

Zheng-Yi Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	An efficient artificial light-harvesting system with tunable emission in water constructed from a H-bonded AIE supramolecular polymer and Nile Red. <i>Chemical Communications</i> , 2020, 56, 12021-12024.	4.1	70
2	Supramolecular polymer-directed light-harvesting system based on a stepwise energy transfer cascade. <i>Chemical Communications</i> , 2021, 57, 5782-5785.	4.1	54
3	The Use of Calixarenes in Asymmetric Catalysis. <i>Current Organic Chemistry</i> , 2011, 15, 39-61.	1.6	48
4	An efficient synthesis of quinazoline-2,4-dione derivatives with the aid of a low-valent titanium reagent. <i>Tetrahedron</i> , 2007, 63, 9764-9773.	1.9	47
5	An artificial light-harvesting system based on the ESIPT \rightarrow AIE \rightarrow FRET triple fluorescence mechanism. <i>Journal of Materials Chemistry A</i> , 2022, 10, 8528-8534.	10.3	46
6	Palladium \rightarrow Catalyzed Aminocarbonylation Reaction to Access 1,3,4 \rightarrow Oxadiazoles using Chloroform as the Carbon Monoxide Source. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3469-3473.	4.3	40
7	Preparation of a fixed-tetraphenylethylene motif bridged ditopic benzo-21-crown-7 and its application for constructing AIE supramolecular polymers. <i>Chinese Chemical Letters</i> , 2021, 32, 1377-1380.	9.0	37
8	An ultralow-acceptor-content supramolecular light-harvesting system for white-light emission. <i>Chemical Communications</i> , 2022, 58, 2343-2346.	4.1	36
9	Highly enantioselective aldol reactions catalyzed by reusable upper rim-functionalized calix[4]arene-based l-proline organocatalyst in aqueous conditions. <i>Tetrahedron</i> , 2017, 73, 78-85.	1.9	32
10	Biomimetic folding of small organic molecules driven by multiple non-covalent interactions. <i>Organic Chemistry Frontiers</i> , 2019, 6, 936-941.	4.5	30
11	Iron oxide-silver magnetic nanoparticles as simple heterogeneous catalysts for the direct inter/intramolecular nucleophilic substitution of I \rightarrow -activated alcohols with electron-deficient amines. <i>Tetrahedron</i> , 2015, 71, 5254-5259.	1.9	29
12	Nazarov cyclization of 1,4-pentadien-3-ols: preparation of cyclopenta[b]indoles and spiro[indene-1,4 \rightarrow -quinoline]s. <i>Chemical Communications</i> , 2016, 52, 2811-2814.	4.1	29
13	New Method for the Synthesis of Sulforaphane and Related Isothiocyanates. <i>Synthesis</i> , 2011, 2011, 3991-3996.	2.3	25
14	Supramolecular polymerization and cyclization of dioxynaphthalene motif bridged bifunctional UPys: minor variations in the molecular skeleton and drastic differences in self-assembly. <i>Materials Chemistry Frontiers</i> , 2019, 3, 2738-2745.	5.9	25
15	Highly Regioselective Synthesis of Substituted Pyrroles Utilizing Low-Valent Titanium Reagent. <i>Synthesis</i> , 2007, 2007, 3117-3124.	2.3	24
16	Acetal-based spirocyclic skeleton bridged tetraphenylethylene dimer for light-harvesting in water with ultrahigh antenna effect. <i>Dyes and Pigments</i> , 2021, 188, 109161.	3.7	23
17	Oxo-spirocyclic structure bridged ditopic Schiff base: A turn-on fluorescent probe for selective recognition of Zn(II) and its application in biosensing. <i>Dyes and Pigments</i> , 2018, 149, 921-926.	3.7	22
18	Ring-opening supramolecular polymerization controlled by orthogonal non-covalent interactions. <i>Polymer Chemistry</i> , 2019, 10, 3342-3350.	3.9	22

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19	Metal-Free C-S Bond Cleavage to Access N-Substituted Acrylamide and β -Aminopropanamide. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 5812-5814.	2.4	17
20	Novel Prolinamide Organocatalysts Based on Calix[4]arene Scaffold for the Enantioselective Direct Aldol Reaction. <i>Letters in Organic Chemistry</i> , 2010, 7, 461-466.	0.5	17
21	Novel supramolecular organocatalysts of hydroxyprolinamide based on calix[4]arene scaffold for the enantioselective Biginelli reaction. <i>Science China Chemistry</i> , 2011, 54, 1726-1734.	8.2	16
22	Crystal X-ray diffraction guided NMR analysis of 3,9-diaryl-2,4,8,10-tetraoxaspiro[5.5]undecanes under differently shielding effect of terminal aromatic rings. <i>Journal of Molecular Structure</i> , 2010, 973, 152-156.	3.6	15
23	Synthesis of Isothiocyanates by Reaction of Amines with Phenyl Chlorothionoformate via One-Pot or Two-Step Process. <i>Synthesis</i> , 2013, 45, 1667-1674.	2.3	15
24	Supramolecular Copolymers Driven by Quadruple Hydrogen Bonding and Host-Guest Interactions. <i>Chinese Journal of Organic Chemistry</i> , 2020, 40, 944.	1.3	15
25	Asymmetric Michael addition reactions catalyzed by a novel upper-rim functionalized calix[4]squaramide organocatalyst. <i>Chinese Chemical Letters</i> , 2020, 31, 3259-3262.	9.0	14
26	Practical synthesis of symmetrical thioureas and heterocyclic thiones in water. <i>Journal of Chemical Research</i> , 2016, 40, 515-518.	1.3	13
27	NFSI-catalyzed S S bond exchange reaction for the synthesis of unsymmetrical disulfides. <i>Chinese Chemical Letters</i> , 2022, 33, 4269-4272.	9.0	13
28	Metal-free direct C(sp ³)-H functionalization of 2-alkylthiobenzoic acid to access 1,3-benzoxathiin-4-one. <i>Chinese Chemical Letters</i> , 2021, 32, 146-149.	9.0	12
29	High-performance Liquid Chromatography Study of the Nitration Course of Tetrabutoxycalix[4]arene at the Upper Rim: Determination of the Optimum Conditions for the Preparation of 5,11,17-trinitro-25,26,27,28-tetrabutoxycalix[4]arene. <i>Chinese Journal of Chemistry</i> , 2009, 27, 2031-2036.	4.9	10
30	Reversible hydrogen-bonded polymerization regulated by allosteric metal templation. <i>Chemical Communications</i> , 2020, 56, 14385-14388.	4.1	10
31	Metal-free and Selectfluor-mediated diverse transformations of 2-alkylthiobenzamides to access 2,3-dihydrobenzothiazin-4-ones, benzoisothiazol-3-ones and 2-alkylthiobenzonitriles. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4016-4022.	4.5	10
32	Highly Enantioselective Direct Aldol Reactions Catalyzed by Proline Derivatives Based on a Calix[4]arene Scaffold in the Presence of Water. <i>Synlett</i> , 2009, 2009, 2356-2360.	1.8	9
33	Asymmetric Michael addition reactions catalyzed by calix[4]thiourea cyclohexanediamine derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2018, 14, 1901-1907.	2.2	9
34	Self-assembled Fluorescent Nanoparticles with Tunable LCST Behavior in Water. <i>Chemistry - an Asian Journal</i> , 2022, 17, .	3.3	9
35	Metal-Free Selective C-S Bond Cleavage of Thioethers to Access β -Alkoxy Carbonyl Compounds. <i>ChemistrySelect</i> , 2021, 6, 6268-6271.	1.5	8
36	Amide-assisted β -C(sp ³)-H acyloxylation of organic sulfides to access β -acyloxy sulfides. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4974-4979.	4.5	8

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37	Chiral Moieties-Oriented Single-Stranded Helical Assembly of Calix[4]azacrown Derivatives. <i>Crystal Growth and Design</i> , 2011, 11, 2684-2689.	3.0	6
38	A Fluorescent Chemosensor for Al ³⁺ Based on C ₁₅ O Isomerization Derived from Curcumin. <i>Chinese Journal of Chemistry</i> , 2016, 34, 657-661.	4.9	6
39	Lewis-Base-Catalyzed Alkylation Reaction of 4-Hydroxycoumarins with Allenoates: Regioselective Synthesis of 2-H ^{3,2} -Furocoumarins and 4-Hydroxycoumarin Vinyl Ether Derivatives. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 512-515.	2.7	5
40	Intermolecular Reductive Cyclodimerization of Cyclic α,β -Unsaturated Ketones-Promoted by a Low-Valent Titanium Reagent: A Facile Synthesis of Some New Spiro Compounds. <i>Synthesis</i> , 2007, 2007, 1797-1806.	2.3	4
41	Chiral exploration of 6,12-diphenyldibenzo[<i>b,f</i>][1,5]diazocine with stable conformation. <i>Chirality</i> , 2017, 29, 134-139.	2.6	4
42	Synthesis of Calix[4]proline Derivatives and Their Chiral Recognition for Enantiomers of Mandelic Acid. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1531.	1.3	4
43	Synthesis of 3-Aryl-3,4-Dihydroquinazolin-2(1H)-Ones with the Aid of Low-Valent Titanium Reagent (TiCl ₄ -Sm). <i>Journal of Chemical Research</i> , 2007, 2007, 545-547.	1.3	3
44	Novel Tripod I-Prolinamide Catalysts Based on Tribenzyl- and Triphenyl-phosphine Oxide for the Direct Aldol Reaction. <i>Synlett</i> , 2009, 2009, 933-936.	1.8	3
45	Improvement of the Synthesis of Isothiocyanates. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 1999.	1.3	3
46	Supramolecular interaction controlled and calix[4]arene ligand assisted Pd-catalyzed C(sp ³) ^H arylation of aliphatic aldehydes. <i>Chinese Chemical Letters</i> , 2022, 33, 5116-5119.	9.0	3
47	Convenient Synthesis of Unsymmetrical N,N ² -disubstituted Thioureas in Water. <i>Journal of Chemical Research</i> , 2016, 40, 670-673.	1.3	2
48	Calixarene Promoted Transition-Metal-Catalyzed Reactions. <i>Chinese Journal of Organic Chemistry</i> , 2021, 41, 2188.	1.3	2
49	3-(4-Chlorophenyl)-3,4-dihydroquinazolin-2(1H)-one. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o2011-o2013.	0.2	1
50	9-Chloro-2,3-diphenyl-5,6-dihydroimidazo[1,2-c]quinazolin-5-oneN,N-dimethylformamide solvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2004, 60, o2032-o2034.	0.2	1
51	Unprecedented synthesis of chiral calix[4](aza)crowns and its potent encapsulating methanol. <i>Science in China Series B: Chemistry</i> , 2009, 52, 497-504.	0.8	1
52	Crystal structure of rac-3,9-bis(2,6-difluorophenyl)-2,4,8,10-tetraoxaspiro[5.5]undecane. <i>Acta Crystallographica Section E: Crystallographic Communications</i> , 2015, 71, o127-o128.	0.5	1
53	Diaquasodium(I) perchlorate bis[1 ^{1/4} -2-(carboxylatomethyliminomethyl)phenolato]bis[(3-methylpyridine)copper(II)]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m1634-m1634.	0.2	1
54	25,26,27,28-Tetrabutoxy-5,11,17,23-tetra-tert-butylcalix[4]arene chloroform tetrasolvate dihydrate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2009, 65, o1697-o1697.	0.2	1

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55	6-Chloro-3-(p-tolyl)-3,4-dihydroquinazolin-2(1H)-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1429-o1430.	0.2	0
56	3-(4-Bromophenyl)-2,2-dimethyl-2,3-dihydroquinazolin-4(1H)-one. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o1992-o1994.	0.2	0
57	6-Chloro-3-(4-chlorophenyl)-3,4-dihydroquinazolin-2(1H)-one acetone hemisolvate. Acta Crystallographica Section E: Structure Reports Online, 2004, 60, o2465-o2467.	0.2	0
58	2,3a-trans-1,3a-cis-1,2-Bis(4-chlorophenyl)-1,2,3,3a,8,8a-hexahydrobenzo[e]bicyclo[3.3]octane-3-spiro-2'-indene-1-one acetone solvate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o2709-o2711.	0.2	0
59	1,3-trans-1,4-cis-1,2-Bis(2,4-dichlorophenyl)-1,2,3,3a,8,8a-hexahydrobenzo[e]pentalene-3-spiro-2'-indan-3a,1'-diol acetone solvate. Acta Crystallographica Section E: Structure Reports Online, 2005, 61, o3219-o3221.	0.2	0
60	3,9-Bis(2,4-dichlorophenyl)-2,4,8,10-tetraoxaspiro[5.5]undecane. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o1864-o1864.	0.2	0
61	3,3,9,9-Tetraphenyl-2,4,8,10-tetraoxaspiro[5.5]undecane. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3035-o3035.	0.2	0
62	3,9-Di-tert-butyl-2,4,8,10-tetraoxaspiro[5.5]undecane. Acta Crystallographica Section E: Structure Reports Online, 2010, 66, o3368-o3368.	0.2	0
63	Synthesis and Special Structure of a Novel Low-Generation Amide Dendrimer with Pseudo-Symmetric Branch Distribution. Journal of Chemical Research, 2010, 34, 432-434.	1.3	0
64	rac-3,9-Bis(3-chlorophenyl)-2,4,8,10-tetraoxaspiro[5.5]undecane. Acta Crystallographica Section E: Structure Reports Online, 2011, 67, o2672-o2672.	0.2	0
65	5,17-Diformyl-25,26,27,28-tetrapropoxycalix[4]arene. Acta Crystallographica Section E: Structure Reports Online, 2013, 69, o424-o424.	0.2	0
66	Crystal structure of azilsartan methyl ester ethyl acetate hemisolvate. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o84-o85.	0.5	0
67	Crystal structure of (E)-2-({[2-(1,3-dioxan-2-yl)phenyl]imino}methyl)phenol. Acta Crystallographica Section E: Crystallographic Communications, 2015, 71, o357-o358.	0.5	0