric Oxide (NO) Endows Arylamine-Containing Block Copolymers with Unique Photoresponsive and Switchable LCST Properties. <i>Macromolecules</i> , 2016, 49, 2741-2749.	2.2	16
424	Advances in development of fluorescent probes for detecting amyloid-Î² aggregates. <i>Acta Pharmacologica Sinica</i> , 2016, 37, 719-730.	2.8	67

#	ARTICLE	IF	CITATIONS
425	One-Step Fabrication of Fluorescent Carbon Dots for Selective and Sensitive Detection of Cr (VI) in Living Cells. <i>Nano</i> , 2016, 11, 1650012.	0.5	9
426	Linear and Nonlinear Optical Spectroscopy of Fluoroalkylated BODIPY Dyes. <i>Journal of Physical Chemistry C</i> , 2016, 120, 4538-4545.	1.5	37
427	Synthesis and spectroscopic properties of β , β' -dibenzo-3,5,8-triaryl-BODIPYs. <i>New Journal of Chemistry</i> , 2016, 40, 5740-5751.	1.4	16
428	Efficient Bimolecular Mechanism of Photochemical Hydrogen Production Using Halogenated Boron-Dipyrromethene (Bodipy) Dyes and a Bis(dimethylglyoxime) Cobalt(III) Complex. <i>Journal of Physical Chemistry B</i> , 2016, 120, 527-534.	1.2	49
429	Fast-response and highly selective fluorescent probes for biological signaling molecule NO based on N-nitrosation of electron-rich aromatic secondary amines. <i>Biomaterials</i> , 2016, 78, 11-19.	5.7	71
430	Engineering a nanolab for the determination of lysosomal nitric oxide by the rational design of a pH-activatable fluorescent probe. <i>Chemical Science</i> , 2016, 7, 1920-1925.	3.7	43
431	Selective and Reversible Approaches Toward Imaging Redox Signaling Using Small-Molecule Probes. <i>Antioxidants and Redox Signaling</i> , 2016, 24, 713-730.	2.5	22
432	Fluorescent probes for the selective detection of chemical species inside mitochondria. <i>Chemical Communications</i> , 2016, 52, 1094-1119.	2.2	254
433	A highly selective near-infrared fluorescent probe for imaging H_2Se in living cells and in vivo. <i>Chemical Science</i> , 2016, 7, 1051-1056.	3.7	66
434	Fluorescence patterning with mild illumination in polymer films of photocleavable oxazines. <i>Journal of Materials Chemistry C</i> , 2017, 5, 1179-1183.	2.7	11
435	Aggregation-induced emission: mechanistic study of the clusteroluminescence of tetrathienylethene. <i>Chemical Science</i> , 2017, 8, 2629-2639.	3.7	95
436	Aromatic primary monoamine-based fast-response and highly specific fluorescent probes for imaging the biological signaling molecule nitric oxide in living cells and organisms. <i>Journal of Materials Chemistry B</i> , 2017, 5, 2483-2490.	2.9	19
437	Thermally-Activated, Delayed Fluorescence in O,B,O- and N,B,O-Strapped Boron Dipyrromethene Derivatives. <i>Journal of Physical Chemistry A</i> , 2017, 121, 2096-2107.	1.1	11
438	Design and synthesis of temperature-responsive polymer/silica hybrid nanoparticles and application to thermally controlled cellular uptake. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017, 153, 2-9.	2.5	16
439	Simultaneous monitoring of intra- and extracellular nitric oxide in living cells by means of dual-color fluorescence imaging. <i>Nitric Oxide - Biology and Chemistry</i> , 2017, 67, 30-38.	1.2	5
440	The design, synthesis and fluorescence chemosensor property of a Schiff base derivative. <i>Journal of Luminescence</i> , 2017, 188, 246-251.	1.5	6
441	Enrichment and fluorogenic labelling of 5-formyluracil in DNA. <i>Chemical Science</i> , 2017, 8, 4505-4510.	3.7	36
442	An Optimized Two-Photon Fluorescent Probe for Biological Sensing and Imaging of Catecholâ€Methyltransferase. <i>Chemistry - A European Journal</i> , 2017, 23, 10800-10807.	1.7	32

#	ARTICLE	IF	CITATIONS
443	Highly specific C–C bond cleavage induced FRET fluorescence for in vivo biological nitric oxide imaging. <i>Chemical Science</i> , 2017, 8, 2199-2203.	3.7	38
444	Soluble Graphene Nanoribbons from Planarization of Oligophenylenes. <i>Chemistry - A European Journal</i> , 2017, 23, 1686-1693.	1.7	6
445	Acetylacetonate-BODIPY-Biscyclometalated Iridium(III) Complexes: Effective Strategy towards Smarter Fluorescent Photosensitizer Agents. <i>Chemistry - A European Journal</i> , 2017, 23, 10139-10147.	1.7	38
446	Synthesis and electrochemical characterization of BODIPY dyes bearing polymerizable substituents. <i>Inorganica Chimica Acta</i> , 2017, 466, 130-138.	1.2	14
447	Imidazole/benzimidazole-modified cyclotriphosphazenes as highly selective fluorescent probes for Cu ²⁺ : synthesis, configurational isomers, and crystal structures. <i>Dalton Transactions</i> , 2017, 46, 9140-9156.	1.6	37
448	A highly sensitive and selective novel fluorescent chemosensor for detection of Cr ³⁺ based on a Schiff base. <i>Inorganica Chimica Acta</i> , 2017, 462, 241-248.	1.2	20
449	A highly selective colorimetric and "Off-On" fluorescence sensor for CN ⁻ based on Zn(salphenazine) complex. <i>Science China Chemistry</i> , 2017, 60, 754-760.	4.2	11
450	A Smart Molecule for Selective Sensing of Nitric Oxide: Conversion of NO to HSNO; Relevance of Biological HSNO Formation. <i>Inorganic Chemistry</i> , 2017, 56, 4324-4331.	1.9	33
451	Decorated BODIPY Fluorophores and Thiol-Reactive Fluorescence Probes by an Aldol Addition. <i>Organic Letters</i> , 2017, 19, 2090-2093.	2.4	30
452	Oxazole-based high resolution ratiometric fluorescent probes for hydrogen peroxide detection. <i>Sensors and Actuators B: Chemical</i> , 2017, 247, 609-616.	4.0	24
453	HIPE Polymerization Materials Functionalized with Iodine-BODIPY on the Surface as Porous Heterogeneous Visible-Light Photocatalysts. <i>Chemistry - an Asian Journal</i> , 2017, 12, 392-396.	1.7	10
454	Aza-BODIPYs: A Tetrazole Auxochrome for Highly Red-Emissive Dipyromethene-Based Fluorophores. <i>Chemistry - A European Journal</i> , 2017, 23, 15903-15907.	1.7	24
455	Synthesis and characterization of chiral and achiral diamines containing one or two BODIPY molecules. <i>New Journal of Chemistry</i> , 2017, 41, 14370-14378.	1.4	13
456	Supramolecular assembly affording a ratiometric two-photon fluorescent nanoprobe for quantitative detection and bioimaging. <i>Chemical Science</i> , 2017, 8, 8214-8220.	3.7	47
457	Ethylene-Bridged Oligo-BODIPYs: Access to Intramolecular J-Aggregates and Superfluorophores. <i>Journal of the American Chemical Society</i> , 2017, 139, 15104-15113.	6.6	84
458	Dimeric BODIPYs with different linkages: A systematic investigation on structure-properties relationship. <i>Tetrahedron</i> , 2017, 73, 6894-6900.	1.0	12
459	Locally Excited State-Charge Transfer State Coupled Dyes as Optically Responsive Neuron Firing Probes. <i>Chemistry - A European Journal</i> , 2017, 23, 14639-14649.	1.7	12
460	The molecular structures and spectroscopic properties of the ground state and the first excited state of pVP. <i>Computational and Theoretical Chemistry</i> , 2017, 1117, 266-275.	1.1	0

#	ARTICLE	IF	CITATIONS
461	Rational design of a fast and selective near-infrared fluorescent probe for targeted monitoring of endogenous nitric oxide. <i>Chemical Communications</i> , 2017, 53, 10520-10523.	2.2	51
462	Precision gas therapy using intelligent nanomedicine. <i>Biomaterials Science</i> , 2017, 5, 2226-2230.	2.6	98
463	Selective and Real-Time Detection of Nitric Oxide by a Two-Photon Fluorescent Probe in Live Cells and Tissue Slices. <i>Analytical Chemistry</i> , 2017, 89, 10511-10519.	3.2	59
464	A BODIPY-based two-photon fluorescent probe validates tyrosinase activity in live cells. <i>Chemical Communications</i> , 2017, 53, 11213-11216.	2.2	49
465	Sequential recognition of Hg ²⁺ and I ^{âˆ’} based on a novel BODIPY-salen sensor. <i>Sensors and Actuators B: Chemical</i> , 2017, 253, 1194-1198.	4.0	11
466	Nitric Oxide Sensing through Azo-Dye Formation on Carbon Dots. <i>ACS Sensors</i> , 2017, 2, 1215-1224.	4.0	63
467	Multicarbazolyl substituted TTM radicals: red-shift of fluorescence emission with enhanced luminescence efficiency. <i>Materials Chemistry Frontiers</i> , 2017, 1, 2132-2135.	3.2	41
468	Selective and sensitive visualization of endogenous nitric oxide in living cells and animals by a Si-rhodamine deoxylactam-based near-infrared fluorescent probe. <i>Chemical Science</i> , 2017, 8, 6857-6864.	3.7	71
469	Instantaneous Colorimetric and Fluorogenic Detection of Phosgene with a <i>meso</i> -Oxime-BODIPY. <i>Analytical Chemistry</i> , 2017, 89, 12837-12842.	3.2	69
470	A new strategy for fabrication of water dispersible and biodegradable fluorescent organic nanoparticles with AIE and ESIPT characteristics and their utilization for bioimaging. <i>Talanta</i> , 2017, 174, 803-808.	2.9	43
471	Tuning the nonlinear optical properties of BODIPYs by functionalization with dimethylaminostyryl substituents. <i>Dyes and Pigments</i> , 2017, 137, 507-511.	2.0	40
472	A reaction-based fluorescent probe for the selective detection of formaldehyde and methylglyoxal via distinct emission patterns. <i>Dyes and Pigments</i> , 2017, 138, 23-29.	2.0	56
473	A colorimetric and reversible fluorescent chemosensor for Ag ⁺ in aqueous solution and its application in IMPLICATION logic gate. <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 671-678.	4.0	68
474	A novel multifunctional BODIPY-derived probe for the sequential recognition of Hg ²⁺ and I ^{âˆ’} , and the fluorometric detection of Cr ³⁺ . <i>Sensors and Actuators B: Chemical</i> , 2017, 239, 883-889.	4.0	32
475	Development of a novel lysosome-targetable time-gated luminescence probe for ratiometric and luminescence lifetime detection of nitric oxide in vivo. <i>Chemical Science</i> , 2017, 8, 1969-1976.	3.7	76
476	Near-IR Fluorescent Probes for Bioimaging. , 2017, , 107-127.		3
477	Utilization of a Fluorescent Dye Molecule as a Proton and Electron Reservoir. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3377-3380.	7.2	21
478	Design and synthesis of a 2-hydroxy-1-naphthaldehyde -based fluorescent chemosensor for selective detection of aluminium ion. <i>Inorganica Chimica Acta</i> , 2018, 478, 112-117.	1.2	19

#	ARTICLE	IF	CITATIONS
479	J-Aggregation induced emission enhancement of a thienyl substituted bis(difluoroboron)-1,2-bis((1H-pyrrol-2-yl)methylene)hydrazine (BOPHY) dye. <i>New Journal of Chemistry</i> , 2018, 42, 8271-8275.	1.4	17
480	Development of a fluorescent probe for detection of citrulline based on photo-induced electron transfer. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2018, 28, 969-973.	1.0	9
481	SERS-active multi-channel fluorescent probe for NO: Guide to discriminate intracellular biothiols. <i>Sensors and Actuators B: Chemical</i> , 2018, 260, 165-173.	4.0	13
482	Recent Progress on the Exploration of the Biological Utility of Cyclometalated Iridium(III) Complexes. <i>Journal of the Chinese Chemical Society</i> , 2018, 65, 352-367.	0.8	10
483	A rhodamine-based turn-on nitric oxide sensor in aqueous medium with endogenous cell imaging: an unusual formation of nitrosohydroxylamine. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3910-3920.	1.5	11
484	A new Schiff-base as fluorescent chemosensor for selective detection of Cr ³⁺ : An experimental and theoretical study. <i>Tetrahedron</i> , 2018, 74, 2251-2260.	1.0	20
485	A BODIPY-based dual-responsive turn-on fluorescent probe for NO and nitrite. <i>Dyes and Pigments</i> , 2018, 155, 276-283.	2.0	34
486	Utilization of a Fluorescent Dye Molecule as a Proton and Electron Reservoir. <i>Angewandte Chemie</i> , 2018, 130, 3435-3438.	1.6	3
487	The fluorescent property of 3-[(2-hydroxy-1-naphthyl) methylideneamino]benzoic acid and its application as fluorescent chemosensor for Hg ²⁺ and Al ³⁺ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 188, 1-7.	2.0	19
488	Reaction-based BODIPY probes for selective bio-imaging. <i>Coordination Chemistry Reviews</i> , 2018, 354, 121-134.	9.5	263
489	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
490	Unexpected Nucleophilic Substitution Reaction of BODIPY: Preparation of the BODIPY-TEMPO Triad Showing Radical-Enhanced Intersystem Crossing. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 885-895.	1.2	26
491	Conformational switching <i>via</i> an intramolecular H-bond modulates the fluorescence lifetime in a novel coumarin-imidazole conjugate. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 6060-6072.	1.3	10
492	Energy transfer and charge separation dynamics in photoexcited pyrene-bodipy molecular dyads. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 837-849.	1.3	22
493	Single-Sided Competitive Axial Coordination of G-Quadruplex/Hemin as Molecular Switch for Imaging Intracellular Nitric Oxide. <i>Chemistry - A European Journal</i> , 2019, 25, 490-494.	1.7	12
494	Recent advances in the synthesis of <i>benzo-fused</i> BODIPY fluorophores. <i>Chemical Communications</i> , 2018, 54, 12914-12929.	2.2	79
495	Nitric Oxide Sensing through 1,2,3,4-Oxatriazole Formation from Acylhydrazide: A Kinetic Study. <i>Journal of Organic Chemistry</i> , 2018, 83, 13287-13295.	1.7	20
496	A rhodamine-based fast and selective fluorescent probe for monitoring exogenous and endogenous nitric oxide in live cells. <i>Journal of Materials Chemistry B</i> , 2018, 6, 4096-4103.	2.9	27

#	ARTICLE	IF	CITATIONS
497	Fluorescent Dyes in Organometallic Chemistry: Coumarin-Tagged NHC-Metal Complexes. <i>European Journal of Inorganic Chemistry</i> , 2018, 2018, 2935-2943.	1.0	16
498	Fluorescent probes for detecting cysteine. <i>Methods and Applications in Fluorescence</i> , 2018, 6, 042001.	1.1	33
499	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
500	Highly selective, red emitting BODIPY-based fluorescent indicators for intracellular Mg ²⁺ imaging. <i>Journal of Materials Chemistry B</i> , 2018, 6, 7247-7256.	2.9	28
501	Carborane-BODIPY Dyads: New Photoluminescent Materials through an Efficient Heck Coupling. <i>Chemistry - A European Journal</i> , 2018, 24, 15622-15630.	1.7	25
502	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
503	Targetable, two-photon fluorescent probes for local nitric oxide capture in the plasma membranes of live cells and brain tissues. <i>Analyst</i> , 2018, 143, 4180-4188.	1.7	39
504	Selective sensing of nitric oxide by a 9,10-phenanthroquinone-pyridoxal based fluorophore. <i>Photochemical and Photobiological Sciences</i> , 2018, 17, 1213-1221.	1.6	17
505	Modelling absorption and emission of a <i>meso</i> -aniline-BODIPY based dye with molecular mechanics. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 14537-14544.	1.3	11
506	Iridium-based probe for luminescent nitric oxide monitoring in live cells. <i>Scientific Reports</i> , 2018, 8, 12467.	1.6	15
507	Synthesis and characterization of hydrazine-appended BODIPY dyes and the related aminomethyl complexes. <i>New Journal of Chemistry</i> , 2019, 43, 13103-13111.	1.4	4
508	Toward the most versatile fluorophore: Direct functionalization of BODIPY dyes via regioselective C-H bond activation. <i>Chinese Chemical Letters</i> , 2019, 30, 1825-1833.	4.8	58
509	BODIPY Fluorophores for Membrane Potential Imaging. <i>Journal of the American Chemical Society</i> , 2019, 141, 12824-12831.	6.6	66
510	Aromatic secondary amine-functionalized fluorescent NO probes: improved detection sensitivity for NO and potential applications in cancer immunotherapy studies. <i>Chemical Science</i> , 2019, 10, 145-152.	3.7	39
511	Development of a highly sensitive fluorescence probe for peptidyl arginine deiminase (PAD) activity. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2019, 29, 923-928.	1.0	4
512	Non-linear optical response of meso substituted dipyrromethene boron difluoride dyes: Synthesis, photophysical, DFT and Z scan study. <i>Optical Materials</i> , 2019, 89, 164-172.	1.7	5
513	A highly selective fluorescent chemosensor for Al(III) ions based on 2-hydroxy-1-naphthaldehyde derivative. <i>Canadian Journal of Chemistry</i> , 2019, 97, 387-391.	0.6	3
514	In vitro cytotoxicity of a library of BODIPY-anthracene and -pyrene dyads for application in photodynamic therapy. <i>Photochemical and Photobiological Sciences</i> , 2019, 18, 495-504.	1.6	44

#	ARTICLE	IF	CITATIONS
515	Ratiometric chemodosimeter: an organic-nanofiber platform for sensing lethal phosgene gas. <i>Journal of Materials Chemistry A</i> , 2019, 7, 1756-1767.	5.2	56
516	Novel pyrene-BODIPY dyes based on cyclotriphosphazene scaffolds: Synthesis, photophysical and spectroelectrochemical properties. <i>Inorganica Chimica Acta</i> , 2019, 494, 132-140.	1.2	33
517	Exploring the π -System of the (Aza-)BOIMPY Scaffold: Electron-Rich Pyrrole Moieties Working in Concert with Electron-Depleted <i>Meso</i> -Positions. <i>Journal of Organic Chemistry</i> , 2019, 84, 7804-7814.	1.7	20
518	The novel anthracene decorated dendrimeric cyclophosphazenes for highly selective sensing of 2,4,6-trinitrotoluene (TNT). <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 220, 117115.	2.0	39
519	Effect of solvent nature on spectral properties of blue-emitting meso-propargylamino-BODIPY. <i>Journal of Molecular Liquids</i> , 2019, 285, 194-203.	2.3	10
520	Monitoring Ligand Substitution in (Catalytically Active) Metal Complexes with Bodipy-Tagged Diimines and NHC Ligands. <i>Organometallics</i> , 2019, 38, 2138-2149.	1.1	10
521	Study of the dual functional behaviour of 1,2-bis(4-bromobenzamide)benzene by synchronous fluorescence spectroscopy. <i>New Journal of Chemistry</i> , 2019, 43, 7162-7168.	1.4	1
522	Decorating BODIPY with electron-rich unit THDTAP: An ICT-based fluorometric sensor toward peroxide, acid, and electrochemical stimuli. <i>Dyes and Pigments</i> , 2019, 168, 235-247.	2.0	10
523	Orthogonally arranged tripyrrin-BODIPY conjugates with an π -edge to plane mode. <i>Organic Chemistry Frontiers</i> , 2019, 6, 2266-2274.	2.3	14
524	Phenazine-Embedded Copper(II) Complex as a Fluorescent Probe for the Detection of NO and HNO with a Bioimaging Application. <i>ACS Applied Bio Materials</i> , 2019, 2, 1944-1955.	2.3	20
525	Visualizing Nitric oxide in mitochondria and lysosomes of living cells with N-Nitrosation of BODIPY-based fluorescent probes. <i>Analytica Chimica Acta</i> , 2019, 1067, 88-97.	2.6	27
526	ICT-based near infrared fluorescent switch-on probe for nitric oxide bioimaging in vivo. <i>Dyes and Pigments</i> , 2019, 166, 211-216.	2.0	23
527	Pseudo-Crown Ethers as Novel Scaffolds for the Development of Al ³⁺ -Selective Fluorescent Probes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 4196-4206.	1.2	10
528	Real-time monitoring of intracellular nitric oxide using a long-wavelength-emitting probe <i>via</i> one-photon or two-photon excitation. <i>Journal of Materials Chemistry C</i> , 2019, 7, 3246-3252.	2.7	19
529	Boron Dipirins: Mechanism of Formation, Spectral and Photophysical Properties, and Directions of Functionalization. <i>Russian Journal of General Chemistry</i> , 2019, 89, 2682-2699.	0.3	4
530	New Synthetic Route for Cobalt(III) Dissymmetric Bisalkynyl Complexes Based on Cobalt(III)(cyclam)(C ₂ NAP ^{Mes}). <i>European Journal of Inorganic Chemistry</i> , 2019, 2019, 4766-4772.	1.0	5
531	Non-linear optical response of meso hybrid BODIPY: Synthesis, photophysical, DFT and Z scan study. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 209, 126-140.	2.0	15
532	Effect of substituents on Stokes shift of BODIPY and its application in designing bioimaging probes. <i>Analytica Chimica Acta</i> , 2019, 1048, 194-203.	2.6	21

#	ARTICLE	IF	CITATIONS
533	A rapid-response and ratiometric fluorescent probe for nitric oxide: From the mitochondria to the nucleus in live cells. <i>Analytica Chimica Acta</i> , 2020, 1096, 148-158.	2.6	15
534	Simple BODIPY dyes as suitable electron-donors for organic bulk heterojunction photovoltaic cells. <i>Dyes and Pigments</i> , 2020, 172, 107842.	2.0	21
535	Recent chemo- and biosensor and bioimaging studies based on indole- ϵ -decorated BODIPY s. <i>Luminescence</i> , 2020, 35, 168-177.	1.5	9
536	Spectroscopic and photophysical properties of mono- and dithiosubstituted BODIPY dyes. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2020, 388, 112206.	2.0	17
537	Step-wise functionalization of polysiloxane towards a versatile dual-response fluorescent probe and elastomer for the detection of H ₂ S in two-photon and NO in near-infrared modes. <i>Chemical Communications</i> , 2020, 56, 1121-1124.	2.2	31
538	Red fluorescent pyrazoline-BODIPY nanoparticles for ultrafast and long-term bioimaging. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 707-714.	1.5	21
539	Synthesis and investigation of BODIPYs with restricted <i>meso</i> -8-aryl rotation. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020, 24, 869-877.	0.4	5
540	A highly specific rhodamine B based turn-on fluorescent probe for nitric oxide and application in living cells. <i>Tetrahedron</i> , 2020, 76, 131622.	1.0	1
541	Near infrared absorption/emission perylenebisimide fluorophores with geometry relaxation-induced large Stokes shift. <i>RSC Advances</i> , 2020, 10, 35840-35847.	1.7	5
542	Spectroscopic and In Vitro Investigations of Boron(III) Complex with Meso-4-Methoxycarbonylpropylsubstituted Dipyrromethene for Fluorescence Bioimaging Applications. <i>Molecules</i> , 2020, 25, 4541.	1.7	11
543	Rational design of small molecule fluorescent probes for biological applications. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5747-5763.	1.5	138
544	Simultaneous Quantitation of Intra- and Extracellular Nitric Oxide in Single Macrophage RAW 264.7 Cells by Capillary Electrophoresis with Laser-Induced Fluorescence Detection. <i>Analytical Chemistry</i> , 2020, 92, 11904-11911.	3.2	16
545	Enhanced intersystem crossing of boron dipyrromethene by TEMPO radical. <i>Journal of Chemical Physics</i> , 2020, 153, 154201.	1.2	6
546	Detection Sensitivity Enhancement of Naphthalimide PET Fluorescent Probes by 4-Methoxy-Substitution. <i>Molecules</i> , 2020, 25, 4465.	1.7	5
547	Solvent-dependent energy and charge transfer dynamics in hydroporphyrin-BODIPY arrays. <i>Journal of Chemical Physics</i> , 2020, 153, 074302.	1.2	5
548	The role of π -linkers and electron acceptors in tuning the nonlinear optical properties of BODIPY-based zwitterionic molecules. <i>RSC Advances</i> , 2020, 10, 40300-40309.	1.7	11
549	A General Descriptor Γ^E Enables the Quantitative Development of Luminescent Materials Based on Photoinduced Electron Transfer. <i>Journal of the American Chemical Society</i> , 2020, 142, 6777-6785.	6.6	115
550	Pyrene-BODIPY-substituted novel water-soluble cyclotriphosphazenes: synthesis, characterization, and photophysical properties. <i>Turkish Journal of Chemistry</i> , 2020, 44, 1-14.	0.5	4

#	ARTICLE	IF	CITATIONS
551	A Smart Fluorescent Probe for NO Detection and Application in Myocardial Fibrosis Imaging. <i>Analytical Chemistry</i> , 2020, 92, 5064-5072.	3.2	28
552	Robust Organoalkoxysilanes as Red Unconventional Fluorescent Platform. <i>Advanced Functional Materials</i> , 2020, 30, 1910536.	7.8	12
553	Nitric Oxide-Biosignal-Responsive Polypeptide Nanofilaments. <i>ACS Macro Letters</i> , 2020, 9, 323-327.	2.3	5
554	Recent developments of fluorescent probes for detection and bioimaging of nitric oxide. <i>Nitric Oxide - Biology and Chemistry</i> , 2020, 98, 1-19.	1.2	54
555	Recent progress on the organic and metal complex-based fluorescent probes for monitoring nitric oxide in living biological systems. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 1522-1549.	1.5	38
556	An Organic Nanofibrous Polymeric Composite for Ratiometric Detection of Diethyl Chlorophosphate (DCP) in Solution and Vapor. <i>ChemistrySelect</i> , 2020, 5, 3770-3777.	0.7	5
557	Small-molecule fluorescent probes for imaging gaseous signaling molecules: current progress and future implications. <i>Chemical Science</i> , 2020, 11, 5127-5141.	3.7	161
558	In the Search for Photocages Cleavable with Visible Light: An Overview of Recent Advances and Chemical Strategies. <i>ChemPhotoChem</i> , 2021, 5, 296-314.	1.5	47
559	Assessment of local coupled cluster methods for excited states of $\langle \text{scp} \rangle \text{BODIPY} \langle / \text{scp} \rangle \langle \text{scp} \rangle \text{Aza} \langle \text{scp} \rangle \text{BODIPY} \langle / \text{scp} \rangle$ families. <i>Journal of Computational Chemistry</i> , 2021, 42, 144-155.	1.5	9
560	An insight into phenomenal optical non-linearities arising from synergistic relationship between selected BODIPYs and noble metal nanoparticles. <i>Applied Organometallic Chemistry</i> , 2021, 35, .	1.7	11
561	One-Pot Strategy for Symmetrical and Unsymmetrical BOIMPY Fluorophores. <i>Journal of Organic Chemistry</i> , 2021, 86, 3089-3095.	1.7	9
562	BODIPY derivatives as fluorescent reporters of molecular activities in living cells. <i>Russian Chemical Reviews</i> , 2021, 90, 1213-1262.	2.5	18
563	A far-red emissive two-photon fluorescent probe for quantification of uracil in genomic DNA. <i>Chemical Communications</i> , 2021, 57, 2784-2787.	2.2	0
564	The development of a highly selective fluorescent probe for the rapid detection of HClO in living cells and zebrafish. <i>New Journal of Chemistry</i> , 2021, 45, 12569-12575.	1.4	1
565	Controlling the triplet states and their application in external stimuli-responsive triplet-triplet-annihilation photon upconversion: from the perspective of excited state photochemistry. <i>Chemical Society Reviews</i> , 2021, 50, 9686-9714.	18.7	57
566	State of the Art of Bodipy-Based Photocatalysts in Organic Synthesis. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 1809-1824.	1.2	49
567	A molecular design for a turn-off NIR fluoride chemosensor. <i>Journal of Molecular Modeling</i> , 2021, 27, 104.	0.8	5
568	Highly Sensitive D α -Type Near-Infrared Fluorescent Probe for Nitric Oxide Real-Time Imaging in Inflammatory Bowel Disease. <i>Analytical Chemistry</i> , 2021, 93, 4975-4983.	3.2	41

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570	Recent progress in developing fluorescent probes for imaging cell metabolites. <i>Biomedical Materials (Bristol)</i> , 2021, 16, 044108.	1.7	21
571	Dual-locked spectroscopic probes for sensing and therapy. <i>Nature Reviews Chemistry</i> , 2021, 5, 406-421.	13.8	144
572	Lessons in Organic Fluorescent Probe Discovery. <i>ChemBioChem</i> , 2021, 22, 3109-3139.	1.3	31
573	Design, Spectral Characteristics, and Possibilities for Practical Application of BODIPY FL-Labeled Monoterpenoid. <i>ACS Applied Bio Materials</i> , 2021, 4, 6227-6235.	2.3	16
574	Agile Detection of Chemical Warfare Agents by Machine Vision: a Supramolecular Approach. <i>Chemistry - A European Journal</i> , 2021, 27, 13715-13718.	1.7	12
575	Oxidative C-H/C-H Coupling of Dipyrromethanes with Azines by TiO ₂ -Based Photocatalytic System. Synthesis of New BODIPY Dyes and Their Photophysical and Electrochemical Properties. <i>Molecules</i> , 2021, 26, 5549.	1.7	5
576	Heavy-Atom Free <i>spiro</i> Organoboron Complexes As Triplet Excited States Photosensitizers for Singlet Oxygen Activation. <i>Journal of Organic Chemistry</i> , 2021, 86, 12714-12722.	1.7	7
577	New strategy for detection of hydrogen peroxide based on bi-nucleophilic reaction. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 262, 120131.	2.0	2
578	Excited state dynamics of BODIPY-based acceptor-donor-acceptor systems: a combined experimental and computational study. <i>Physical Chemistry Chemical Physics</i> , 2021, 23, 8900-8907.	1.3	5
579	Nitric oxide activatable photosensitizer accompanying extremely elevated two-photon absorption for efficient fluorescence imaging and photodynamic therapy. <i>Chemical Science</i> , 2018, 9, 999-1005.	3.7	62
580	Organelle-Specific Nitric Oxide Detection in Living Cells via HaloTag Protein Labeling. <i>PLoS ONE</i> , 2015, 10, e0123986.	1.1	12
581	A New BODIPY Derivative Bearing Piperazine Group. <i>Bulletin of the Korean Chemical Society</i> , 2007, 28, 2231-2234.	1.0	13
582	Synthesis of 4,4-Difluoro-4-bora-3a,4a-diaza-s-indacene Dyes Bearing New Aryl Substituents at C3- and C5-Positions. <i>Bulletin of the Korean Chemical Society</i> , 2008, 29, 261-264.	1.0	11
583	Synthesis of BODIPY Chromophores Bearing Fused-Carbocycles. <i>Bulletin of the Korean Chemical Society</i> , 2010, 31, 507-510.	1.0	9
584	Novel Bi-Nuclear Boron Complexes with Pyrene Ligand: Synthesis, Photoluminescence, and Electrochemistry Properties. <i>Bulletin of the Korean Chemical Society</i> , 2011, 32, 3097-3100.	1.0	3
585	Development of BODIPYS and aza-BODIPYs for molecular imaging applications: From the in vitro to the in vivo. <i>Advances in Inorganic Chemistry</i> , 2021, 78, 65-107.	0.4	3
586	Methods for the Detection of Gasotransmitters. , 2012, , 99-137.		0
587	CHAPTER 4. A Little Photochemistry and Luminescence. <i>Monographs in Supramolecular Chemistry</i> , 2012, , 34-49.	0.2	0

#	ARTICLE	IF	CITATIONS
588	CHROMATOGRAPHY: RECENT PROGRESS. <i>Journal of Liquid Chromatography and Related Technologies</i> , 0, , 150527103729000.	0.5	0
589	Application of a BODIPY-Based Fluorescent Anions Sensor for Experimental Teaching. <i>Advances in Analytical Chemistry</i> , 2017, 07, 249-256.	0.1	0
591	Novel probes for selective fluorometric sensing of Fe(II) and Fe(III) based on BODIPY dyes. <i>Journal of the Turkish Chemical Society, Section A: Chemistry</i> , 2019, 6, 207-216.	0.4	3
592	Mechanochemical Preparation of Protein:Hydantoin Hybrids and their Release Properties. <i>ChemSusChem</i> , 2021, , .	3.6	5
593	An N-nitrosation reaction-based fluorescent probe for detecting nitric oxide in living cells and inflammatory zebrafish. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 270, 120728.	2.0	6
594	Detection of subcellular nitric oxide in mitochondria using a pyrylium probe: assays in cell cultures and peripheral blood. <i>Journal of Materials Chemistry B</i> , 2021, 9, 9885-9892.	2.9	8
595	Recent advance in dual-functional luminescent probes for reactive species and common biological ions. <i>Analytical and Bioanalytical Chemistry</i> , 2022, 414, 5087-5103.	1.9	5
596	Utilization of BODIPY-based redox events to manipulate the Lewis acidity of fluorescent boranes. <i>Chemical Communications</i> , 2022, , .	2.2	2
597	Effect of the iodine atom position on the phosphorescence of BODIPY derivatives: a combined computational and experimental study. <i>Photochemical and Photobiological Sciences</i> , 2022, 21, 777-786.	1.6	7
598	Two Schiff-base fluorescent-colorimetric probes based on naphthaldehyde and aminobenzoic acid for selective detection of Al ³⁺ , Fe ³⁺ and Cu ²⁺ ions. <i>Journal of Molecular Structure</i> , 2022, 1255, 132431.	1.8	10
599	Anthraquinone acted as a catalyst for the removal of triphenylmethane dye containing tertiary amino group: Characteristics and mechanism. <i>Journal of Environmental Sciences</i> , 2022, 121, 148-158.	3.2	10
600	Activity-Based NIR Bioluminescence Probe Enables Discovery of Diet-Induced Modulation of the Tumor Microenvironment via Nitric Oxide. <i>ACS Central Science</i> , 2022, 8, 461-472.	5.3	14
601	Multifunctional Harvested Afterglow Nanosensor for Molecular Imaging of Acute Kidney Injury In Vivo. <i>Small</i> , 2022, 18, e2200245.	5.2	17
602	Simultaneous determination of NO released inside and outside cells at the single-cell level using CE-LIF. <i>Analytical Sciences</i> , 2022, 38, 913-916.	0.8	2
603	Nonlinear optical response of some Boron-dipyrromethene dyes: An experimental and theoretical investigation. <i>Materials Chemistry and Physics</i> , 2022, 283, 126057.	2.0	2
605	Photophysical properties regulation and applications of BODIPY-based derivatives with electron donor-acceptor system. <i>Results in Chemistry</i> , 2022, 4, 100384.	0.9	1
606	Rotor-Tuning Boron Dipyrromethenes for Dual-Functional Imaging of Al ²⁺ Oligomers and Viscosity. <i>ACS Applied Bio Materials</i> , 2022, 5, 3049-3056.	2.3	1
607	A highly photostable and versatile two-photon fluorescent probe for the detection of a wide range of intracellular nitric oxide concentrations in macrophages and endothelial cells. <i>Journal of Photochemistry and Photobiology B: Biology</i> , 2022, 234, 112512.	1.7	6

#	ARTICLE	IF	CITATIONS
608	Electron-transfer kinetics through nucleic acids untangled by single-molecular fluorescence blinking. <i>CheM</i> , 2022, 8, 3109-3119.	5.8	4
609	Synthesis of Polysubstituted Symmetrical BODIPYs via Fischer Carbene Complexes: Theoretical, Photophysical and Electrochemical Evaluation. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	4
610	Singlet Fission from Upper Excited States of Bodipy Crystalline Film and Single Crystal. <i>Journal of Physical Chemistry C</i> , 2022, 126, 17212-17222.	1.5	3
611	BODIPYâ€Eequipped Benzoâ€Crownâ€Eethers as Fluorescent Sensors for pHâ€EIndependent Detection of Sodium and Potassium Ions. <i>ChemPhotoChem</i> , 2023, 7, .	1.5	4
612	Singlet-oxygen photosensitizers with a tetrad structure and a single BODIPY chromophore: An evidence for transition state stabilization of intersystem crossing. <i>Dyes and Pigments</i> , 2023, 210, 110963.	2.0	2
613	Effect of meso-substituent and solvent nature on spectral properties, pH-stability and affinity to blood transport proteins of BODIPY dyes. <i>Journal of Molecular Liquids</i> , 2023, 371, 121078.	2.3	1
614	Rational Design of a Dual-Channel Fluorescent Probe for the Simultaneous Imaging of Hypochlorous Acid and Peroxynitrite in Living Organisms. <i>Analytical Chemistry</i> , 2022, 94, 17485-17493.	3.2	11
615	Photoinduced electron transfer (PeT) based fluorescent probes for cellular imaging and disease therapy. <i>Chemical Society Reviews</i> , 2023, 52, 2322-2357.	18.7	56
616	Gold nanoparticle-based two-photon fluorescent nanoprobe for monitoring intracellular nitric oxide levels. <i>Journal of Materials Chemistry B</i> , 2023, 11, 3387-3396.	2.9	3
622	Combining nitric oxide and calcium sensing for the detection of endothelial dysfunction. <i>Communications Chemistry</i> , 2023, 6, .	2.0	0
626	BODIPY: A Unique Dye for Versatile Optical Applications. <i>Indian Institute of Metals Series</i> , 2024, , 369-399.	0.2	0