Zhen Shen

List of Publications by Year in Descending Order

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	Tuning the Coherent Propagation of Organic Exciton-Polaritons through Dark State Delocalization.. *Advanced Science*, **2022**, e2105569	13.6	0
80	Untargeted effects in organic exciton-polariton transient spectroscopy: A cautionary tale. *Journal of Chemical Physics*, **2021**, 155, 154701	3.9	4
79	A pH-Reversible Fluorescent Probe for Imaging of Extracellular Vesicles and Their Secretion from Living Cells. *Nano Letters*, **2021**, 21, 9224-9232	11.5	1
78	Ligand Non-innocence and Single Molecular Spintronic Properties of AgII Dibenzocorrole Radical on Ag(111). *Angewandte Chemie*, **2021**, 133, 11808-11812	3.6	
77	Ligand Non-innocence and Single Molecular Spintronic Properties of Ag Dibenzocorrole Radical on Ag(111). *Angewandte Chemie - International Edition*, **2021**, 60, 11702-11706	16.4	0
76	A cationic benzocorrole Cu(II) complex as a highly stable antiaromatic system. *Chemical Communications*, **2021**, 57, 383-386	5.8	6
75	Highly regioselective palladium-catalyzed domino reaction for post-functionalization of BODIPY. *Chemical Communications*, **2021**, 57, 1758-1761	5.8	3
74	Thermal switches between delayed fluorescence and persistent phosphorescence based on a keto-BODIPY electron acceptor. *Organic and Biomolecular Chemistry*, **2021**, 19, 2030-2037	3.9	0
73	Homochiral Ferromagnetic Coupling Dy Single-Molecule Magnets with Strong Magneto-Optical Faraday Effects at Room Temperature. *Inorganic Chemistry*, **2021**, 60, 12039-12048	5.1	4
72	Low-symmetry porphyrin analogues with flexible open-form dithienylethene moieties: Intense near IR Q bands. *Dyes and Pigments*, **2021**, 192, 109440	4.6	0
71	Regulation of an Ambient-Light-Induced Photocyclization Pathway (Norrish-Yang Versus 6π) by Substituent Choice. *Chemistry - A European Journal*, **2020**, 26, 12418-12430	4.8	2
70	Reversible Reaction-Based Fluorescent Probes for Dynamic Sensing and Bioimaging. *European Journal of Organic Chemistry*, **2020**, 2020, 5647-5663	3.2	6
69	Iridium complex of porphycene: a new member of metalloporphycene. *Science China Chemistry*, **2020**, 63, 682-686	7.9	3
68	Mechanisms of blueshifts in organic polariton condensates. *Communications Physics*, **2020**, 3,	5.4	30
67	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. *Journal of Porphyrins and Phthalocyanines*, **2020**, 24, 973-984	1.8	0
66	On the Aggregation Behaviour and Spectroscopic Properties of Alkylated and Annelated Boron-Dipyrromethene (BODIPY) Dyes in Aqueous Solution. *ChemPhotoChem*, **2020**, 4, 120-131	3.3	16
65	A ratiometric fluorescent probe for real-time monitoring of intracellular glutathione fluctuations in response to cisplatin. *Chemical Science*, **2020**, 11, 8495-8501	9.4	17

64	NIR Absorbing AzaBODIPY Dyes for pH Sensing. *Molecules*, **2020**, 25,	4.8	3
63	Aromaticity versus regioisomeric effect of substituents in porphyrinoids. *Physical Chemistry Chemical Physics*, **2019**, 21, 10152-10162	3.6	15
62	Room Temperature Broadband Polariton Lasing from a Dye-Filled Microcavity. *Advanced Optical Materials*, **2019**, 7, 1900163	8.1	23
61	A Highly Selective NIR Fluorescent Turn-on Probe for Hydroxyl Radical and Its Application in Living Cell Images. *Frontiers in Chemistry*, **2019**, 7, 598	5	11
60	Real-time monitoring of newly acidified organelles during autophagy enabled by reaction-based BODIPY dyes. *Communications Biology*, **2019**, 2, 442	6.7	3
59	J-Aggregation induced emission enhancement of a thienyl substituted bis(difluoroboron)-1,2-bis((1H-pyrrol-2-yl)methylene)hydrazine (BOPHY) dye. *New Journal of Chemistry*, **2018**, 42, 8271-8275	3.6	14
58	Influence of the meso -substituent on strongly red emitting phenanthrene-fused boron dipyrromethene (BODIPY) fluorophores with a propeller-like conformation. *Journal of Photochemistry and Photobiology A: Chemistry*, **2018**, 352, 98-105	4.7	14
57	Domino-like multi-emissions across red and near infrared from solid-state 2-/2,6-aryl substituted BODIPY dyes. *Nature Communications*, **2018**, 9, 2688	17.4	57
56	Synthesis and photophysical properties of cyclometalated heteroleptic iridium(III) complexes containing pyridyl/isoquinolyl-imino-isoindoline ancillary ligand. *Supramolecular Chemistry*, **2018**, 30, 328-335	1.8	2
55	Control over Energy Transfer between Fluorescent BODIPY Dyes in a Strongly Coupled Microcavity. *ACS Photonics*, **2018**, 5, 258-266	6.3	51
54	Silyl- and Disilanyl-BODIPYs: Synthesis via Catalytic Dehalosilylation and Spectroscopic Properties. *Chemistry - an Asian Journal*, **2017**, 12, 561-567	4.5	16
53	Optical Limiting Properties of 3,5-Dithienylenevinylene BODIPY Dyes at 532 nm. *Chemistry - A European Journal*, **2017**, 23, 14507-14514	4.8	42
52	N-Bridged Annulated BODIPYs: Synthesis of Highly Fluorescent Blueshifted Dyes. *Chemistry - an Asian Journal*, **2017**, 12, 2216-2220	4.5	10
51	Synthesis and photophysical properties of orthogonal rhodium(III) carbon bonded porphyrin aza-BODIPY conjugates. *Journal of Materials Chemistry C*, **2016**, 4, 8422-8428	7.1	8
50	A Chiral Hemiporphyrazine Derivative: Synthesis and Chiroptical Properties. *Chemistry - an Asian Journal*, **2016**, 11, 2113-6	4.5	2
49	Highly efficient near IR photosensitizers based-on Ir(III) bonded porphyrin-aza-BODIPY conjugates. *RSC Advances*, **2016**, 6, 72115-72120	3.7	11
48	Efficient energy transfer in ethynyl bridged corrole BODIPY dyads. *RSC Advances*, **2016**, 6, 72852-72858	3.7	11
47	Synthesis and properties of azulene-functionalized BODIPYs. *RSC Advances*, **2016**, 6, 32124-32129	3.7	15

46	Synthesis and spectroscopic properties of novel NN linked bis-(diphenylboron) complexes. *New Journal of Chemistry*, **2016**, 40, 5752-5757	3.6	9
45	Structure Modification and Spectroscopic Properties of Artificial Porphyrinoids. *Israel Journal of Chemistry*, **2016**, 56, 119-129	3.4	5
44	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. *RSC Advances*, **2016**, 6, 113991-113996	3.7	15
43	Optically active BODIPYs. *Coordination Chemistry Reviews*, **2016**, 318, 1-15	23.2	72
42	Chiral binaphthyl-linked BODIPY analogues: synthesis and spectroscopic properties. *Journal of Materials Chemistry C*, **2016**, 4, 4668-4674	7.1	31
41	Time-oxygen & light indicating via photooxidation mediated up-conversion. *Journal of Materials Chemistry C*, **2016**, 4, 9986-9992	7.1	8
40	Rational Design of Emissive NIR-Absorbing Chromophores: Rh(III) Porphyrin-Aza-BODIPY Conjugates with Orthogonal Metal-Carbon Bonds. *Chemistry - A European Journal*, **2016**, 22, 13201-9	4.8	15
39	Optical properties and electronic structures of axially-ligated group 9 porphyrins. *Journal of Porphyrins and Phthalocyanines*, **2015**, 19, 973-982	1.8	9
38	Modulation of the molecular spintronic properties of adsorbed copper corroles. *Nature Communications*, **2015**, 6, 7547	17.4	29
37	A BODIPY-based 'turn-on' fluorescent probe for hypoxic cell imaging. *Chemical Communications*, **2015**, 51, 13389-92	5.8	77
36	A pH-activatable and aniline-substituted photosensitizer for near-infrared cancer theranostics. *Chemical Science*, **2015**, 6, 5969-5977	9.4	145
35	The development of artificial porphyrinoids embedded with functional building blocks. *Journal of Materials Chemistry C*, **2015**, 3, 3239-3251	7.1	21
34	Asymmetric boron-complexes containing keto-isoindolinyl and pyridyl groups: solvatochromic fluorescence, efficient solid-state emission and DFT calculations. *Journal of Materials Chemistry C*, **2015**, 3, 12281-12289	7.1	34
33	Asymmetric core-expanded aza-BODIPY analogues: facile synthesis and optical properties. *Chemical Communications*, **2015**, 51, 1713-6	5.8	54
32	Asymmetric Donor–Acceptor-Type Benzo-Fused Aza-BODIPYs: Facile Synthesis and Colorimetric Properties. *Angewandte Chemie*, **2015**, 127, 9198-9202	3.6	11
31	Asymmetric Donor–Acceptor-Type Benzo-Fused Aza-BODIPYs: Facile Synthesis and Colorimetric Properties. *Angewandte Chemie - International Edition*, **2015**, 54, 9070-4	16.4	30
30	Corrole-BODIPY conjugates: enhancing the fluorescence and phosphorescence of the corrole complex via efficient through bond energy transfer. *RSC Advances*, **2015**, 5, 50962-50967	3.7	11
29	Core-modified rubyrins containing dithienylethene moieties. *Angewandte Chemie - International Edition*, **2014**, 53, 6563-7	16.4	22

28	Boron-pyridyl-imino-isoindoline dyes: facile synthesis and photophysical properties. *Chemical Communications*, **2014**, 50, 1074-6	5.8	67
27	Structural modification strategies for the rational design of red/NIR region BODIPYs. *Chemical Society Reviews*, **2014**, 43, 4778-823	58.5	868
26	A new aza-BODIPY based NIR region colorimetric and fluorescent chemodosimeter for fluoride. *RSC Advances*, **2014**, 4, 53864-53869	3.7	37
25	Porphodilactones as synthetic chlorophylls: relative orientation of β substituents on a pyrrolic ring tunes NIR absorption. *Journal of the American Chemical Society*, **2014**, 136, 9598-607	16.4	54
24	A multifunctional nanomicelle for real-time targeted imaging and precise near-infrared cancer therapy. *Angewandte Chemie - International Edition*, **2014**, 53, 9544-9	16.4	157
23	Synthesis and spectroscopic properties of novel meso-cyano boron-pyridyl-isoindoline dyes. *Organic and Biomolecular Chemistry*, **2014**, 12, 8223-9	3.9	16
22	Durch Dithienylethen-Einheiten modifizierte Rubyrine. *Angewandte Chemie*, **2014**, 126, 6681-6685	3.6	4
21	A Multifunctional Nanomicelle for Real-Time Targeted Imaging and Precise Near-Infrared Cancer Therapy. *Angewandte Chemie*, **2014**, 126, 9698-9703	3.6	15
20	A 20π-Electron Heteroporphyrin Containing a Thienopyrrole Unit. *Angewandte Chemie*, **2012**, 124, 12973-12977	3.6	8
19	A 20π-electron heteroporphyrin containing a thienopyrrole unit. *Angewandte Chemie - International Edition*, **2012**, 51, 12801-5	16.4	37
18	Synthesis and spectroscopic properties of bodipy dimers with effective solid-state emission. *RSC Advances*, **2012**, 2, 8840	3.7	74
17	Trends in the optical and redox properties of tetraphenyltetraphenanthroporphyrins. *Journal of Porphyrins and Phthalocyanines*, **2012**, 16, 833-844	1.8	3
16	Synthesis and spectroscopic properties of fused-ring-expanded aza-boradiazaindacenes. *Chemistry - an Asian Journal*, **2011**, 6, 1026-37	4.5	103
15	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). *Chemistry - A European Journal*, **2011**, 17, 4334-4334	4.8	
14	Facile Hg2+ detection in water using fluorescent self-assembled monolayers of a rhodamine-based turn-on chemodosimeter formed via a "click" reaction. *Journal of Materials Chemistry*, **2011**, 21, 10878		39
13	Dihydronaphthalene-fused boron-dipyrromethene (BODIPY) dyes: insight into the electronic and conformational tuning modes of BODIPY fluorophores. *Chemistry - A European Journal*, **2010**, 16, 2887-903	4.8	82
12	A facile one-pot synthesis of meso-aryl-substituted [14]triphyrin(2.1.1). *Journal of the American Chemical Society*, **2008**, 130, 16478-9	16.4	98
11	Syntheses, structures, photoluminescence, and magnetic properties of nanoporous 3D lanthanide coordination polymers with 4,4?-biphenyldicarboxylate ligand. *CrystEngComm*, **2008**, 10, 1237	3.3	65

10	Phenanthrene-fused boron-dipyrromethenes as bright long-wavelength fluorophores. *Organic Letters*, **2008**, 10, 1581-4	6.2	138
9	Red/near-infrared boron-dipyrromethene dyes as strongly emitting fluorophores. *Annals of the New York Academy of Sciences*, **2008**, 1130, 164-71	6.5	56
8	Synthesis, crystal structure and magnetic susceptibility of a novel binuclear complex: [Cu2(phen)2(4,4?-dpy)3(OH)2]□2NO3□5.5H2O. *Journal of Coordination Chemistry*, **2005**, 58, 1139-1144	1.6	4
7	{[Zn2(Bim)3(OH)(H2O)]□(DMF)(H2O)3}□A Two Dimensional Coordination Polymer with Layer Silicate-like Structure. *Zeitschrift Fur Anorganische Und Allgemeine Chemie*, **2005**, 631, 1349-1351	1.3	11
6	Boron-diindomethene (BDI) dyes and their tetrahydrobicyclo precursors--en route to a new class of highly emissive fluorophores for the red spectral range. *Chemistry - A European Journal*, **2004**, 10, 4853-71	4.8	200
5	Controlling conformations and physical properties of meso-tetrakis(phenylethynyl)porphyrins by ring fusion: synthesis, properties and structural characterizations. *Organic and Biomolecular Chemistry*, **2004**, 2, 3442-7	3.9	27
4	Syntheses, crystal structures and magnetic properties of two honeycomb-layered bimetallic assemblies, K2[NiII(cyclam)]3[FeII(CN)6]2 □12H2O and [NiII(cyclam)]3[FeIII(CN)6]2 □16H2O. *Transition Metal Chemistry*, **2001**, 26, 345-350	2.1	13
3	A convenient route to synthesize the fully conjugated bimetallic complex (Bu4N)2[tto[Ni(dmit)2]] (tto = tetrathiooxalate, C2S4(2-), and dmit = 1,3-dithiole-2-thione-4,5-dithiolate, C3S5(2-) and the crystal structure of a new crystal form. *Inorganic Chemistry*, **2000**, 39, 1322-4	5.1	13
2	Synthesis and crystal structure of 4,5-(cis-cyclohexylenedithio)-1,3-dithiole-2-one. *Journal of Chemical Crystallography*, **1999**, 29, 719-723	0.5	2
1	The bis(ethylene)-dithiotetrathiafulvalene radical salt of [PVMo11O40]4□*Transition Metal Chemistry*, **1999**, 24, 160-162	2.1	