

# Zhiping Li

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	$\hat{I}^2$ -Perfluoroalkyl Peroxides as Fluorinated C3-Building Blocks for the Construction of Benzo[4,5]imidazo[1,2-a]pyridines. <i>Journal of Organic Chemistry</i> , 2022, , .	3.2	4
2	Concomitant functionalization of two different ketones by merging Brønsted acid catalysis and radical relay coupling. <i>Organic Chemistry Frontiers</i> , 2022, 9, 1561-1566.	4.5	2
3	Copper-Catalyzed Three-Component Gernyl Peroxidation of Alkenes. <i>Organic Letters</i> , 2022, 24, 2425-2430.	4.6	21
4	Three-Component Coupling of $\hat{I}^2$ -trifluoromethyl Carbonyls, Azides and Amines for the Regioselective Synthesis of 1,4,5-trisubstituted 1,2,3-triazoles. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 1402-1408.	4.3	14
5	Recent Advances in C-F Bond Activation of Acyl Fluorides Directed toward Catalytic Transformation by Transition Metals, N-Heterocyclic Carbenes, or Phosphines. <i>Synthesis</i> , 2022, 54, 3667-3697.	2.3	17
6	Pd/NHC-Controlled Regiodivergent Defluorinative Allylation of <i>gem</i> -Difluorocyclopropanes with Allylboronates. <i>ACS Catalysis</i> , 2022, 12, 6495-6505.	11.2	30
7	Tandem defluorination/annulation of $\hat{I}^2$ -CF <sub>3</sub> carbonyls with bis-nucleophiles: Stereodivergent synthesis of 2-alkylidene-1,3-heterocycles. <i>Tetrahedron Letters</i> , 2022, , 153902.	1.4	5
8	[4+1] Cyclization of $\hat{I}^2$ -CF <sub>3</sub> Carbonyls with Hydrazides: Synthesis of 1,3,4-Oxadiazoles under Ambient Conditions. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	2.7	4
9	A Mn-catalyzed remote C(sp <sup>3</sup> )-H bond peroxidation triggered by radical trifluoromethylation of unactivated alkenes. <i>Chemical Communications</i> , 2021, 57, 7846-7849.	4.1	12
10	Cross-dehydrogenative coupling: a sustainable reaction for C-C bond formations. <i>Green Chemistry</i> , 2021, 23, 6789-6862.	9.0	130
11	Biodegradable all polyester-based multiblock copolymer elastomers with controlled properties. <i>Polymer Chemistry</i> , 2021, 12, 1837-1845.	3.9	12
12	Iron-catalysed radical cyclization to synthesize germanium-substituted indolo[2,1- <i>a</i> ]isoquinolin-6(5 <i>H</i> )-ones and indolin-2-ones. <i>Chemical Communications</i> , 2021, 57, 9276-9279.	4.1	37
13	Synthesis of isoxazoles via cyclization of $\hat{I}^2$ -fluoro enones with sodium azide. <i>Tetrahedron Letters</i> , 2021, 71, 153052.	1.4	5
14	Regioselective Synthesis of Emission Color-tunable Pyrazolo[1,5- <i>a</i> ]pyrimidines with $\hat{I}^2$ , $\hat{I}^2$ -difluoro Peroxides as 1,3-bis-Electrophiles. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3233-3239.	4.3	9
15	Annulative $\hat{I}^2$ -Extension (APEX) of Indoles to Pyrido[1,2- <i>a</i> ]indoles Using 4-Oxo Peroxides as C4 Units. <i>Organic Letters</i> , 2021, 23, 5978-5982.	4.6	6
16	Iron-Catalyzed Ring-Opening Reactions of Cyclopropanols with Alkenes and TBHP: Synthesis of 5-Oxo Peroxides. <i>Organic Letters</i> , 2021, 23, 7608-7612.	4.6	25
17	Three-Component Reactions of $\hat{I}^2$ -CF <sub>3</sub> Carbonyls, NaN <sub>3</sub> , and Amines for the Synthesis of <i>NH</i> -1,2,3-Triazoles. <i>Journal of Organic Chemistry</i> , 2021, 86, 17197-17212.	3.2	20
18	Ligand-controlled regioselective and chemodivergent defluorinative functionalization of <i>gem</i> -difluorocyclopropanes with simple ketones. <i>Chemical Science</i> , 2021, 12, 15511-15518.	7.4	30

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19	Iron-catalyzed acylation-functionalization of unactivated alkenes with aldehydes. <i>Chemical Communications</i> , 2020, 56, 14637-14640.	4.1	22
20	Copper-catalyzed trifluoromethylthiolation-peroxidation of alkenes and allenes. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1837-1844.	4.5	18
21	Iron-Catalyzed [2+2+2] Annulation of Aliphatic Bridged 1, <i>n</i> -Enynes with Aldehydes for the Synthesis of Fused Pyrans. <i>European Journal of Organic Chemistry</i> , 2020, 4425-4428.	2.4	5
22	DABCO-Mediated [4+1] Cycloaddition of $\hat{I}^2$ -Dihalo Peroxides with Sodium Azide toward Isoxazoles. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 1018-1021.	2.7	6
23	Copper-Catalyzed Selective Cross-Couplings of Propargylic Ethers with Aryl Grignard Reagents. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1834-1837.	2.7	5
24	Four-Component Reactions for the Synthesis of Perfluoroalkyl Isoxazoles. <i>ACS Catalysis</i> , 2019, 9, 9098-9102.	11.2	36
25	Mn-Catalyzed azidation-peroxidation of alkenes. <i>Organic Chemistry Frontiers</i> , 2019, 6, 632-636.	4.5	27
26	Cobalt-Catalyzed Three-Component Difluoroalkylation-peroxidation of Alkenes. <i>Journal of Organic Chemistry</i> , 2019, 84, 5328-5338.	3.2	36
27	Nitration-peroxidation of Alkenes: A Selective Approach to $\hat{I}^2$ -Peroxy Nitroalkanes. <i>Organic Letters</i> , 2019, 21, 1480-1483.	4.6	45
28	Salicylate-Directed C=O Bond Cleavage: Iron-Catalyzed Allylic Substitution with Grignard Reagents. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 914-917.	2.7	13
29	Copper-catalyzed three-component phosphorylation-peroxidation of alkenes. <i>Organic Chemistry Frontiers</i> , 2018, 5, 972-976.	4.5	30
30	Ag-catalyzed sulfonylation-peroxidation of alkenes with sulfonyl hydrazides and T-hydro. <i>Tetrahedron Letters</i> , 2018, 59, 3942-3945.	1.4	22
31	Fe- or co-catalyzed silylation-peroxidation of alkenes with hydrosilanes and T-hydro. <i>Tetrahedron Letters</i> , 2018, 59, 2604-2606.	1.4	13
32	FeCl <sub>3</sub> -Catalyzed Regio-Divergent Carbosulfonylation of Unactivated Alkenes: Construction of a Medium-Sized Ring. <i>Journal of Organic Chemistry</i> , 2018, 83, 10985-10994.	3.2	19
33	Iron-Catalyzed Oxidative Cyclization of 1,6-Enones with Aldehydes: Synthesis of Functionalized 3,4-Dihydro-2H-pyrans. <i>Chinese Journal of Chemistry</i> , 2017, 35, 303-306.	4.9	13
34	Cycloalkylation of C(sp <sup>3</sup> )-H Bond with Neighboring Carboxylic Acid as Traceless Activating Group. <i>Journal of Organic Chemistry</i> , 2017, 82, 2689-2702.	3.2	23
35	Total Synthesis and Structure Revision of ( $\hat{A}$ ±)-Clavilactone D Through Selective Cyclization of an $\hat{I}^{\pm}, \hat{I}^2$ -Dicarbonyl Peroxide. <i>Journal of Organic Chemistry</i> , 2017, 82, 5487-5491.	3.2	20
36	Cobalt-Catalyzed Alkylation-peroxidation of Alkenes with 1,3-Dicarbonyl Compounds and T-hydro. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 313-321.	2.7	27

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37	Benzannulation of Pyrroles to 4,5-Disubstituted Indoles through Brønsted Acid-Promoted Rearrangement of <i>tert</i> -Butyl Peroxides. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1604-1611.	2.7	8
38	Diastereoselective building up polycyclic tetrahydrofurans via tandem annulation of 1, <i>n</i> -enynes with aliphatic acids. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2147-2152.	4.5	19
39	Iron-Catalyzed Radical [2 + 2 + 2] Annulation of Benzene-Linked 1,7-Enynes with Aldehydes: Fused Pyran Compounds. <i>Organic Letters</i> , 2016, 18, 2264-2267.	4.6	66
40	Iron-catalyzed allylic substitution reactions of allylic ethers with Grignard reagents. <i>Tetrahedron Letters</i> , 2016, 57, 2211-2214.	1.4	27
41	A general method for synthesis of cis-dicarbonyl epoxides through DBU/LiBr-cocatalyzed cyclization of 1,2-dicarbonyl peroxides. <i>Tetrahedron Letters</i> , 2016, 57, 3827-3831.	1.4	8
42	Iron-catalyzed decarbonylation initiated [2 + 2 + m] annulation of benzene-linked 1, <i>n</i> -enynes with aliphatic aldehydes. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1509-1513.	4.5	48
43	FeCl <sub>3</sub> -Catalyzed Ring-Closing Carbonyl-Olefin Metathesis. <i>Angewandte Chemie</i> , 2016, 128, 10566-10569.	2.0	20
44	FeCl <sub>3</sub> -Catalyzed Ring-Closing Carbonyl-Olefin Metathesis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10410-10413.	13.8	90
45	Fe-Catalyzed Cross-Dehydrogenative Coupling Reactions. <i>Topics in Current Chemistry</i> , 2016, 374, 38.	5.8	74
46	Copper-catalyzed tandem trifluoromethylation-cyclization of olefinic carbonyls: synthesis of trifluoromethylated 2,3-dihydrofurans and 3,4-dihydropyrans. <i>Organic Chemistry Frontiers</i> , 2016, 3, 804-808.	4.5	32
47	Manganese-Catalyzed Alkyl-Heck-Type Reaction via Oxidative Decarbonylation of Aldehydes. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 622-625.	2.7	35
48	Iron-Catalyzed Convergent Radical Cyclization of Aldehydes with Two Alkenes to 3,4-Dihydropyrans. <i>Organic Letters</i> , 2015, 17, 4324-4327.	4.6	42
49	Hydroxysulfenylation of Electron-Deficient Alkenes through an Aerobic Copper Catalysis. <i>Organic Letters</i> , 2015, 17, 1180-1183.	4.6	63
50	Iron-catalyzed aerobic oxidative amidation of tertiary amines with carboxylic acids. <i>Science China Chemistry</i> , 2015, 58, 1310-1315.	8.2	9
51	Iron-Catalyzed Divergent Tandem Radical Annulation of Aldehydes with Olefins toward Indolines and Dihydropyrans. <i>Journal of Organic Chemistry</i> , 2015, 80, 12562-12571.	3.2	37
52	Iron-catalyzed alkoxy-carbonylation-peroxidation of alkenes with carbazates and T-Hydro. <i>Tetrahedron Letters</i> , 2015, 56, 6719-6721.	1.4	36
53	Iron-Catalyzed Acylation-Oxygenation of Terminal Alkenes for the Synthesis of Dihydrofurans Bearing a Quaternary Carbon. <i>Journal of Organic Chemistry</i> , 2015, 80, 698-704.	3.2	73
54	Total Synthesis of (±)-Clavilactones A, B, and Proposed D through Iron-Catalyzed Carbonylation-Peroxidation of Olefin. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4164-4167.	13.8	74

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55	Benzannulation of Indoles to Carbazoles and Its Applications for Syntheses of Carbazole Alkaloids. <i>Organic Letters</i> , 2014, 16, 5156-5159.	4.6	99
56	Iron-catalyzed/mediated oxidative transformation of C-H bonds. <i>Organic Chemistry Frontiers</i> , 2014, 1, 194-214.	4.5	253
57	Efficient and Selective Synthesis of $\alpha,\beta$ -Epoxy- $\gamma$ -Butyrolactones from $\alpha,\beta$ -Peroxy- $\gamma,\delta$ -Dicarbonyl Compounds. <i>Chemistry - an Asian Journal</i> , 2013, 8, 359-363.	3.3	22
58	The Rearrangement of <i>tert</i> -Butylperoxides for the Construction of Polysubstituted Furans. <i>Organic Letters</i> , 2013, 15, 5432-5435.	4.6	62
59	Iron-Catalyzed C-C Bond Cleavage and C-N Bond Formation. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 181-190.	4.3	30
60	Synthesis of $\alpha$ -ester- $\beta$ -keto peroxides via iron-catalyzed carbonylation-peroxidation of $\alpha,\beta$ -unsaturated esters. <i>Tetrahedron</i> , 2012, 68, 10333-10337.	1.9	49
61	Iron-catalyzed benzylation of 1,3-dicarbonyl compounds by simple toluene derivatives. <i>Science Bulletin</i> , 2012, 57, 2382-2386.	1.7	37
62	Iron-Catalyzed Carbonylation-Peroxidation of Alkenes with Aldehydes and Hydroperoxides. <i>Journal of the American Chemical Society</i> , 2011, 133, 10756-10759.	13.7	286
63	Iron-Catalyzed <i>ortho</i> -Selective Functionalization of Phenols: A Straightforward Strategy towards the $1,2$ -dione Skeleton. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5787-5790.	2.4	28
64	Iron-Catalyzed C-C Bond Formation by Direct Functionalization of C-H Bonds Adjacent to Heteroatoms. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 7497-7500.	13.8	291
65	C-H Bond Oxidation Initiated Pummerer- and Knoevenagel-Type Reactions of Benzyl Sulfide and 1,3-Dicarbonyl Compounds. <i>Organic Letters</i> , 2008, 10, 803-805.	4.6	102
66	FeCl <sub>2</sub> -Catalyzed Selective C-C Bond Formation by Oxidative Activation of a Benzylic C-H Bond. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 6505-6507.	13.8	348
67	Cu-catalyzed cross-dehydrogenative coupling: A versatile strategy for C-C bond formations via the oxidative activation of sp <sup>3</sup> C-H bonds. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 8928-8933.	7.1	555
68	Catalytic Allylic Alkylation via the Cross-Dehydrogenative-Coupling Reaction between Allylic sp <sup>3</sup> C-H and Methylenic sp <sup>3</sup> C-H Bonds. <i>Journal of the American Chemical Society</i> , 2006, 128, 56-57.	13.7	262
69	Green chemistry: The development of cross-dehydrogenative coupling (CDC) for chemical synthesis. <i>Pure and Applied Chemistry</i> , 2006, 78, 935-945.	1.9	233
70	Highly Efficient CuBr-Catalyzed Cross-Dehydrogenative Coupling (CDC) between Tetrahydroisoquinolines and Activated Methylene Compounds. <i>European Journal of Organic Chemistry</i> , 2005, 2005, 3173-3176.	2.4	173
71	Highly Efficient Copper-Catalyzed Nitro-Mannich Type Reaction: A Cross-Dehydrogenative-Coupling between sp <sup>3</sup> C-H Bond and sp <sup>3</sup> C-H Bond. <i>Journal of the American Chemical Society</i> , 2005, 127, 3672-3673.	13.7	517
72	CuBr-Catalyzed Direct Indolation of Tetrahydroisoquinolines via Cross-Dehydrogenative Coupling between sp <sup>3</sup> C-H and sp <sup>2</sup> C-H Bonds. <i>Journal of the American Chemical Society</i> , 2005, 127, 6968-6969.	13.7	486

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73	Catalytic Enantioselective Alkynylation of Prochiral sp <sup>3</sup> C-H Bonds Adjacent to a Nitrogen Atom. <i>Organic Letters</i> , 2004, 6, 4997-4999.	4.6	356
74	CuBr-Catalyzed Efficient Alkynylation of sp <sup>3</sup> C-H Bonds Adjacent to a Nitrogen Atom. <i>Journal of the American Chemical Society</i> , 2004, 126, 11810-11811.	13.7	623
75	Asymmetric Synthesis Based on Catalytic Activation of C-H Bonds and C-C Bonds. , 0, , 129-152.		0