

Zhen Shen

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

81
papers

3,214
citations

27
h-index

56
g-index

89
ext. papers

3,699
ext. citations

6.8
avg, IF

5.36
L-index

#	Paper	IF	Citations
81	Structural modification strategies for the rational design of red/NIR region BODIPYs. <i>Chemical Society Reviews</i> , 2014 , 43, 4778-823	58.5	868
80	Boron-diindomethene (BDI) dyes and their tetrahydrobicyclo precursors--en route to a new class of highly emissive fluorophores for the red spectral range. <i>Chemistry - A European Journal</i> , 2004 , 10, 4853-71	4.8	200
79	A multifunctional nanomicelle for real-time targeted imaging and precise near-infrared cancer therapy. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 9544-9	16.4	157
78	A pH-activatable and aniline-substituted photosensitizer for near-infrared cancer theranostics. <i>Chemical Science</i> , 2015 , 6, 5969-5977	9.4	145
77	Phenanthrene-fused boron-dipyrromethenes as bright long-wavelength fluorophores. <i>Organic Letters</i> , 2008 , 10, 1581-4	6.2	138
76	Synthesis and spectroscopic properties of fused-ring-expanded aza-boradiazaindacenes. <i>Chemistry - an Asian Journal</i> , 2011 , 6, 1026-37	4.5	103
75	A facile one-pot synthesis of meso-aryl-substituted [14]triphyrin(2.1.1). <i>Journal of the American Chemical Society</i> , 2008 , 130, 16478-9	16.4	98
74	Dihydronaphthalene-fused boron-dipyrromethene (BODIPY) dyes: insight into the electronic and conformational tuning modes of BODIPY fluorophores. <i>Chemistry - A European Journal</i> , 2010 , 16, 2887-90	4.8	82
73	A BODIPY-based 'turn-on' fluorescent probe for hypoxic cell imaging. <i>Chemical Communications</i> , 2015 , 51, 13389-92	5.8	77
72	Synthesis and spectroscopic properties of bodipy dimers with effective solid-state emission. <i>RSC Advances</i> , 2012 , 2, 8840	3.7	74
71	Optically active BODIPYs. <i>Coordination Chemistry Reviews</i> , 2016 , 318, 1-15	23.2	72
70	Boron-pyridyl-imino-isoindoline dyes: facile synthesis and photophysical properties. <i>Chemical Communications</i> , 2014 , 50, 1074-6	5.8	67
69	Syntheses, structures, photoluminescence, and magnetic properties of nanoporous 3D lanthanide coordination polymers with 4,4'-biphenyldicarboxylate ligand. <i>CrystEngComm</i> , 2008 , 10, 1237	3.3	65
68	Domino-like multi-emissions across red and near infrared from solid-state 2-/2,6-aryl substituted BODIPY dyes. <i>Nature Communications</i> , 2018 , 9, 2688	17.4	57
67	Red/near-infrared boron-dipyrromethene dyes as strongly emitting fluorophores. <i>Annals of the New York Academy of Sciences</i> , 2008 , 1130, 164-71	6.5	56
66	Asymmetric core-expanded aza-BODIPY analogues: facile synthesis and optical properties. <i>Chemical Communications</i> , 2015 , 51, 1713-6	5.8	54
65	Porphodilactones as synthetic chlorophylls: relative orientation of substituents on a pyrrolic ring tunes NIR absorption. <i>Journal of the American Chemical Society</i> , 2014 , 136, 9598-607	16.4	54

64	Control over Energy Transfer between Fluorescent BODIPY Dyes in a Strongly Coupled Microcavity. <i>ACS Photonics</i> , 2018 , 5, 258-266	6.3	51
63	Optical Limiting Properties of 3,5-Dithienylenevinylene BODIPY Dyes at 532 nm. <i>Chemistry - A European Journal</i> , 2017 , 23, 14507-14514	4.8	42
62	Facile Hg ²⁺ detection in water using fluorescent self-assembled monolayers of a rhodamine-based turn-on chemodosimeter formed via a Click Reaction. <i>Journal of Materials Chemistry</i> , 2011 , 21, 10878		39
61	A new aza-BODIPY based NIR region colorimetric and fluorescent chemodosimeter for fluoride. <i>RSC Advances</i> , 2014 , 4, 53864-53869	3.7	37
60	A 20 π -electron heteroporphyrin containing a thienopyrrole unit. <i>Angewandte Chemie - International Edition</i> , 2012 , 51, 12801-5	16.4	37
59	Asymmetric boron-complexes containing keto-isoindolyl and pyridyl groups: solvatochromic fluorescence, efficient solid-state emission and DFT calculations. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 12281-12289	7.1	34
58	Chiral binaphthyl-linked BODIPY analogues: synthesis and spectroscopic properties. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 4668-4674	7.1	31
57	Mechanisms of blueshifts in organic polariton condensates. <i>Communications Physics</i> , 2020 , 3,	5.4	30
56	Asymmetric Donor-Acceptor-Type Benzo-Fused Aza-BODIPYs: Facile Synthesis and Colorimetric Properties. <i>Angewandte Chemie - International Edition</i> , 2015 , 54, 9070-4	16.4	30
55	Modulation of the molecular spintronic properties of adsorbed copper corroles. <i>Nature Communications</i> , 2015 , 6, 7547	17.4	29
54	Controlling conformations and physical properties of meso-tetrakis(phenylethynyl)porphyrins by ring fusion: synthesis, properties and structural characterizations. <i>Organic and Biomolecular Chemistry</i> , 2004 , 2, 3442-7	3.9	27
53	Room Temperature Broadband Polariton Lasing from a Dye-Filled Microcavity. <i>Advanced Optical Materials</i> , 2019 , 7, 1900163	8.1	23
52	Core-modified rubyrins containing dithienylethene moieties. <i>Angewandte Chemie - International Edition</i> , 2014 , 53, 6563-7	16.4	22
51	The development of artificial porphyrinoids embedded with functional building blocks. <i>Journal of Materials Chemistry C</i> , 2015 , 3, 3239-3251	7.1	21
50	A ratiometric fluorescent probe for real-time monitoring of intracellular glutathione fluctuations in response to cisplatin. <i>Chemical Science</i> , 2020 , 11, 8495-8501	9.4	17
49	Silyl- and Disilyl-BODIPYs: Synthesis via Catalytic Dehalosilylation and Spectroscopic Properties. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 561-567	4.5	16
48	Synthesis and spectroscopic properties of novel meso-cyano boron-pyridyl-isoindoline dyes. <i>Organic and Biomolecular Chemistry</i> , 2014 , 12, 8223-9	3.9	16
47	On the Aggregation Behaviour and Spectroscopic Properties of Alkylated and Annelated Boron-Dipyrromethene (BODIPY) Dyes in Aqueous Solution. <i>ChemPhotoChem</i> , 2020 , 4, 120-131	3.3	16

46	Aromaticity versus regioisomeric effect of substituents in porphyrinoids. <i>Physical Chemistry Chemical Physics</i> , 2019 , 21, 10152-10162	3.6	15
45	Synthesis and properties of azulene-functionalized BODIPYs. <i>RSC Advances</i> , 2016 , 6, 32124-32129	3.7	15
44	A Multifunctional Nanomicelle for Real-Time Targeted Imaging and Precise Near-Infrared Cancer Therapy. <i>Angewandte Chemie</i> , 2014 , 126, 9698-9703	3.6	15
43	A near IR photosensitizer based on self-assembled CdSe quantum dot-aza-BODIPY conjugate coated with poly(ethylene glycol) and folic acid for concurrent fluorescence imaging and photodynamic therapy. <i>RSC Advances</i> , 2016 , 6, 113991-113996	3.7	15
42	Rational Design of Emissive NIR-Absorbing Chromophores: Rh(III) Porphyrin-Aza-BODIPY Conjugates with Orthogonal Metal-Carbon Bonds. <i>Chemistry - A European Journal</i> , 2016 , 22, 13201-9	4.8	15
41	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	3.6	14
40	Influence of the meso -substituent on strongly red emitting phenanthrene-fused boron-dipyrromethene (BODIPY) fluorophores with a propeller-like conformation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018 , 352, 98-105	4.7	14
39	Syntheses, crystal structures and magnetic properties of two honeycomb-layered bimetallic assemblies, $K_2[Ni(II)(cyclam)]_3[Fe(II)(CN)_6]_2 \cdot 12H_2O$ and $[Ni(II)(cyclam)]_3[Fe(III)(CN)_6]_2 \cdot 16H_2O$. <i>Transition Metal Chemistry</i> , 2001 , 26, 345-350	2.1	13
38	A convenient route to synthesize the fully conjugated bimetallic complex $(Bu_4N)_2[tto[Ni(dmit)_2]]$ (tto = tetrathiooxalate, $C_2S_4(2-)$, and dmit = 1,3-dithiole-2-thione-4,5-dithiolate, $C_3S_5(2-)$) and the crystal structure of a new crystal form. <i>Inorganic Chemistry</i> , 2000 , 39, 1322-4	5.1	13
37	Highly efficient near IR photosensitizers based-on Ir(III) bonded porphyrin-aza-BODIPY conjugates. <i>RSC Advances</i> , 2016 , 6, 72115-72120	3.7	11
36	Efficient energy transfer in ethynyl bridged corrole-BODIPY dyads. <i>RSC Advances</i> , 2016 , 6, 72852-72858	3.7	11
35	A Highly Selective NIR Fluorescent Turn-on Probe for Hydroxyl Radical and Its Application in Living Cell Images. <i>Frontiers in Chemistry</i> , 2019 , 7, 598	5	11
34	Asymmetric Donor-Acceptor-Type Benzo-Fused Aza-BODIPYs: Facile Synthesis and Colorimetric Properties. <i>Angewandte Chemie</i> , 2015 , 127, 9198-9202	3.6	11
33	Corrole-BODIPY conjugates: enhancing the fluorescence and phosphorescence of the corrole complex via efficient through bond energy transfer. <i>RSC Advances</i> , 2015 , 5, 50962-50967	3.7	11
32	$\{[Zn_2(Bim)_3(OH)(H_2O)]_2[DMF(H_2O)_3]\}_n$ A Two Dimensional Coordination Polymer with Layer Silicate-like Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005 , 631, 1349-1351	1.3	11
31	N-Bridged Annulated BODIPYs: Synthesis of Highly Fluorescent Blueshifted Dyes. <i>Chemistry - an Asian Journal</i> , 2017 , 12, 2216-2220	4.5	10
30	Optical properties and electronic structures of axially-ligated group 9 porphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2015 , 19, 973-982	1.8	9
29	Synthesis and spectroscopic properties of novel N-linked bis-(diphenylboron) complexes. <i>New Journal of Chemistry</i> , 2016 , 40, 5752-5757	3.6	9

28	Synthesis and photophysical properties of orthogonal rhodium(III)carbon bonded porphyrinza-BODIPY conjugates. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 8422-8428	7.1	8
27	A 20Electron Heteroporphyrin Containing a Thienopyrrole Unit. <i>Angewandte Chemie</i> , 2012 , 124, 12973-12977	3.2	8
26	Timeoxygen & light indicating via photooxidation mediated up-conversion. <i>Journal of Materials Chemistry C</i> , 2016 , 4, 9986-9992	7.1	8
25	Reversible Reaction-Based Fluorescent Probes for Dynamic Sensing and Bioimaging. <i>European Journal of Organic Chemistry</i> , 2020 , 2020, 5647-5663	3.2	6
24	A cationic benzocorrole Cu(II) complex as a highly stable antiaromatic system. <i>Chemical Communications</i> , 2021 , 57, 383-386	5.8	6
23	Structure Modification and Spectroscopic Properties of Artificial Porphyrinoids. <i>Israel Journal of Chemistry</i> , 2016 , 56, 119-129	3.4	5
22	Durch Dithienylethen-Einheiten modifizierte Rubyrine. <i>Angewandte Chemie</i> , 2014 , 126, 6681-6685	3.6	4
21	Synthesis, crystal structure and magnetic susceptibility of a novel binuclear complex: [Cu ₂ (phen) ₂ (4,4'-dpy) ₃ (OH) ₂][NO ₃] ₅ ·5H ₂ O. <i>Journal of Coordination Chemistry</i> , 2005 , 58, 1139-1144	1.6	4
20	Untargeted effects in organic exciton-polariton transient spectroscopy: A cautionary tale. <i>Journal of Chemical Physics</i> , 2021 , 155, 154701	3.9	4
19	Homochiral Ferromagnetic Coupling Dy Single-Molecule Magnets with Strong Magneto-Optical Faraday Effects at Room Temperature. <i>Inorganic Chemistry</i> , 2021 , 60, 12039-12048	5.1	4
18	Iridium complex of porphycene: a new member of metalloporphycene. <i>Science China Chemistry</i> , 2020 , 63, 682-686	7.9	3
17	Trends in the optical and redox properties of tetraphenyltetraphenanthroporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012 , 16, 833-844	1.8	3
16	NIR Absorbing AzaBODIPY Dyes for pH Sensing. <i>Molecules</i> , 2020 , 25,	4.8	3
15	Real-time monitoring of newly acidified organelles during autophagy enabled by reaction-based BODIPY dyes. <i>Communications Biology</i> , 2019 , 2, 442	6.7	3
14	Highly regioselective palladium-catalyzed domino reaction for post-functionalization of BODIPY. <i>Chemical Communications</i> , 2021 , 57, 1758-1761	5.8	3
13	Regulation of an Ambient-Light-Induced Photocyclization Pathway (Norrish-Yang Versus 6)]by Substituent Choice. <i>Chemistry - A European Journal</i> , 2020 , 26, 12418-12430	4.8	2
12	A Chiral Hemiporphyrine Derivative: Synthesis and Chiroptical Properties. <i>Chemistry - an Asian Journal</i> , 2016 , 11, 2113-6	4.5	2
11	Synthesis and crystal structure of 4,5-(cis-cyclohexylenedithio)-1,3-dithiole-2-one. <i>Journal of Chemical Crystallography</i> , 1999 , 29, 719-723	0.5	2

10	Synthesis and photophysical properties of cyclometalated heteroleptic iridium(III) complexes containing pyridyl/isoquinolyl-imino-isoindoline ancillary ligand. <i>Supramolecular Chemistry</i> , 2018 , 30, 328-335	1.8	2
9	A pH-Reversible Fluorescent Probe for Imaging of Extracellular Vesicles and Their Secretion from Living Cells. <i>Nano Letters</i> , 2021 , 21, 9224-9232	11.5	1
8	Photodynamic activity of 2,6-diiodo-3,5-dithienylvinyleneBODIPYs and their folate-functionalized chitosan-coated Pluronic [®] F-127 micelles on MCF-7 breast cancer cells. <i>Journal of Porphyrins and Phthalocyanines</i> , 2020 , 24, 973-984	1.8	0
7	Ligand Non-innocence and Single Molecular Spintronic Properties of Ag Dibenzo[<i>a,c</i>]porphyrin Radical on Ag(111). <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 11702-11706	16.4	0
6	Thermal switches between delayed fluorescence and persistent phosphorescence based on a keto-BODIPY electron acceptor. <i>Organic and Biomolecular Chemistry</i> , 2021 , 19, 2030-2037	3.9	0
5	Low-symmetry porphyrin analogues with flexible open-form dithienylethene moieties: Intense near IR Q bands. <i>Dyes and Pigments</i> , 2021 , 192, 109440	4.6	0
4	Tuning the Coherent Propagation of Organic Exciton-Polaritons through Dark State Delocalization.. <i>Advanced Science</i> , 2022 , e2105569	13.6	0
3	Inside Cover: The Synthesis and Properties of Free-Base [14]Triphyrin(2.1.1) Compounds and the Formation of Subporphyrinoid Metal Complexes (Chem. Eur. J. 16/2011). <i>Chemistry - A European Journal</i> , 2011 , 17, 4334-4334	4.8	
2	The bis(ethylene)-dithiotetrathiafulvalene radical salt of [PVMo11O40]4 ⁻ . <i>Transition Metal Chemistry</i> , 1999 , 24, 160-162	2.1	
1	Ligand Non-innocence and Single Molecular Spintronic Properties of AgII Dibenzo[<i>a,c</i>]porphyrin Radical on Ag(111). <i>Angewandte Chemie</i> , 2021 , 133, 11808-11812	3.6	