

# Sheng Wang

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

650  
citations

687363

13  
h-index

752698

20  
g-index

21  
all docs

21  
docs citations

21  
times ranked

818  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photochromic thiophene oligomers based on bithienylethene: syntheses, photochromic and two-photon properties. <i>Journal of Materials Chemistry</i> , 2006, 16, 3685.	6.7	86
2	Reversible Quadruple Switching with Optical, Chiroptical, Helicity, and Macropattern in Self-Assembled Spiropyran Gels. <i>Advanced Functional Materials</i> , 2017, 27, 1701368.	14.9	84
3	Photo-controlled fluorescence on/off switching of a pseudo[3]rotaxane between an AIE-active pillar[5]arene host and a photochromic bithienylethene guest. <i>Chemical Communications</i> , 2018, 54, 2405-2408.	4.1	77
4	Fusion of aggregation-induced emission and photochromics for promising photoresponsive smart materials. <i>Materials Chemistry Frontiers</i> , 2020, 4, 3153-3175.	5.9	65
5	Synthesis and properties of tetraphenylethylene derivatived diarylethene with photochromism and aggregation-induced emission. <i>Dyes and Pigments</i> , 2017, 139, 118-128.	3.7	64
6	Unsymmetrical photochromic bithienylethene-bridge tetraphenylethene molecular switches: Synthesis, aggregation-induced emission and information storage. <i>Chinese Chemical Letters</i> , 2020, 31, 361-364.	9.0	51
7	Synthesis and properties of photochromic spirooxazine with aggregation-induced emission fluorophores polymeric nanoparticles. <i>Dyes and Pigments</i> , 2017, 142, 481-490.	3.7	42
8	Novel organogel harnessing Excited-State Intramolecular Proton Transfer process with aggregation induced emission and photochromism. <i>Dyes and Pigments</i> , 2016, 132, 48-57.	3.7	28
9	Photo-induced morphology transition of a multifunctional photochromic bithienylethene molecule with switchable aggregation-induced emission. <i>Science China Chemistry</i> , 2018, 61, 1301-1306.	8.2	28
10	A highly selective and sensitive photoswitchable fluorescent probe for Hg <sup>2+</sup> based on bithienylethene-rhodamine 6G dyad and for live cells imaging. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 128, 567-574.	3.9	19
11	1,6-Elimination reaction induced detection of fluoride ions in vitro and in vivo based on a NIR fluorescent probe. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 220, 117108.	3.9	19
12	Visible light responsive donor-acceptor stenoise adducts with indoline-tri/tetra-phenylethylene chromophore: Synthesis, aggregation-induced emission, photochromism and solvent dependence effect. <i>Dyes and Pigments</i> , 2020, 178, 108352.	3.7	19
13	Optimization of decolorization process in agar production from <i>Gracilaria lemaneiformis</i> and evaluation of antioxidant activities of the extract rich in natural pigments. <i>3 Biotech</i> , 2018, 8, 8.	2.2	15
14	Synthesis, structure, photoluminescence and antitumour activity of zinc complex based on 2-(2-(1H-benzo-[d]imidazol-2-yl)benzyl)-1H-benzo-[d]imidazole. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 135, 878-882.	3.9	12
15	All-visible-light triggered solid-state dual-color fluorescence switching of phenanthroimidazole-based bithienylethene. <i>Journal of Materials Chemistry C</i> , 2022, 10, 7024-7030.	5.5	10
16	Facile synthesis of spiro thiazolidinone via cyclic ketones, amines and thioglycolic acid by MCM-41-Schiff base-CuSO <sub>4</sub> ·5H <sub>2</sub> O. <i>Research on Chemical Intermediates</i> , 2021, 47, 521-532.	2.7	9
17	Stimuli-Responsive Copolymer and Uniform Polymeric Nanoparticles with Photochromism and Switchable Emission. <i>ChemPhotoChem</i> , 2019, 3, 568-574.	3.0	7
18	Ionochromism of Crystal Violet Lactone triggered by metal cations. <i>Fibers and Polymers</i> , 2010, 11, 1198-1200.	2.1	6

#	ARTICLE	IF	CITATIONS
19	All-visible-light triggered photochromic fluorescent dithienylethene-phenanthroimidazole dyads: Synthesis, crystal structure, multiple switching behavior and information storage. <i>Dyes and Pigments</i> , 2022, 202, 110298.	3.7	4
20	A visible-light-gated donor-acceptor Stenhouse adduct chemosensor: synthesis, photochromism and naked-eye colorimetric/fluorometric sensing of Al <sup>3+</sup> and Zn <sup>2+</sup> . <i>New Journal of Chemistry</i> , 2022, 46, 12600-12608.	2.8	3
21	Photochromic Bulk Materials. , 0, , 281-360.		2