

# Haiying Zhao

## List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Synthesis, complexation of 1,2,3-(NH)-triazolylferrocene derivatives and their catalytic effect on thermal decomposition of ammonium perchlorate. RSC Advances, 2013, 3, 19929.	3.6	40
2	Ferrocene and [3]ferrocenophane-based $\hat{I}^2$ -diketonato copper( $\langle\text{scp}\rangle\text{ii}\langle\text{scp}\rangle$ ) and zinc( $\langle\text{scp}\rangle\text{ii}\langle\text{scp}\rangle$ ) complexes: synthesis, crystal structure, electrochemistry and catalytic effect on thermal decomposition of ammonium perchlorate. RSC Advances, 2016, 6, 34476-34483.	3.6	37
3	Construction of 9 <i>H</i> -Pyrrolo[1,2- <i>a</i> ]indoles by a Copper-Catalyzed Friedel-Crafts Alkylation/Annulation Cascade Reaction. Journal of Organic Chemistry, 2016, 81, 11987-11993.	3.2	29
4	Synthesis, characterization, and photophysical properties of covalent-linked ferrocene-porphyrin-single-walled carbon nanotube triad hybrid. Carbon, 2012, 50, 4894-4902.	10.3	27
5	Anti-migration and burning rate catalytic performances of novel ferrocene-based porphyrins and their transition-metal complexes. New Journal of Chemistry, 2018, 42, 13319-13328.	2.8	26
6	Y(OTf) <sub>3</sub> -Catalyzed Cascade Propargylic Substitution/Aza-Meyer-Schuster Rearrangement: Stereoselective Synthesis of $\hat{I}^{\pm}, \hat{I}^2$ -Unsaturated Hydrazones and Their Conversion into Pyrazoles. Synlett, 2015, 26, 2170-2174.	1.8	22
7	Some new azobenzene liquid crystals involving chalcone and ester linkages. RSC Advances, 2017, 7, 46344-46353.	3.6	21
8	New ferrocene-triazole derivatives for multisignaling detection of Cu <sup>2+</sup> in aqueous medium and their antibacterial activity. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2020, 229, 117880.	3.9	21
9	Cu(II) and Ni(II) complexes of ferrocene-containing unsaturated $\hat{I}^2$ -diketones: electrochemical and burning-rate catalytic properties. Research on Chemical Intermediates, 2015, 41, 3971-3980.	2.7	20
10	Efficient solvent-free synthesis of tertiary propargylic alcohols from arylacetylenes and ketones promoted by tert-BuOK. Research on Chemical Intermediates, 2013, 39, 2391-2399.	2.7	19
11	Rh(I)-catalyzed regio- and enantioselective allylic alkylation of Meldrum's acid. Chinese Chemical Letters, 2021, 32, 385-388.	9.0	14
12	Electrochemistry and liquid crystal properties of mono-substituted 1,2,3-triazolylferrocene derivatives. Journal of Molecular Liquids, 2015, 206, 213-217.	4.9	11
13	New azobenzene liquid crystal with dihydropyrazole heterocycle and photoisomerization studies. Royal Society Open Science, 2020, 7, 200474.	2.4	11
14	Synthesis and photophysical properties of polyamides containing in-chain porphyrin and [60]fullerene. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	10
15	tert-BuOK-Catalyzed condensation of ethyl diazoacetate to aldehydes and palladium-catalyzed 1,2-hydrogen migration for the synthesis of $\hat{I}^2$ -ketoesters under solvent-free conditions. RSC Advances, 2013, 3, 12616.	3.6	10
16	Zn <sub>2</sub> -promoted homologation of ferrocenylacetylene and aldehydes: an efficient synthesis of ferrocene-containing allenes. Applied Organometallic Chemistry, 2012, 26, 284-286.	3.5	9
17	Palladium-catalyzed three-component reaction of ferrocenyl allenes, aryl iodides and active methylene compounds: regio- and stereoselective synthesis of (E)-alkenylferrocenes. RSC Advances, 2013, 3, 21326.	3.6	9
18	Synthesis, Photophysical and Electrochemical Properties of Amide-Linked Phthalocyanine-Fullerene Dyad. Chinese Journal of Chemistry, 2012, 30, 1766-1770.	4.9	7

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19	Synthesis of alleneferrocenes through CuI-mediated Crabb <sup>®</sup> homologation reaction. RSC Advances, 2013, 3, 1758-1762.	3.6	7
20	Burning-Rate Catalytic Properties of Ferrocenyl $\eta^2$ -Diketones and Their Cu(II), Ni(II) Complexes. Chinese Journal of Organic Chemistry, 2015, 35, 922.	1.3	7
21	Synthesis, Electrochemical, and Thermal Properties of [3]Ferrocenophane-Containing Chalcone Derivatives. Australian Journal of Chemistry, 2015, 68, 1035.	0.9	6
22	Regio- and Stereoselective Palladium-Catalyzed Intermolecular Three-Component Aryletherification of Terminal Allenes. Synthesis, 2018, 50, 4097-4103.	2.3	6
23	Ytterbium(III) Trifluoromethanesulfonate Catalyzed Ring-Opening C(sp <sup>3</sup> ) <sup>3</sup> -N Bond Formation of Benzoxazoles with Propargylic Alcohols. ChemCatChem, 2016, 8, 2894-2897.	3.7	5
24	Axially coordinated oligomer of ferrocene-based porphyrin with fullerene C60 for spectroscopic and photocurrent studies. Synthetic Metals, 2021, 271, 116635.	3.9	5
25	Rh <sub>2</sub> (OAc) <sub>4</sub> -catalyzed 2,3-migration of $\eta^2$ -ferrocenecarboxyl $\eta^1$ -diazocarbonyl compounds: an efficient synthesis of ferrocene-containing $\eta^1, \eta^2$ -unsaturated esters. RSC Advances, 2014, 4, 12482.	3.6	4
26	Rhodium-Catalyzed Double Isocyanide Insertion via a Vinylcarbodiimide Intermediate for the Synthesis of 2H-Pyrrol-2-imines. Synthesis, 2019, 51, 3250-3258.	2.3	4
27	Spectroscopic, Electrochemistry and Thermal Properties of Mono and 1,1'-Disubstituted 1,2,3-Triazolylferrocene Derivatives. Chinese Journal of Organic Chemistry, 2017, 37, 2328.	1.3	3
28	Synthesis, Anti $\pi$ -migration and Catalytic Effect of Ferrocene Azine Derivatives on the Thermal Decomposition of Ammonia Perchlorate. Zeitschrift Fur Anorganische Und Allgemeine Chemie, 0, , .	1.2	3
29	Electrochemical and liquid crystal properties of ferrocene-based $\eta^2$ -diketonato copper(II) and zinc(II) complexes. Research on Chemical Intermediates, 2015, 41, 8545-8556.	2.7	2
30	Electrochemical and Thermal Properties of Ferrocenyl 1,2,3-Triazole. Chinese Journal of Organic Chemistry, 2015, 35, 1526.	1.3	2
31	Synthesis and Properties of Porphyrin Containing Long Chain Alkylferrocene. Chinese Journal of Organic Chemistry, 2016, 36, 346.	1.3	1
32	Synthesis and liquid crystal properties of benzoates containing 1,2,3-triazole. Molecular Crystals and Liquid Crystals, 2022, 742, 1-9.	0.9	1