

# Shouchun Yin

## List of Publications by Year in descending order

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55  
papers

2,383  
citations

293460

24  
h-index

232693

48  
g-index

55  
all docs

55  
docs citations

55  
times ranked

3145  
citing authors

#	ARTICLE	IF	CITATIONS
1	Metallacycle-crosslinked supramolecular polymers constructed by amino-alkyne click reaction with enhanced mechanical properties. , 2022, 1, 100003.		8
2	Amphiphilic rhomboidal metallacycles with aggregation-induced emission and aggregation-caused quenching luminogens for white-light emission and bioimaging. Materials Chemistry Frontiers, 2022, 6, 633-643.	3.2	12
3	Fluorine-boron compound-based fluorescent chemosensors for heavy metal ion detection. Dyes and Pigments, 2022, 200, 110185.	2.0	15
4	NIR-II phototherapy agents with aggregation-induced emission characteristics for tumor imaging and therapy. Biomaterials, 2022, 285, 121535.	5.7	38
5	A Near-Infrared BODIPY-Based Rhomboidal Metallacycle for Imaging-Guided Photothermal Therapy. Inorganics, 2022, 10, 80.	1.2	7
6	Phenylthiol-BODIPY-based supramolecular metallacycles for synergistic tumor chemo-photodynamic therapy. Proceedings of the National Academy of Sciences of the United States of America, 2022, 119, .	3.3	29
7	Conjugated copolymers as doping- and annealing-free hole transport materials for highly stable and efficient perovskite solar cells. Journal of Materials Chemistry A, 2021, 9, 2269-2275.	5.2	15
8	Polymeric Systems Containing Supramolecular Coordination Complexes for Drug Delivery. Polymers, 2021, 13, 370.	2.0	9
9	Constructing a triangular metallacycle with salen-Al and its application to a catalytic cyanosilylation reaction. Chemical Communications, 2021, 57, 10399-10402.	2.2	1
10	Polymeric Drug Delivery System Based on Pluronics for Cancer Treatment. Molecules, 2021, 26, 3610.	1.7	52
11	Self-Healing Metallacycle-Cored Supramolecular Polymers Based on a Metal-Salen Complex Constructed by Orthogonal Metal Coordination and Host-Guest Interaction with Amino Acid Sensing. ACS Macro Letters, 2021, 10, 873-879.	2.3	16
12	Near-infrared-emitting difluoroboron $\beta^2$ -diketonate dye with AIE characteristics for cellular imaging. Dyes and Pigments, 2021, 193, 109500.	2.0	9
13	Architectures and Applications of BODIPY-Based Conjugated Polymers. Polymers, 2021, 13, 75.	2.0	15
14	A Facile Approach for Elemental-Doped Carbon Quantum Dots and Their Application for Efficient Photodetectors. Small, 2021, 17, e2105683.	5.2	16
15	A Facile Approach for Elemental-Doped Carbon Quantum Dots and Their Application for Efficient Photodetectors (Small 52/2021). Small, 2021, 17, .	5.2	0
16	Terpyridyl-based triphenylamine derivatives with aggregation-induced emission characteristics for selective detection of $Zn^{2+}$ , $Cd^{2+}$ and $CN^{-}$ ions and application in cell imaging. Dyes and Pigments, 2020, 173, 107969.	2.0	26
17	A rapid and reversible thermochromic supramolecular polymer hydrogel and its application in protected quick response codes. Materials Chemistry Frontiers, 2020, 4, 869-874.	3.2	28
18	Fluorescent Supramolecular Polymers Formed by Crown Ether-Based Host-Guest Interaction. Frontiers in Chemistry, 2020, 8, 560.	1.8	18

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19	Amphiphilic Rhomboidal Organoplatinum(II) Metallacycles with Encapsulated Doxorubicin for Synergistic Cancer Therapy. <i>ACS Applied Bio Materials</i> , 2020, 3, 8061-8068.	2.3	10
20	Metallacycle/Metallacage-Cored Fluorescent Supramolecular Assemblies with Aggregation-Induced Emission Properties. <i>Advanced Optical Materials</i> , 2020, 8, 1902190.	3.6	19
21	Fluorescent supramolecular polymers with aggregation induced emission properties. <i>Polymer Chemistry</i> , 2019, 10, 796-818.	1.9	82
22	Self-Healing Heterometallic Supramolecular Polymers Constructed by Hierarchical Assembly of Triply Orthogonal Interactions with Tunable Photophysical Properties. <i>Journal of the American Chemical Society</i> , 2019, 141, 17909-17917.	6.6	80
23	Recent developments in the construction of metallacycle/metallacage-cored supramolecular polymers via hierarchical self-assembly. <i>Chemical Communications</i> , 2019, 55, 8036-8059.	2.2	90
24	An A2-A1-A2-type small molecule donor for high-performance organic solar cells. <i>Journal of Materials Chemistry C</i> , 2019, 7, 5381-5384.	2.7	12
25	A series of novel BODIPY-fluorene copolymers: Synthesis, characterization, optical-electronic and nonlinear optical properties. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2019, 217, 164-169.	2.0	3
26	A high-performance non-fullerene electron acceptor with bisalkylthiophene $\pi$ -bridges for organic photovoltaics. <i>Journal of Materials Chemistry C</i> , 2019, 7, 14499-14503.	2.7	10
27	Surface Modification Based on Diselenide Dynamic Chemistry: Towards Liquid Motion and Surface Bioconjugation. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 542-546.	7.2	49
28	A fluorescent cross-linked supramolecular network formed by orthogonal metal-coordination and host-guest interactions for multiple ratiometric sensing. <i>Polymer Chemistry</i> , 2018, 9, 399-403.	1.9	34
29	Surface Modification Based on Diselenide Dynamic Chemistry: Towards Liquid Motion and Surface Bioconjugation. <i>Angewandte Chemie</i> , 2018, 131, 552.	1.6	9
30	Metallacycle-Cored Supramolecular Polymers: Fluorescence Tuning by Variation of Substituents. <i>Journal of the American Chemical Society</i> , 2018, 140, 16920-16924.	6.6	66
31	A BODIPY derivative for colorimetric fluorescence sensing of Hg <sup>2+</sup> , Pb <sup>2+</sup> and Cu <sup>2+</sup> ions and its application in logic gates. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 203, 315-323.	2.0	27
32	Fluorescent Metallacage-Core Supramolecular Polymer Gel Formed by Orthogonal Metal Coordination and Host-Guest Interactions. <i>Journal of the American Chemical Society</i> , 2018, 140, 7674-7680.	6.6	242
33	Dithienosilole-based small molecule donors for efficient all-small-molecule organic solar cells. <i>Dyes and Pigments</i> , 2018, 158, 445-450.	2.0	8
34	Metallacycle-cored supramolecular assemblies with tunable fluorescence including white-light emission. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017, 114, 3044-3049.	3.3	170
35	Multicomponent Platinum(II) Cages with Tunable Emission and Amino Acid Sensing. <i>Journal of the American Chemical Society</i> , 2017, 139, 5067-5074.	6.6	301
36	Impact of end-capped groups on the properties of dithienosilole-based small molecules for solution-processed organic solar cells. <i>Dyes and Pigments</i> , 2017, 147, 183-189.	2.0	20

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37	Conjugated Polymers Containing BODIPY and Fluorene Units for Sensitive Detection of $\text{CN}^{\sim}$ Ions: Site-Selective Synthesis, Photo-Physical and Electrochemical Properties. <i>Polymers</i> , 2017, 9, 512.	2.0	17
38	Sensing behavior and logic operation of a colorimetric fluorescence sensor for $\text{Hg}^{2+}/\text{Cu}^{2+}$ ions. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 167, 66-71.	2.0	24
39	Metal Coordination Stoichiometry Controlled Formation of Linear and Hyperbranched Supramolecular Polymers. <i>Macromolecular Rapid Communications</i> , 2016, 37, 1453-1459.	2.0	13
40	A hyperbranched fluorescent supramolecular polymer with aggregation induced emission (AIE) properties. <i>Polymer Chemistry</i> , 2016, 7, 4317-4321.	1.9	33
41	Controlled self-assembly of a pyrene-based bolaamphiphile by acetate ions: from nanodisks to nanofibers by fluorescence enhancement. <i>Soft Matter</i> , 2015, 11, 4424-4429.	1.2	10
42	A $\text{Cu}^{2+}$ -selective fluorescent chemosensor based on BODIPY with two pyridine ligands and logic gate. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 145, 25-32.	2.0	23
43	Orthogonal Supramolecular Polymer Formation on Highly Oriented Pyrolytic Graphite (HOPG) Surfaces Characterized by Scanning Probe Microscopy. <i>Langmuir</i> , 2015, 31, 11525-11531.	1.6	12
44	A dithienosilole-based fluorescent chemosensor for multiple logic operations at the molecular level. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2015, 150, 731-736.	2.0	8
45	A BODIPY derivative for colorimetric and fluorometric sensing of fluoride ion and its logic gates behavior. <i>Sensors and Actuators B: Chemical</i> , 2015, 208, 538-545.	4.0	67
46	A fluorescent supramolecular polymer with aggregation induced emission (AIE) properties formed by crown ether-based host-guest interactions. <i>Polymer Chemistry</i> , 2015, 6, 25-29.	1.9	86
47	Macromol. Rapid Commun. 16/2014. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1423-1423.	2.0	0
48	A novel BODIPY-based colorimetric and fluorometric dual-mode chemosensor for $\text{Hg}^{2+}$ and $\text{Cu}^{2+}$ . <i>Sensors and Actuators B: Chemical</i> , 2014, 192, 29-35.	4.0	117
49	A stimuli-responsive orthogonal supramolecular polymer network formed by metal-ligand and host-guest interactions. <i>Chemical Communications</i> , 2014, 50, 722-724.	2.2	71
50	Polyacetylenes containing BODIPY pendants with different connectivities: synthesis, characterization and opto-electronic properties. <i>Polymer Chemistry</i> , 2014, 5, 372-381.	1.9	20
51	A Multiple-Responsive Self-Healing Supramolecular Polymer Gel Network Based on Multiple Orthogonal Interactions. <i>Macromolecular Rapid Communications</i> , 2014, 35, 1424-1429.	2.0	52
52	A Highly Copper-Selective Ratiometric Fluorescent Sensor Based on BODIPY. <i>Chinese Journal of Chemistry</i> , 2012, 30, 1857-1861.	2.6	14
53	A BODIPY derivative as a colorimetric, near-infrared and turn-on chemosensor for $\text{Cu}^{2+}$ . <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2012, 96, 82-88.	2.0	28
54	Oligo( <i>p</i> -phenylene ethynylene)-BODIPY Derivatives: Synthesis, Energy Transfer, and Quantum-Chemical Calculations. <i>Chemistry - A European Journal</i> , 2011, 17, 13247-13257.	1.7	40

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55	A highly sensitive, selective, colorimetric and near-infrared fluorescent turn-on chemosensor for Cu <sup>2+</sup> based on BODIPY. <i>Chemical Communications</i> , 2010, 46, 6329.	2.2	202