

Hong-Li Bao

List of Publications by Year in Descending Order

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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	Unpredicted Concentration-Dependent Sensory Properties of Pyrene-Containing NBN-Doped Polycyclic Aromatic Hydrocarbons.. <i>Molecules</i> , 2022 , 27,	4.8	1
74	Living Covalent-Anionic-Radical Polymerization via a Barbier Strategy.. <i>ACS Macro Letters</i> , 2022 , 11, 354-361	3.6	1
73	Copper-Catalyzed Radical Enantioselective Carbo-Esterification of Styrenes Enabled by a Perfluoroalkylated-PyBox Ligand.. <i>Angewandte Chemie - International Edition</i> , 2022 , e202202077	16.4	2
72	Iron-Catalyzed Asymmetric Decarboxylative Azidation. <i>Organic Letters</i> , 2021 , 23, 8847-8851	6.2	1
71	Regioselective Three-Component Synthesis of Vicinal Diamines via 1,2-Diamination of Styrenes. <i>Organic Letters</i> , 2021 , 23, 3184-3189	6.2	2
70	Iron-Catalyzed Radical Asymmetric Aminoazidation and Diazidation of Styrenes. <i>Angewandte Chemie - International Edition</i> , 2021 , 60, 12455-12460	16.4	12
69	Iron-Catalyzed Radical Asymmetric Aminoazidation and Diazidation of Styrenes. <i>Angewandte Chemie</i> , 2021 , 133, 12563-12568	3.6	
68	Iron-catalysed asymmetric carboazidation of styrenes. <i>Nature Catalysis</i> , 2021 , 4, 28-35	36.5	25
67	Copper-catalyzed three-component oxycyanation of alkenes. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 908-914	3.4	4
66	Direct synthesis of pentasubstituted pyrroles and hexasubstituted pyrrolines from propargyl sulfonylamides and allenamides. <i>Chemical Science</i> , 2021 , 12, 9162-9167	9.4	3
65	Metal-free alkynylsulfonylation of vinylarenes. <i>Organic Chemistry Frontiers</i> , 2021 , 8, 1817-1822	5.2	2
64	Synthesis of Amidine Derivatives by Intermolecular Radical π -Addition to Nitrile Groups of AIBN Derivatives. <i>Synlett</i> , 2021 , 32, 395-400	2.2	1
63	Iron phthalocyanine-catalyzed radical phosphinoylazidation of alkenes: A facile synthesis of β -azido-phosphine oxide with a fast azido transfer step. <i>Chinese Journal of Catalysis</i> , 2021 , 42, 1634-1640	11.3	2
62	Iron-Catalyzed Decarboxylative Heck-Type Alkylation of Conjugate 1,3-Dienes. <i>Chinese Journal of Organic Chemistry</i> , 2021 , 41, 2707	3	1
61	Asymmetric radical carboesterification of dienes. <i>Nature Communications</i> , 2021 , 12, 6670	17.4	5
60	Barbier Self-Condensing Ketyl Polymerization-Induced Emission: A Polarity Reversal Approach to Reversed Polymerizability. <i>IScience</i> , 2020 , 23, 101031	6.1	12
59	1,4-Fluoroamination of 1,3-Enynes en Route to Fluorinated Allenes. <i>Organic Letters</i> , 2020 , 22, 5261-5265	6.2	10

58	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> , 2020 , 4, 2435-2442	7.8	7
57	Revealing the Iron-Catalyzed Methyl Scission of <i>t</i> -Butoxyl Radicals via the Mechanistic Studies of Carboazidation of Alkenes. <i>Molecules</i> , 2020 , 25,	4.8	9
56	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> , 2020 , 11, 2914-2922	4.9	22
55	Copper-Catalyzed Enantioselective Cyano(Fluoro)Alkylation of Alkenes. <i>Advanced Synthesis and Catalysis</i> , 2020 , 362, 2211-2215	5.6	12
54	The Introduction of the Radical Cascade Reaction into Polymer Chemistry: A One-Step Strategy for Synchronized Polymerization and Modification. <i>iScience</i> , 2020 , 23, 100902	6.1	5
53	Practical Method for Reductive Deuteration of Ketones with Magnesium and D ₂ O. <i>Organic Letters</i> , 2020 , 22, 991-996	6.2	13
52	Synthesis of difluoromethylated allenes through trifunctionalization of 1,3-enynes. <i>Nature Communications</i> , 2020 , 11, 416	17.4	22
51	Iron-Catalyzed Alkylazidation of 1,1-Disubstituted Alkenes with Diacylperoxides and TMSN. <i>Organic Letters</i> , 2020 , 22, 3195-3199	6.2	25
50	Cu-Catalyzed Alkylarylation of Vinylarenes with Masked Alkyl Electrophiles. <i>Organic Letters</i> , 2020 , 22, 620-625	6.2	19
49	Copper-Catalyzed Enantioselective Radical 1,4-Difunctionalization of 1,3-Enynes. <i>Journal of the American Chemical Society</i> , 2020 , 142, 18014-18021	16.4	40
48	Radical azidation as a means of constructing C(sp ³)-N ₃ bonds. <i>Green Synthesis and Catalysis</i> , 2020 , 1, 86-120	9.3	29
47	Exploitation of Monofunctional Carbonyl Resources by Barbier Polymerization for Materials with Polymerization-Induced Emission. <i>Cell Reports Physical Science</i> , 2020 , 1, 100116	6.1	8
46	Copper-Catalyzed Nitrogenation of Aromatic and Aliphatic Aldehydes: A Direct Route to Carbamoyl Azides. <i>Synthesis</i> , 2019 , 51, 4645-4649	2.9	1
45	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> , 2019 , 141, 16839-16848	16.4	41
44	Iron(II)-Catalyzed Heck-Type Coupling of Vinylarenes with Alkyl Iodides. <i>Organic Letters</i> , 2019 , 21, 776-779	7.2	15
43	Copper-Catalyzed Radical Acyl-Cyanation of Alkenes with Mechanistic Studies on the <i>tert</i> -Butoxy Radical. <i>ACS Catalysis</i> , 2019 , 9, 5191-5197	13.1	32
42	Copper(I)-Catalyzed Cyanoperfluoroalkylation of Alkynes. <i>Organic Letters</i> , 2019 , 21, 7078-7083	6.2	10
41	Copper-catalyzed 1,4-alkylarylation of 1,3-enynes with masked alkyl electrophiles. <i>Chemical Science</i> , 2019 , 10, 3632-3636	9.4	46

40	Iron-Catalyzed Radical Acyl-Azidation of Alkenes with Aldehydes: Synthesis of Unsymmetrical α -Azido Ketones. <i>Organic Letters</i> , 2019 , 21, 256-260	6.2	29
39	Iron-Catalyzed Oxyalkylation of Terminal Alkynes with Alkyl Iodides. <i>Organic Letters</i> , 2019 , 21, 261-265	6.2	11
38	Iron-catalyzed carboazidation of alkenes and alkynes. <i>Nature Communications</i> , 2019 , 10, 122	17.4	57
37	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> , 2019 , 141, 548-559	16.4	92
36	Iron-Catalyzed Carboiodination of Alkynes. <i>Synthesis</i> , 2018 , 50, 2974-2980	2.9	9
35	Protection of COOH and OH groups in acid, base and salt free reactions. <i>Green Chemistry</i> , 2018 , 20, 1444-1447	3	3
34	Metal-free intermolecular aminochlorination of unactivated alkenes. <i>Organic Chemistry Frontiers</i> , 2018 , 5, 1303-1307	5.2	6
33	HOTf-Catalyzed Alkyl-Heck-type Reaction. <i>IScience</i> , 2018 , 3, 255-263	6.1	13
32	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> , 2018 , 14, 2916-2922	2.5	7
31	NBN-Doped Conjugated Polycyclic Aromatic Hydrocarbons as an AI Egen Class for Extremely Sensitive Detection of Explosives. <i>Angewandte Chemie</i> , 2018 , 130, 15736-15742	3.6	11
30	NBN-Doped Conjugated Polycyclic Aromatic Hydrocarbons as an AI Egen Class for Extremely Sensitive Detection of Explosives. <i>Angewandte Chemie - International Edition</i> , 2018 , 57, 15510-15516	16.4	41
29	A Metal-Free Approach for Brønsted Acid Promoted C-H Alkylation of Heteroarenes with Alkyl Peroxides. <i>Synthesis</i> , 2018 , 50, 3250-3256	2.9	7
28	Iron-Catalyzed Dehydrative Alkylation of Propargyl Alcohol with Alkyl Peroxides To Form Substituted 1,3-Enynes. <i>Organic Letters</i> , 2018 , 20, 3202-3205	6.2	29
27	Iron-Catalyzed Vinylic C-H Alkylation with Alkyl Peroxides. <i>Chemistry - an Asian Journal</i> , 2018 , 13, 2522-2528	4.8	6
26	Merging Visible-Light Photocatalysis and Transition-Metal Catalysis in Three-Component Alkyl-Fluorination of Olefins with a Fluoride Ion. <i>Organic Letters</i> , 2018 , 20, 4245-4249	6.2	37
25	Iron-Catalyzed Decarboxylative Alkyl Etherification of Vinylarenes with Aliphatic Acids as the Alkyl Source. <i>Angewandte Chemie</i> , 2017 , 129, 3704-3708	3.6	23
24	Iron-Catalyzed Decarboxylative Alkyl Etherification of Vinylarenes with Aliphatic Acids as the Alkyl Source. <i>Angewandte Chemie - International Edition</i> , 2017 , 56, 3650-3654	16.4	91
23	Iron catalyzed methylation and ethylation of vinyl arenes. <i>Chemical Science</i> , 2017 , 8, 2081-2085	9.4	70

22	Iron-Catalyzed Radical Decarboxylative Oxyalkylation of Terminal Alkynes with Alkyl Peroxides. <i>Chemistry - A European Journal</i> , 2017 , 23, 10254-10258	4.8	19
21	Iron-Catalyzed C-H Alkylation of Heterocyclic C-H Bonds. <i>Organic Letters</i> , 2017 , 19, 46-49	6.2	54
20	Copper-Catalyzed Ligand-Free Diazidation of Olefins with TMSN in CHCN or in HO. <i>Organic Letters</i> , 2017 , 19, 6120-6123	6.2	44
19	Iron-Catalyzed Carboamination of Olefins: Synthesis of Amines and Disubstituted β -Amino Acids. <i>Journal of the American Chemical Society</i> , 2017 , 139, 13076-13082	16.4	101
18	β -Amino Butyric Acid (GABA) Synthesis Enabled by Copper-Catalyzed Carboamination of Alkenes. <i>Organic Letters</i> , 2017 , 19, 4718-4721	6.2	37
17	Copper-catalyzed regioselective allylic oxidation of olefins via C-H activation. <i>Tetrahedron Letters</i> , 2017 , 58, 4125-4128	2	13
16	Alkyl Esterification of Vinylarenes Enabled by Visible-Light-Induced Decarboxylation. <i>Chemistry - A European Journal</i> , 2017 , 23, 11767-11770	4.8	26
15	Copper-Catalyzed Decarboxylative Alkylation of Terminal Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2017 , 359, 3720-3724	5.6	26
14	Iron(III)-Catalyzed Ortho-Preferred Radical Nucleophilic Alkylation of Electron-Deficient Arenes. <i>Organic Letters</i> , 2017 , 19, 6538-6541	6.2	18
13	Recent Progress on Radical Decarboxylative Alkylation for Csp ³ -C Bond Formation. <i>Synthesis</i> , 2017 , 49, 5263-5284	2.9	56
12	Hydroalkylation of terminal aryl alkynes with alkyl diacyl peroxides. <i>Tetrahedron Letters</i> , 2016 , 57, 5677-5680	7.4	24
11	Copper-Catalyzed Regioselective 1,2-Alkylesterification of Dienes to Allylic Esters. <i>Organic Letters</i> , 2016 , 18, 392-5	6.2	54
10	Copper-catalyzed diesterification of 1,3-diene for the synthesis of allylic diester compounds. <i>Tetrahedron Letters</i> , 2016 , 57, 3400-3403	2	6
9	Regioselective and Diastereoselective Aminoarylation of 1,3-Dienes. <i>Chemical Science</i> , 2014 , 5, 4863-4867	7.4	16
8	Enantioselective Ring Opening of meso-Epoxides with Aromatic Amines Catalyzed by Dinuclear Magnesium Complexes. <i>Chinese Journal of Chemistry</i> , 2013 , 31, 67-71	4.9	14
7	Catalytic Enantioselective Allylic Amination of Olefins for the Synthesis of -Sitagliptin. <i>Synlett</i> , 2013 , 24, 2459-2463	2.2	7
6	Catalytic enantioselective allylic amination of unactivated terminal olefins via an ene reaction/[2,3]-rearrangement. <i>Journal of the American Chemical Society</i> , 2012 , 134, 18495-8	16.4	64
5	Catalytic enantioselective [2,3]-rearrangements of amine N-oxides. <i>Journal of the American Chemical Society</i> , 2011 , 133, 1206-8	16.4	39

4	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> , 2010 , 2010, 6722-6726	3.2	51
3	BINOLate-Magnesium Catalysts for Enantioselective Hetero-Diels-Alder Reaction of Danishefsky's Diene with Aldehydes. <i>European Journal of Organic Chemistry</i> , 2008 , 2008, 2248-2254	3.2	60
2	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
1	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