

# Hong-Li Bao

## List of Publications by Citations

**Source:** <https://exaly.com/author-pdf/7674536/hong-li-bao-publications-by-citations.pdf>

**Version:** 2024-04-19

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

75  
papers

1,708  
citations

25  
h-index

38  
g-index

84  
ext. papers

2,213  
ext. citations

7.5  
avg, IF

5.42  
L-index

#	Paper	IF	Citations
75	Iron-Catalyzed Carboamination of Olefins: Synthesis of Amines and Disubstituted $\beta$ -Amino Acids. <i>Journal of the American Chemical Society</i> , <b>2017</b> , 139, 13076-13082	16.4	101
74	Copper-Catalyzed Radical 1,4-Difunctionalization of 1,3-Enynes with Alkyl Diacyl Peroxides and N-Fluorobenzenesulfonimide. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 548-559	16.4	92
73	Iron-Catalyzed Decarboxylative Alkyl Etherification of Vinylarenes with Aliphatic Acids as the Alkyl Source. <i>Angewandte Chemie - International Edition</i> , <b>2017</b> , 56, 3650-3654	16.4	91
72	Iron catalyzed methylation and ethylation of vinyl arenes. <i>Chemical Science</i> , <b>2017</b> , 8, 2081-2085	9.4	70
71	Catalytic enantioselective allylic amination of unactivated terminal olefins via an ene reaction/[2,3]-rearrangement. <i>Journal of the American Chemical Society</i> , <b>2012</b> , 134, 18495-8	16.4	64
70	BINOLate Magnesium Catalysts for Enantioselective Hetero-Diels-Alder Reaction of Danishefsky's Diene with Aldehydes. <i>European Journal of Organic Chemistry</i> , <b>2008</b> , 2008, 2248-2254	3.2	60
69	Iron-catalyzed carboazidation of alkenes and alkynes. <i>Nature Communications</i> , <b>2019</b> , 10, 122	17.4	57
68	Recent Progress on Radical Decarboxylative Alkylation for Csp <sup>3</sup> -C Bond Formation. <i>Synthesis</i> , <b>2017</b> , 49, 5263-5284	2.9	56
67	Iron-Catalyzed C-H Alkylation of Heterocyclic C-H Bonds. <i>Organic Letters</i> , <b>2017</b> , 19, 46-49	6.2	54
66	Copper-Catalyzed Regioselective 1,2-Alkylesterification of Dienes to Allylic Esters. <i>Organic Letters</i> , <b>2016</b> , 18, 392-5	6.2	54
65	Enantioselective Ring Opening Reaction of meso-Epoxides with Aromatic and Aliphatic Amines Catalyzed by Magnesium Complexes of BINOL Derivatives. <i>European Journal of Organic Chemistry</i> , <b>2010</b> , 2010, 6722-6726	3.2	51
64	Copper-catalyzed 1,4-alkylarylation of 1,3-enynes with masked alkyl electrophiles. <i>Chemical Science</i> , <b>2019</b> , 10, 3632-3636	9.4	46
63	Copper-Catalyzed Ligand-Free Diazidation of Olefins with TMSN in CHCN or in HO. <i>Organic Letters</i> , <b>2017</b> , 19, 6120-6123	6.2	44
62	Barbier Hyperbranching Polymerization-Induced Emission toward Facile Fabrication of White Light-Emitting Diode and Light-Harvesting Film. <i>Journal of the American Chemical Society</i> , <b>2019</b> , 141, 16839-16848	16.4	41
61	NBN-Doped Conjugated Polycyclic Aromatic Hydrocarbons as an AIEgen Class for Extremely Sensitive Detection of Explosives. <i>Angewandte Chemie - International Edition</i> , <b>2018</b> , 57, 15510-15516	16.4	41
60	Copper-Catalyzed Enantioselective Radical 1,4-Difunctionalization of 1,3-Enynes. <i>Journal of the American Chemical Society</i> , <b>2020</b> , 142, 18014-18021	16.4	40
59	Catalytic enantioselective [2,3]-rearrangements of amine N-oxides. <i>Journal of the American Chemical Society</i> , <b>2011</b> , 133, 1206-8	16.4	39

58	β-Amino Butyric Acid (GABA) Synthesis Enabled by Copper-Catalyzed Carboamination of Alkenes. <i>Organic Letters</i> , <b>2017</b> , 19, 4718-4721	6.2	37
57	Merging Visible-Light Photocatalysis and Transition-Metal Catalysis in Three-Component Alkyl-Fluorination of Olefins with a Fluoride Ion. <i>Organic Letters</i> , <b>2018</b> , 20, 4245-4249	6.2	37
56	Copper-Catalyzed Radical Acyl-Cyanation of Alkenes with Mechanistic Studies on the tert-Butoxy Radical. <i>ACS Catalysis</i> , <b>2019</b> , 9, 5191-5197	13.1	32
55	Radical azidation as a means of constructing C(sp <sup>3</sup> )-N <sub>3</sub> bonds. <i>Green Synthesis and Catalysis</i> , <b>2020</b> , 1, 86-120	9.3	29
54	Iron-Catalyzed Radical Acyl-Azidation of Alkenes with Aldehydes: Synthesis of Unsymmetrical β-Azido Ketones. <i>Organic Letters</i> , <b>2019</b> , 21, 256-260	6.2	29
53	Iron-Catalyzed Dehydrative Alkylation of Propargyl Alcohol with Alkyl Peroxides To Form Substituted 1,3-Enynes. <i>Organic Letters</i> , <b>2018</b> , 20, 3202-3205	6.2	29
52	Alkyl Esterification of Vinylarenes Enabled by Visible-Light-Induced Decarboxylation. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 11767-11770	4.8	26
51	Copper-Catalyzed Decarboxylative Alkylation of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , <b>2017</b> , 359, 3720-3724	5.6	26
50	Iron-Catalyzed Alkylazidation of 1,1-Disubstituted Alkenes with Diacylperoxides and TMSN. <i>Organic Letters</i> , <b>2020</b> , 22, 3195-3199	6.2	25
49	Iron-catalysed asymmetric carboazidation of styrenes. <i>Nature Catalysis</i> , <b>2021</b> , 4, 28-35	36.5	25
48	Hydroalkylation of terminal aryl alkynes with alkyl diacyl peroxides. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 5677-5680		24
47	Iron-Catalyzed Decarboxylative Alkyl Etherification of Vinylarenes with Aliphatic Acids as the Alkyl Source. <i>Angewandte Chemie</i> , <b>2017</b> , 129, 3704-3708	3.6	23
46	Synthesis of difluoromethylated allenes through trifunctionalization of 1,3-enynes. <i>Nature Communications</i> , <b>2020</b> , 11, 416	17.4	22
45	Iron-Catalyzed Radical Decarboxylative Oxyalkylation of Terminal Alkynes with Alkyl Peroxides. <i>Chemistry - A European Journal</i> , <b>2017</b> , 23, 10254-10258	4.8	19
44	Cu-Catalyzed Alkylarylation of Vinylarenes with Masked Alkyl Electrophiles. <i>Organic Letters</i> , <b>2020</b> , 22, 620-625	6.2	19
43	Iron(III)-Catalyzed Ortho-Preferred Radical Nucleophilic Alkylation of Electron-Deficient Arenes. <i>Organic Letters</i> , <b>2017</b> , 19, 6538-6541	6.2	18
42	Regioselective and Diastereoselective Aminoarylation of 1,3-Dienes. <i>Chemical Science</i> , <b>2014</b> , 5, 4863-4867	7.4	16
41	Iron(II)-Catalyzed Heck-Type Coupling of Vinylarenes with Alkyl Iodides. <i>Organic Letters</i> , <b>2019</b> , 21, 776-779	9.2	15

40	Enantioselective Ring Opening of meso-Epoxides with Aromatic Amines Catalyzed by Dinuclear Magnesium Complexes. <i>Chinese Journal of Chemistry</i> , <b>2013</b> , 31, 67-71	4.9	14
39	Practical Method for Reductive Deuteration of Ketones with Magnesium and D <sub>2</sub> O. <i>Organic Letters</i> , <b>2020</b> , 22, 991-996	6.2	13
38	HOTf-Catalyzed Alkyl-Heck-type Reaction. <i>IScience</i> , <b>2018</b> , 3, 255-263	6.1	13
37	Copper-catalyzed regioselective allylic oxidation of olefins via C-H activation. <i>Tetrahedron Letters</i> , <b>2017</b> , 58, 4125-4128	2	13
36	Barbier Self-Condensing Ketyl Polymerization-Induced Emission: A Polarity Reversal Approach to Reversed Polymerizability. <i>IScience</i> , <b>2020</b> , 23, 101031	6.1	12
35	Copper-Catalyzed Enantioselective Cyano(Fluoro)Alkylation of Alkenes. <i>Advanced Synthesis and Catalysis</i> , <b>2020</b> , 362, 2211-2215	5.6	12
34	Iron-Catalyzed Radical Asymmetric Aminoazidation and Diazidation of Styrenes. <i>Angewandte Chemie - International Edition</i> , <b>2021</b> , 60, 12455-12460	16.4	12
33	Iron-Catalyzed Oxyalkylation of Terminal Alkynes with Alkyl Iodides. <i>Organic Letters</i> , <b>2019</b> , 21, 261-265	6.2	11
32	NBN-Doped Conjugated Polycyclic Aromatic Hydrocarbons as an AI-Egen Class for Extremely Sensitive Detection of Explosives. <i>Angewandte Chemie</i> , <b>2018</b> , 130, 15736-15742	3.6	11
31	1,4-Fluoroamination of 1,3-Enynes en Route to Fluorinated Allenes. <i>Organic Letters</i> , <b>2020</b> , 22, 5261-5265	6.2	10
30	Copper(I)-Catalyzed Cyanoperfluoroalkylation of Alkynes. <i>Organic Letters</i> , <b>2019</b> , 21, 7078-7083	6.2	10
29	Revealing the Iron-Catalyzed Methyl Scission of $\alpha$ -Butoxyl Radicals via the Mechanistic Studies of Carboazidation of Alkenes. <i>Molecules</i> , <b>2020</b> , 25,	4.8	9
28	Iron-Catalyzed Carboiodination of Alkynes. <i>Synthesis</i> , <b>2018</b> , 50, 2974-2980	2.9	9
27	Exploitation of Monofunctional Carbonyl Resources by Barbier Polymerization for Materials with Polymerization-Induced Emission. <i>Cell Reports Physical Science</i> , <b>2020</b> , 1, 100116	6.1	8
26	Triarylmethanolation as a versatile strategy for the conversion of PAHs into amorphization-induced emission luminogens for extremely sensitive explosive detection and fabrication of artificial light-harvesting systems. <i>Materials Chemistry Frontiers</i> , <b>2020</b> , 4, 2435-2442	7.8	7
25	Catalytic Enantioselective Allylic Amination of Olefins for the Synthesis of $\alpha$ -Sitagliptin. <i>Synlett</i> , <b>2013</b> , 24, 2459-2463	2.2	7
24	Copper(I)-catalyzed tandem reaction: synthesis of 1,4-disubstituted 1,2,3-triazoles from alkyl diacyl peroxides, azidotrimethylsilane, and alkynes. <i>Beilstein Journal of Organic Chemistry</i> , <b>2018</b> , 14, 2916-2922	2.5	7
23	A Metal-Free Approach for Brønsted Acid Promoted C-H Alkylation of Heteroarenes with Alkyl Peroxides. <i>Synthesis</i> , <b>2018</b> , 50, 3250-3256	2.9	7

22	Metal-free intermolecular aminochlorination of unactivated alkenes. <i>Organic Chemistry Frontiers</i> , <b>2018</b> , 5, 1303-1307	5.2	6
21	Copper-catalyzed diesterification of 1,3-diene for the synthesis of allylic diester compounds. <i>Tetrahedron Letters</i> , <b>2016</b> , 57, 3400-3403	2	6
20	Iron-Catalyzed Vinylic C-H Alkylation with Alkyl Peroxides. <i>Chemistry - an Asian Journal</i> , <b>2018</b> , 13, 2522-2528	11.3	6
19	The Introduction of the Radical Cascade Reaction into Polymer Chemistry: A One-Step Strategy for Synchronized Polymerization and Modification. <i>IScience</i> , <b>2020</b> , 23, 100902	6.1	5
18	Room-temperature Barbier single-atom polymerization induced emission as a versatile approach for the utilization of monofunctional carboxylic acid resources. <i>Polymer Chemistry</i> ,	4.9	5
17	Asymmetric radical carboesterification of dienes. <i>Nature Communications</i> , <b>2021</b> , 12, 6670	17.4	5
16	Barbier-Type Nitro/Nitroso Addition Polymerization as a Versatile Approach for Molecular Design of Polyarylamines through C-N Bond Formation. <i>Macromolecules</i> ,	5.5	4
15	Copper-catalyzed three-component oxycyanation of alkenes. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 908-914	11.4	4
14	Protection of COOH and OH groups in acid, base and salt free reactions. <i>Green Chemistry</i> , <b>2018</b> , 20, 1444-1447	11.47	3
13	Direct synthesis of pentasubstituted pyrroles and hexasubstituted pyrrolines from propargyl sulfonylamides and allenamides. <i>Chemical Science</i> , <b>2021</b> , 12, 9162-9167	9.4	3
12	Well-controlled polymerization of tri-vinyl dynamic covalent boroxine monomer: one dynamic covalent boroxine moiety toward a tunable penta-responsive polymer. <i>Polymer Chemistry</i> , <b>2020</b> , 11, 2914-2922	4.922	2
11	Regioselective Three-Component Synthesis of Vicinal Diamines via 1,2-Diamination of Styrenes. <i>Organic Letters</i> , <b>2021</b> , 23, 3184-3189	6.2	2
10	Metal-free alkynylsulfonylation of vinylarenes. <i>Organic Chemistry Frontiers</i> , <b>2021</b> , 8, 1817-1822	5.2	2
9	Iron phthalocyanine-catalyzed radical phosphinoylazidation of alkenes: A facile synthesis of azido-phosphine oxide with a fast azido transfer step. <i>Chinese Journal of Catalysis</i> , <b>2021</b> , 42, 1634-1640	11.3	2
8	Copper-Catalyzed Radical Enantioselective Carbo-Esterification of Styrenes Enabled by a Perfluoroalkylated-PyBox Ligand.. <i>Angewandte Chemie - International Edition</i> , <b>2022</b> , e202202077	16.4	2
7	Copper-Catalyzed Nitrogenation of Aromatic and Aliphatic Aldehydes: A Direct Route to Carbamoyl Azides. <i>Synthesis</i> , <b>2019</b> , 51, 4645-4649	2.9	1
6	Unpredicted Concentration-Dependent Sensory Properties of Pyrene-Containing NBN-Doped Polycyclic Aromatic Hydrocarbons.. <i>Molecules</i> , <b>2022</b> , 27,	4.8	1
5	Iron-Catalyzed Asymmetric Decarboxylative Azidation. <i>Organic Letters</i> , <b>2021</b> , 23, 8847-8851	6.2	1

4	Synthesis of Amidine Derivatives by Intermolecular Radical □Addition to Nitrile Groups of AIBN Derivatives. <i>Synlett</i> , <b>2021</b> , 32, 395-400	2.2	1
3	Iron-Catalyzed Decarboxylative Heck-Type Alkylation of Conjugate 1,3-Dienes. <i>Chinese Journal of Organic Chemistry</i> , <b>2021</b> , 41, 2707	3	1
2	Living Covalent-Anionic-Radical Polymerization via a Barbier Strategy.. <i>ACS Macro Letters</i> , <b>2022</b> , 11, 354-361	3.6	1
1	Iron-Catalyzed Radical Asymmetric Aminoazidation and Diazidation of Styrenes. <i>Angewandte Chemie</i> , <b>2021</b> , 133, 12563-12568	3.6	