

# Shuwei Zhang

## List of Publications by Year in descending order

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34  
papers

851  
citations

567281

15  
h-index

477307

29  
g-index

35  
all docs

35  
docs citations

35  
times ranked

1153  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel AIE fluorescent probe for $\beta$ -galactosidase detection and imaging in living cells. <i>Analytica Chimica Acta</i> , 2022, 1198, 339554.	5.4	16
2	2,2,2-Azodi(2-methylbutyronitrile) (AMBN) Promoted Alkenylation of Cyclic Ethers via Radical Addition to $\beta$ -Nitrostyrenes. <i>ChemistrySelect</i> , 2022, 7, .	1.5	3
3	An indanone-based fluorescent probe for detection and imaging of Cys/Hcy in living cells. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 279, 121364.	3.9	12
4	Oxidative Desymmetrization of Isoindolines Realized by tert-Butyl Nitrite (TBN) Initiated Radical $\text{sp}^3$ C-H Activation Relay (CHAR). <i>Synthesis</i> , 2021, 53, 1663-1671.	2.3	3
5	Iron(III)-catalyzed direct C-H radical amination of (hetero)arenes. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5440-5445.	4.5	8
6	Aggregation-induced emission properties of pyridyl-containing tetraarylethenes. <i>Luminescence</i> , 2021, 36, 958-963.	2.9	2
7	A fluorescent probe for detection homocysteine in green and NIR, and cysteine/glutathione in NIR regions. <i>Tetrahedron Letters</i> , 2021, 87, 153157.	1.4	6
8	Anthracene-induced formation of highly twisted metallacycle and its crystal structure and tunable assembly behaviors. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021, 118, .	7.1	12
9	$\text{SbCl}_3$ -initiated conjunctive C-H bond functionalization and carbochlorination between glycine esters and methylenecyclopropanes (MCPs). <i>Chemical Communications</i> , 2021, 57, 9878-9881.	4.1	12
10	Tris(4-bromophenyl)aminium Hexachloroantimonate-Initiated Oxidative Povarov-Type Reaction between Glycine Esters and (Cyclopropylidene)methylbenzenes Using the Counterion as a Chlorine Donor. <i>Organic Letters</i> , 2020, 22, 6294-6298.	4.6	24
11	Tunable aggregation-induced circularly polarized luminescence of chiral AIEgens via the regulation of mono-/di-substituents of molecules or nanostructures of self-assemblies. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2066-2071.	5.9	23
12	Synthesis of Nitrated Alkyl Anilines Using Nitroso Anilines as a Self-Providing Nitro Group Source. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 2205-2208.	2.7	10
13	C-N Bond Activation of N,N-Dialkylacylhydrazines Mediated by $\beta$ -Fragmentation of Nitrogen-Centered Radical. <i>Journal of Organic Chemistry</i> , 2019, 84, 14202-14208.	3.2	7
14	A water-soluble near-infrared fluorescent probe for sensitive and selective detection of cysteine. <i>Talanta</i> , 2019, 204, 747-752.	5.5	29
15	Tunable Functionalization of Saturated C and C-H Bonds of N,N-Diarylpiperazines Enabled by tert-Butyl Nitrite (TBN) and $\text{NaNO}_2$ Systems. <i>Organic Letters</i> , 2019, 21, 5030-5034.	4.6	39
16	Transition-metal-free $\text{sp}^3$ C-H activation of 2-methylquinoline with terminal alkynes for synthesis of 3-(quinolin-2-yl)isoxazoles. <i>Tetrahedron Letters</i> , 2019, 60, 1443-1447.	1.4	5
17	A novel fluorescent probe with one-excitation and dual-emission for selective and simultaneous detection of Glutathione and Arginine in NIR and blue regions. <i>Sensors and Actuators B: Chemical</i> , 2019, 290, 691-697.	7.8	21
18	Rhodium-Catalyzed Cascade Annulation Reaction via C-H Activation of Azobenzenes with Terminal Alkynes: A Synthesis of Indolo[1,2-b]cinnolines. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 451-455.	4.3	10

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19	Radical C-H Bond Oxidation Initiated Intramolecular Cyclization of Glycine Esters: Construction of Dihydroquinoline Skeletons. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 115-118.	2.7	5
20	Synthesis of 2-methylbenzoxazoles directly from <i>N</i> -phenylacetamides catalyzed by palladium acetate. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 101-107.	2.8	7
21	A Redox Conjugated Polymer-Based All-Solid-State Reference Electrode. <i>Polymers</i> , 2018, 10, 1191.	4.5	12
22	New Near-Infrared Fluorescent Probes with Single-Photon Anti-Stokes-Shift Fluorescence for Sensitive Determination of pH Variances in Lysosomes with a Double-Checked Capability. <i>ACS Applied Bio Materials</i> , 2018, 1, 549-560.	4.6	35
23	A novel near-infrared fluorescent probe for sensitive detection of $\beta$ -galactosidase in living cells. <i>Analytica Chimica Acta</i> , 2017, 968, 97-104.	5.4	83
24	Near-infrared fluorescent probe for sensitive detection of Pb(II) ions in living cells. <i>Inorganica Chimica Acta</i> , 2017, 468, 140-145.	2.4	28
25	AIE-active conjugated polymer nanoparticles with red-emission for in vitro and in vivo imaging. <i>RSC Advances</i> , 2016, 6, 114580-114586.	3.6	12
26	Near-Infrared Fluorescent Probes with Large Stokes Shifts for Sensing Zn(II) Ions in Living Cells. <i>ACS Sensors</i> , 2016, 1, 1408-1415.	7.8	56
27	Aggregation-induced circularly polarized luminescence of an (R)-binaphthyl-based AIE-active chiral conjugated polymer with self-assembled helical nanofibers. <i>Polymer Chemistry</i> , 2015, 6, 2416-2422.	3.9	91
28	Circularly polarized luminescence of AIE-active chiral O-BODIPYs induced via intramolecular energy transfer. <i>Chemical Communications</i> , 2015, 51, 9014-9017.	4.1	124
29	A novel low-bandgap conjugated polymer based on Ru(II) bis(acetylide) complex and BODIPY moieties. <i>Journal of Polymer Science Part A</i> , 2014, 52, 1686-1692.	2.3	10
30	Near-infrared emission of novel bent-core V-shaped conjugated polymers based on the B,O-chelated azadipyromethene structure. <i>Polymer Chemistry</i> , 2013, 4, 4396.	3.9	27
31	Aza-BODIPY-based conjugated polymers with tunable band gap: synthesis and near-infrared emission. <i>Polymer Chemistry</i> , 2013, 4, 520-527.	3.9	51
32	A Fluorescent Chemosensor for Transition Metal Ions Based on Optically Active Polybinaphthyl and 2,2'-bipyridine. <i>Macromolecular Chemistry and Physics</i> , 2008, 209, 685-694.	2.2	26
33	Synthesis and enantioselectivities of soluble polymers incorporating optically active binaphthyl and binaphthol. <i>Journal of Applied Polymer Science</i> , 2007, 106, 821-827.	2.6	10
34	Synthesis and characterization of chiral polymer complexes incorporating polybinaphthyls, bipyridine, and Eu(III). <i>Journal of Polymer Science Part A</i> , 2007, 45, 650-660.	2.3	32