Shuwei Zhang

List of Publications by Year
in descending order

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	Circularly polarized luminescence of AIE-active chiral O-BODIPYs induced via intramolecular energy transfer. Chemical Communications, 2015, 51, 9014-9017.	4.1	124
2	Aggregation-induced circularly polarized luminescence of an (R)-binaphthyl-based AIE-active chiral conjugated polymer with self-assembled helical nanofibers. Polymer Chemistry, 2015, 6, 2416-2422.	3.9	91
3	A novel near-infrared fluorescent probe for sensitive detection of Î²-galactosidase in living cells. Analytica Chimica Acta, 2017, 968, 97-104.	5.4	83
4	Near-Infrared Fluorescent Probes with Large Stokes Shifts for Sensing Zn(II) Ions in Living Cells. ACS Sensors, 2016, 1, 1408-1415.	7.8	56
5	Aza-BODIPY-based Dâ€“Ï€â€“A conjugated polymers with tunable band gap: synthesis and near-infrared emission. Polymer Chemistry, 2013, 4, 520-527.	3.9	51
6	Tunable Functionalization of Saturated Câ€“C and Câ€“H Bonds of N,Nâ€²-Diarylpiperazines Enabled by tert-Butyl Nitrite (TBN) and NaNO₂ Systems. Organic Letters, 2019, 21, 5030-5034.	4.6	39
7	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. ACS Applied Bio Materials, 2018, 1, 549-560.	4.6	35
8	Synthesis and characterization of chiral polymer complexes incorporating polybinaphthyls, bipyridine, and Eu(III). Journal of Polymer Science Part A, 2007, 45, 650-660.	2.3	32
9	A water-soluble near-infrared fluorescent probe for sensitive and selective detection of cysteine. Talanta, 2019, 204, 747-752.	5.5	29
10	Near-infrared fluorescent probe for sensitive detection of Pb(II) ions in living cells. Inorganica Chimica Acta, 2017, 468, 140-145.	2.4	28
11	Near-infrared emission of novel bent-core V-shaped conjugated polymers based on the B,O-chelated azadipyrromethene structure. Polymer Chemistry, 2013, 4, 4396.	3.9	27
12	A Fluorescent Chemosensor for Transitionâ€Metal Ions Based on Optically Active Polybinaphthyl and 2,2â€²â€Bipyridine. Macromolecular Chemistry and Physics, 2008, 209, 685-694.	2.2	26
13	Tris(4-bromophenyl)aminium Hexachloroantimonate-Initiated Oxidative Povarov-Type Reaction between Glycine Esters and (Cyclopropylidenemethyl)benzenes Using the Counterion as a Chlorine Donor. Organic Letters, 2020, 22, 6294-6298.	4.6	24
14	Tunable aggregation-induced circularly polarized luminescence of chiral AIEgens via the regulation of mono-/di-substituents of molecules or nanostructures of self-assemblies. Materials Chemistry Frontiers, 2019, 3, 2066-2071.	5.9	23
15	A novel fluorescent probe with one-excitation and dual-emission for selective and simultaneous detection of Glutathione and Arginine in NIR and blue regions. Sensors and Actuators B: Chemical, 2019, 290, 691-697.	7.8	21
16	A novel AIE fluorescent probe for Î²-galactosidase detection and imaging in living cells. Analytica Chimica Acta, 2022, 1198, 339554.	5.4	16
17	AIE-active conjugated polymer nanoparticles with red-emission for in vitro and in vivo imaging. RSC Advances, 2016, 6, 114580-114586.	3.6	12
18	A Redox Conjugated Polymer-Based All-Solid-State Reference Electrode. Polymers, 2018, 10, 1191.	4.5	12

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19	Anthracene-induced formation of highly twisted metallacycle and its crystal structure and tunable assembly behaviors. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	7.1	12
20	SbCl₃initiated conjunctive Câ€“H bond functionalization and carbochlorination between glycine esters and methylenecyclopropanes (MCPs). Chemical Communications, 2021, 57, 9878-9881.	4.1	12
21	An indanone-based fluorescent probe for detection and imaging of Cys/Hcy in living cells. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2022, 279, 121364.	3.9	12
22	Synthesis and enantioselectivities of soluble polymers incorporating optically active binaphthyl and binaphthol. Journal of Applied Polymer Science, 2007, 106, 821-827.	2.6	10
23	A novel lowâ€bandgap conjugated polymer based on Ru(II) bis(acetylide) complex and BODIPY moieties. Journal of Polymer Science Part A, 2014, 52, 1686-1692.	2.3	10
24	Synthesis of Nitrated Nâ€Alkyl Anilines Using Nâ€Nitroso Anilines as a Selfâ€Providing Nitro Group Source. Asian Journal of Organic Chemistry, 2019, 8, 2205-2208.	2.7	10
25	Rhodiumâ€Catalyzed Cascade Annulation Reaction via Câˆ’H Activation of Azobenzenes with Terminal Alkynes: A Synthesis of Indolo[1,2â€•b]cinnolines. Advanced Synthesis and Catalysis, 2019, 361, 451-455.	4.3	10
26	Iron(<scp>iii</scp>)-catalyzed direct Câ€“H radical amination of (hetero)arenes. Organic Chemistry Frontiers, 2021, 8, 5440-5445.	4.5	8
27	Synthesis of 2-methylbenzoxazoles directly from N-phenylacetamides catalyzed by palladium acetate. Organic and Biomolecular Chemistry, 2018, 16, 101-107.	2.8	7
28	Câ€“N Bond Activation of N,Nâ€²-Dialkylacylhydrazines Mediated by Î²-Fragmentation of Nitrogen-Centered Radical. Journal of Organic Chemistry, 2019, 84, 14202-14208.	3.2	7
29	A fluorescent probe for detection homocysteine in green and NIR, and cysteine/glutathione in NIR regions. Tetrahedron Letters, 2021, 87, 153157.	1.4	6
30	Transition-metal-free sp3 Câ€“H activation of 2-methylquinoline with terminal alkynes for synthesis of 3-(quinolin-2-yl)isoxazoles. Tetrahedron Letters, 2019, 60, 1443-1447.	1.4	5
31	Radical Câˆ’H Bond Oxidation Initiated Intramolecular Cyclization of Glycine Esters: Construction of Dihydroquinoline Skeletons. Asian Journal of Organic Chemistry, 2019, 8, 115-118.	2.7	5
32	Oxidative Desymmetrization of Isoindolines Realized by tert-Butyl Nitrite (TBN) Initiated Radical sp3 Câ€“H Activation Relay (CHAR). Synthesis, 2021, 53, 1663-1671.	2.3	3
33	2,2â€²â€Azodi(2â€•methylbutyronitrile) (AMBN) Promoted Alkenylation of Cyclic Ethers via Radical Addition to Î²â€Nitrostyrenes. ChemistrySelect, 2022, 7, .	1.5	3
34	Aggregationâ€induced emission properties of pyridylâ€containing tetraâ€arylethenes. Luminescence, 2021, 36, 958-963.	2.9	2