

# Zhen Shen

## List of Publications by Year in descending order

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84  
papers

4,131  
citations

147801  
31  
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114465  
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all docs

89  
docs citations

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times ranked

4381  
citing authors

#	ARTICLE	IF	CITATIONS
1	Ba <sup>2+</sup> -bridged BOPPY derivatives: synthesis, structures, and acid-catalyzed <i>cis</i> → <i>trans</i> isomeric interconversion. Dalton Transactions, 2022, 51, 2708-2714.	3.3	7
2	A dual therapeutic system based on corrole-siRNA conjugates. Organic and Biomolecular Chemistry, 2022, , .	2.8	2
3	Metal-free oxidative synthesis of benzimidazole compounds by dehydrogenative coupling of diamines and alcohols. Organic and Biomolecular Chemistry, 2022, 20, 2852-2856.	2.8	9
4	Highly Stable Neutral Corrole Radical: Amphoteric Aromatic↔Antiaromatic Switching and Efficient Photothermal Conversion. Journal of the American Chemical Society, 2022, 144, 3458-3467.	13.7	31
5	Synthesis, Properties, and Packing Structures of Wing-Shaped N-Doped Nanographene in Various Oxidation States. Organic Letters, 2022, 24, 80-84.	4.6	6
6	Tuning the Coherent Propagation of Organic Exciton↔Polaritons through Dark State Delocalization. Advanced Science, 2022, 9, e2105569.	11.2	38
7	Synthesis of Planar <i>meso</i> -Aryl Rosarins: A Reversible Antiaromatic/Aromatic Interconversion. Organic Letters, 2022, , .	4.6	5
8	A cationic benzocorrole Cu(II) complex as a highly stable antiaromatic system. Chemical Communications, 2021, 57, 383-386.	4.1	17
9	Highly regioselective palladium-catalyzed domino reaction for post-functionalization of BODIPY. Chemical Communications, 2021, 57, 1758-1761.	4.1	16
10	Thermal switches between delayed fluorescence and persistent phosphorescence based on a keto-BODIPY electron acceptor. Organic and Biomolecular Chemistry, 2021, 19, 2030-2037.	2.8	2
11	Ligand Noninnocence and Single Molecular Spintronic Properties of Ag II Dibenzo-corrole Radical on Ag(111). Angewandte Chemie, 2021, 133, 11808-11812.	2.0	1
12	Ligand Noninnocence and Single Molecular Spintronic Properties of Ag <sup>II</sup> Dibenzo-corrole Radical on Ag(111). Angewandte Chemie - International Edition, 2021, 60, 11702-11706.	13.8	9
13	Homochiral Ferromagnetic Coupling Dy <sub>2</sub> Single-Molecule Magnets with Strong Magneto-Optical Faraday Effects at Room Temperature. Inorganic Chemistry, 2021, 60, 12039-12048.	4.0	25
14	Low-symmetry porphyrin analogues with flexible open-form dithienylethene moieties: Intense near IR Q bands. Dyes and Pigments, 2021, 192, 109440.	3.7	2
15	Untargeted effects in organic exciton↔polariton transient spectroscopy: A cautionary tale. Journal of Chemical Physics, 2021, 155, 154701.	3.0	24
16	A pH-Reversible Fluorescent Probe for <i>in Situ</i> Imaging of Extracellular Vesicles and Their Secretion from Living Cells. Nano Letters, 2021, 21, 9224-9232.	9.1	13
17	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.	0.8	1
18	On the Aggregation Behaviour and Spectroscopic Properties of Alkylated and Annelated Boron↔Dipyrromethene (BODIPY) Dyes in Aqueous Solution. ChemPhotoChem, 2020, 4, 120-131.	3.0	35

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19	A ratiometric fluorescent probe for real-time monitoring of intracellular glutathione fluctuations in response to cisplatin. <i>Chemical Science</i> , 2020, 11, 8495-8501.	7.4	51
20	NIR Absorbing AzaBODIPY Dyes for pH Sensing. <i>Molecules</i> , 2020, 25, 3689.	3.8	6
21	Regulation of an Ambient Light-Induced Photocyclization Pathway (Norrishâ€“Yang Versus 6I) by Substituent Choice. <i>Chemistry - A European Journal</i> , 2020, 26, 12418-12430.	3.3	4
22	Reversible Reactionâ€“Based Fluorescent Probes for Dynamic Sensing and Bioimaging. <i>European Journal of Organic Chemistry</i> , 2020, 2020, 5647-5663.	2.4	16
23	Iridium complex of porphycene: a new member of metalloporphycene. <i>Science China Chemistry</i> , 2020, 63, 682-686.	8.2	8
24	Mechanisms of blueshifts in organic polariton condensates. <i>Communications Physics</i> , 2020, 3, .	5.3	56
25	Editorial: BODIPYs and Their Derivatives: The Past, Present and Future. <i>Frontiers in Chemistry</i> , 2020, 8, 290.	3.6	25
26	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.	3.6	15
27	Aromaticity versus regioisomeric effect of $\hat{I}^2$ -substituents in porphyrinoids. <i>Physical Chemistry Chemical Physics</i> , 2019, 21, 10152-10162.	2.8	24
28	Room Temperature Broadband Polariton Lasing from a Dyeâ€“Filled Microcavity. <i>Advanced Optical Materials</i> , 2019, 7, 1900163.	7.3	34
29	Real-time monitoring of newly acidified organelles during autophagy enabled by reaction-based BODIPY dyes. <i>Communications Biology</i> , 2019, 2, 442.	4.4	10
30	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.	2.8	17
31	Influence of the meso -substituent on strongly red emitting phenanthrene-fused boronâ€“dipyromethene (BODIPY) fluorophores with a propeller-like conformation. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2018, 352, 98-105.	3.9	14
32	Synthesis and photophysical properties of cyclometalated heteroleptic iridium(III) complexes containing pyridyl/isoquinoyl-imino-isoindoline ancillary ligand. <i>Supramolecular Chemistry</i> , 2018, 30, 328-335.	1.2	5
33	Control over Energy Transfer between Fluorescent BODIPY Dyes in a Strongly Coupled Microcavity. <i>ACS Photonics</i> , 2018, 5, 258-266.	6.6	77
34	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.	12.8	85
35	Silylâ€“and Disilylâ€“BODIPYs: Synthesis via Catalytic Dehalosilylation and Spectroscopic Properties. <i>Chemistry - an Asian Journal</i> , 2017, 12, 561-567.	3.3	19
36	Optical Limiting Properties of 3,5â€“Dithienylenevinylene BODIPY Dyes at 532â€“...nm. <i>Chemistry - A European Journal</i> , 2017, 23, 14507-14514.	3.3	51

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37	Nâ€Bridged Annulated BODIPYs: Synthesis of Highly Fluorescent Blueshifted Dyes. Chemistry - an Asian Journal, 2017, 12, 2216-2220.	3.3	12
38	Structure Modification and Spectroscopic Properties of Artificial Porphyrinoids. Israel Journal of Chemistry, 2016, 56, 119-129.	2.3	8
39	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.	3.6	21
40	Optically active BODIPYs. Coordination Chemistry Reviews, 2016, 318, 1-15.	18.8	102
41	Chiral binaphthyl-linked BODIPY analogues: synthesis and spectroscopic properties. Journal of Materials Chemistry C, 2016, 4, 4668-4674.	5.5	41
42	Timeâ€oxygen & light indicating via photooxidation mediated up-conversion. Journal of Materials Chemistry C, 2016, 4, 9986-9992.	5.5	10
43	Rational Design of Emissive NIRâ€Absorbing Chromophores: Rh<sup>III</sup> Porphyrinâ€Azaâ€BODIPY Conjugates with Orthogonal Metalâ€Carbon Bonds. Chemistry - A European Journal, 2016, 22, 13201-13209.	3.3	17
44	Synthesis and photophysical properties of orthogonal rhodium(<sup>III</sup>)-carbon bonded porphyrinâ€aza-BODIPY conjugates. Journal of Materials Chemistry C, 2016, 4, 8422-8428.	5.5	13
45	A Chiral Hemiporphyrzine Derivative: Synthesis and Chiroptical Properties. Chemistry - an Asian Journal, 2016, 11, 2113-2116.	3.3	2
46	Highly efficient near IR photosensitizers based-on Irâ€C bonded porphyrin-aza-BODIPY conjugates. RSC Advances, 2016, 6, 72115-72120.	3.6	13
47	Efficient energy transfer in ethynyl bridged corroleâ€BODIPY dyads. RSC Advances, 2016, 6, 72852-72858.	3.6	13
48	Synthesis and properties of azulene-functionalized BODIPYs. RSC Advances, 2016, 6, 32124-32129.	3.6	18
49	Synthesis and spectroscopic properties of novel Nâ€N linked bis-(diphenylboron) complexes. New Journal of Chemistry, 2016, 40, 5752-5757.	2.8	10
50	Asymmetric Donorâ€Acceptorâ€Type Benzoâ€Fused Azaâ€BODIPYs: Facile Synthesis and Colorimetric Properties. Angewandte Chemie - International Edition, 2015, 54, 9070-9074.	13.8	36
51	Corroleâ€BODIPY conjugates: enhancing the fluorescence and phosphorescence of the corrole complex via efficient through bond energy transfer. RSC Advances, 2015, 5, 50962-50967.	3.6	13
52	Optical properties and electronic structures of axially-ligated group 9 porphyrins. Journal of Porphyrins and Phthalocyanines, 2015, 19, 973-982.	0.8	10
53	Modulation of the molecular spintronic properties of adsorbed copper corroles. Nature Communications, 2015, 6, 7547.	12.8	40
54	A BODIPY-based â€turn-onâ€ fluorescent probe for hypoxic cell imaging. Chemical Communications, 2015, 51, 13389-13392.	4.1	87

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55	A pH-activatable and aniline-substituted photosensitizer for near-infrared cancer theranostics. <i>Chemical Science</i> , 2015, 6, 5969-5977.	7.4	173
56	The development of artificial porphyrinoids embedded with functional building blocks. <i>Journal of Materials Chemistry C</i> , 2015, 3, 3239-3251.	5.5	29
57	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.	5.5	47
58	Asymmetric core-expanded aza-BODIPY analogues: facile synthesis and optical properties. <i>Chemical Communications</i> , 2015, 51, 1713-1716.	4.1	68
59	Core-Modified RUBYRINS Containing Dithienylethene Moieties. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 6563-6567.	13.8	27
60	Boron-pyridyl-imino-isoindoline dyes: facile synthesis and photophysical properties. <i>Chemical Communications</i> , 2014, 50, 1074-1076.	4.1	72
61	Structural modification strategies for the rational design of red/NIR region BODIPYs. <i>Chemical Society Reviews</i> , 2014, 43, 4778-4823.	38.1	1,076
62	A new aza-BODIPY based NIR region colorimetric and fluorescent chemodosimeter for fluoride. <i>RSC Advances</i> , 2014, 4, 53864-53869.	3.6	44
63	Porphodilactones as Synthetic Chlorophylls: Relative Orientation of $\beta^2$ -Substituents on a Pyrrolic Ring Tunes NIR Absorption. <i>Journal of the American Chemical Society</i> , 2014, 136, 9598-9607.	13.7	73
64	A Multifunctional Nanomicelle for Real-Time Targeted Imaging and Precise Near-Infrared Cancer Therapy. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 9544-9549.	13.8	177
65	Synthesis and spectroscopic properties of novel meso-cyano boron-pyridyl-isoindoline dyes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8223-8229.	2.8	20
66	Trends in the optical and redox properties of tetraphenyltetraphenanthroporphyrins. <i>Journal of Porphyrins and Phthalocyanines</i> , 2012, 16, 833-844.	0.8	3
67	A $\beta$ -Electron Heteroporphyrin Containing a Thienopyrrole Unit. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12801-12805.	13.8	41
68	Synthesis and spectroscopic properties of bodipy dimers with effective solid-state emission. <i>RSC Advances</i> , 2012, 2, 8840.	3.6	78
69	Facile Hg <sup>2+</sup> detection in water using fluorescent self-assembled monolayers of a rhodamine-based turn-on chemodosimeter formed via a <i>click</i> -reaction. <i>Journal of Materials Chemistry</i> , 2011, 21, 10878.	6.7	39
70	Synthesis and Spectroscopic Properties of Fused-Ring-Expanded Aza-Boradiazaindacenes. <i>Chemistry - an Asian Journal</i> , 2011, 6, 1026-1037.	3.3	116
71	Inside Cover: The Synthesis and Properties of Free-Base [14]Triphyrin(2.1.1) Compounds and the Formation of Subporphyrinoid Metal Complexes ( <i>Chem. Eur. J.</i> 16/2011). <i>Chemistry - A European Journal</i> , 2011, 17, 4334-4334.	3.3	0
72	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, 2887-2903.	3.3	93

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73	Phenanthrene-Fused Boron <sup>III</sup> Dipyrromethenes as Bright Long-Wavelength Fluorophores. <i>Organic Letters</i> , 2008, 10, 1581-1584.	4.6	145
74	Red/Near-Infrared Boron <sup>III</sup> Dipyrromethene Dyes as Strongly Emitting Fluorophores. <i>Annals of the New York Academy of Sciences</i> , 2008, 1130, 164-171.	3.8	61
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, 16478-16479.	13.7	115
76	Syntheses, structures, photoluminescence, and magnetic properties of nanoporous 3D lanthanide coordination polymers with 4,4'-biphenyldicarboxylate ligand. <i>CrystEngComm</i> , 2008, 10, 1237.	2.6	68
77	{[Zn <sub>2</sub> (Bim) <sub>3</sub> (OH)(H <sub>2</sub> O)]·(DMF)(H <sub>2</sub> O) <sub>3</sub> }·nH <sub>2</sub> O: A Two Dimensional Coordination Polymer with Layer Silicate-like Structure. <i>Zeitschrift Fur Anorganische Und Allgemeine Chemie</i> , 2005, 631, 1349-1351.	1.2	11
78	Synthesis, crystal structure and magnetic susceptibility of a novel binuclear complex: [Cu <sub>2</sub> (phen) <sub>2</sub> (4,4'-dpy) <sub>3</sub> (OH) <sub>2</sub> ]·2NO <sub>3</sub> ·5.5H <sub>2</sub> O. <i>Journal of Coordination Chemistry</i> , 2005, 58, 1139-1144.	2.2	4
79	Boron <sup>III</sup> 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, 4853-4871.	3.3	210
80	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.	2.8	29
81	Title is missing!. <i>Transition Metal Chemistry</i> , 2001, 26, 345-350.	1.4	15
82	A Convenient Route To Synthesize the Fully Conjugated Bimetallic Complex (Bu <sub>4</sub> N) <sub>2</sub> {tto[Ni(dmit) <sub>2</sub> ]} (tto = Tetrathiooxalate, C <sub>2</sub> S <sub>4</sub> <sup>2-</sup> , and dmit = 1,3-dithiole-2-thione-4,5-dithiolate, C <sub>3</sub> S <sub>5</sub> <sup>2-</sup> ) and the Crystal Structure of a New Crystal Form. <i>Inorganic Chemistry</i> , 2000, 39, 1322-1324.	4.0	14
83	Synthesis and crystal structure of 4,5-(cis-cyclohexylenedithio)-1,3-dithiole-2-one. <i>Journal of Chemical Crystallography</i> , 1999, 29, 719-723.	1.1	2
84	The bis(ethylene)-dithiotetrathiafulvalene radical salt of [PVMo <sub>11</sub> O <sub>40</sub> ] <sup>4-</sup> . <i>Transition Metal Chemistry</i> , 1999, 24, 160-162.	1.4	0