

Bao-Hua Chen

List of Publications by Year in descending order

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71
papers

1,708
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279798

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Solvent-free synthesis of 1,4-disubstituted 1,2,3-triazoles using a low amount of Cu(PPh ₃) ₂ NO ₃ complex. <i>Green Chemistry</i> , 2010, 12, 2120.	9.0	136
2	An efficient approach to homocoupling of terminal alkynes: Solvent-free synthesis of 1,3-diynes using catalytic Cu(II) and base. <i>Green Chemistry</i> , 2010, 12, 45-48.	9.0	112
3	Zn/Cu-Catalyzed Cycloaddition of Azides and Aryl Alkynes. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5409-5414.	2.4	102
4	Palladium-Catalyzed Direct Denitrogenative C ₃ -Arylation of 1-Hydroxyindoles with Arylhydrazines using Air as the Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 711-715.	4.3	87
5	Synthesis of Multisubstituted Imidazoles via Copper-Catalyzed [3 + 2] Cycloadditions. <i>Journal of Organic Chemistry</i> , 2013, 78, 2746-2750.	3.2	78
6	Copper supported on H ⁺ -modified manganese oxide octahedral molecular sieves (Cu/H-OMS-2) as a heterogeneous biomimetic catalyst for the synthesis of imidazo[1,2-a]-N-heterocycles. <i>Catalysis Science and Technology</i> , 2016, 6, 890-896.	4.1	62
7	OMS-2-Supported Cu Hydroxide-Catalyzed Benzoxazoles Synthesis from Catechols and Amines via Domino Oxidation Process at Room Temperature. <i>Journal of Organic Chemistry</i> , 2017, 82, 6922-6931.	3.2	51
8	Ball-milling synthesized hydrotalcite supported Cu-Mn mixed oxide under solvent-free conditions: an active catalyst for aerobic oxidative synthesis of 2-acylbenzothiazoles and quinoxalines. <i>Green Chemistry</i> , 2018, 20, 4638-4644.	9.0	50
9	Synthesis of Polyfunctional Pyridines via Copper-Catalyzed Oxidative Coupling Reactions. <i>Journal of Organic Chemistry</i> , 2016, 81, 11671-11677.	3.2	44
10	One-Pot Synthesis of Benzene and Pyridine Derivatives via Copper-Catalyzed Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 2676-2681.	4.3	43
11	Synthesis of 2,3-Disubstituted 1-NH Indoles via Rhodium(III)-Catalyzed C-H Activation of Arylnitrones and Coupling with Diazo Compounds. <i>Journal of Organic Chemistry</i> , 2017, 82, 11505-11511.	3.2	43
12	Iron(III)-catalyzed synthesis of multi-substituted imidazoles via [3+2] cycloaddition reaction of nitroolefins and N-aryl benzamidines. <i>Tetrahedron</i> , 2013, 69, 9417-9421.	1.9	42
13	Iron(III)/Iodine-Catalyzed C(sp ²) ₂ -H Activation of α,β -Unsaturated Aldehydes/Ketones with Amidines: Synthesis of 1,2,4,5-Tetrasubstituted Imidazoles. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3868-3874.	4.3	40
14	Iron(III)-Catalyzed Synthesis of 1,2,4-Trisubstituted Imidazoles through the Reactions of Amidines and Aldehydes in Air. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2798-2802.	4.3	36
15	Iron-Catalyzed Cross Dehydrogenative Coupling (CDC) of Indoles and Benzylic C-H Bonds. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 950-954.	4.3	35
16	Copper-Catalyzed Tandem Aerobic Oxidative Cyclization for the Synthesis of Polysubstituted Quinolines via C(sp ³)/C(sp ²)-H Bond Functionalization. <i>Journal of Organic Chemistry</i> , 2017, 82, 10110-10120.	3.2	35
17	Synthesis of 1,2,4-triazine derivatives via [4+ 2] domino annulation reactions in one pot. <i>RSC Advances</i> , 2016, 6, 12514-12518.	3.6	30
18	I ₂ -Catalyzed diamination of acetyl-compounds for the synthesis of multi-substituted imidazoles. <i>New Journal of Chemistry</i> , 2015, 39, 4235-4239.	2.8	29

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19	Copper-catalyzed oxidative coupling reaction of α,β -unsaturated aldehydes with amidines: synthesis of 1,2,4-trisubstituted-1H-imidazole-5-carbaldehydes. <i>Organic Chemistry Frontiers</i> , 2015, 2, 1632-1636.	4.5	29
20	Rhodium(III)-catalyzed [3 + 3] annulation reactions of <i>N</i> -nitrosoanilines and cyclopropenones: an approach to functionalized 4-quinolones. <i>Organic Chemistry Frontiers</i> , 2019, 6, 3973-3977.	4.5	28
21	Efficient 2-aryl benzothiazole formation from acetophenones, anilines, and elemental sulfur by iodine-catalyzed oxidative C(CO)-C(alkyl) bond cleavage. <i>Tetrahedron</i> , 2018, 74, 6057-6062.	1.9	27
22	Cu(II)-catalyzed synthesis of quinoxalines from <i>o</i> -phenylenediamines and nitroolefins. <i>Tetrahedron Letters</i> , 2013, 54, 1627-1630.	1.4	26
23	One-pot synthesis of 4,5-disubstituted 1,2,3-(NH)-triazoles using terminal acetylenes, carbon monoxide, aryl iodides, and sodium azide. <i>Tetrahedron Letters</i> , 2011, 52, 980-982.	1.4	25
24	"Green" synthesis of 1,4-disubstituted 5-iodo-1,2,3-triazoles under neat conditions, and an efficient approach of construction of 1,4,5-trisubstituted 1,2,3-triazoles in one pot. <i>Tetrahedron Letters</i> , 2014, 55, 7026-7028.	1.4	23
25	Iodothiocyantation/Nitration of Allenes with Potassium Thiocyanate/Silver Nitrite and Iodine. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3130-3134.	4.3	23
26	A practical metal-free route to 1,2,4,5-tetrasubstituted imidazoles derivatives from the annulation of amidines and β -keto esters. <i>Tetrahedron Letters</i> , 2017, 58, 870-873.	1.4	23
27	OMS-2/H ₂ O ₂ /Dimethyl Carbonate: An Environmentally-Friendly Heterogeneous Catalytic System for the Oxidative Synthesis of Benzoxazoles at Room Temperature. <i>Organic Process Research and Development</i> , 2017, 21, 2018-2024.	2.7	22
28	Metal-free iodine(III)-promoted synthesis of 2,5-diaryloxazoles. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 3104-3108.	2.8	21
29	Copper and zinc co-catalyzed synthesis of imidazoles via the activation of sp ³ C-H and N-H bonds. <i>Tetrahedron</i> , 2014, 70, 4038-4042.	1.9	20
30	An Ir-catalyzed oxidative cyclization for the synthesis of indolizines from aromatic/aliphatic olefins and α -picoline derivatives. <i>RSC Advances</i> , 2015, 5, 29424-29427.	3.6	19
31	Iron(III)-Catalyzed Direct <i>N</i> -Alkylation of Azoles via Oxidative Transformation of sp ³ C-H Bonds under Solvent-Free Conditions. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2285-2291.	4.9	18
32	Recent Developments in the Synthesis of Nitrogen-Containing Heterocycles through C-H/N-H Bond Functionalizations and Oxidative Cyclization. <i>Synlett</i> , 2019, 30, 1026-1036.	1.8	17
33	Indolizine synthesis via radical cyclization and demethylation of sulfoxonium ylides and 2-(pyridin-2-yl)acetate derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4177-4182.	4.5	15
34	SOLID-PHASE SYNTHESIS OF FERROCENYLCHALKONE. <i>Synthetic Communications</i> , 2002, 32, 171-174.	2.1	14
35	Direct Access to 1,3,5-Trisubstituted 1H-1,2,4-Triazoles from <i>N</i> -Phenylbenzamidines via Copper-Catalyzed Diamination of Aryl Nitriles. <i>Synthesis</i> , 2016, 48, 3924-3930.	2.3	14
36	Synthesis, Crystal Structure, Photoluminescent, and Electrochemical Properties of a Novel 2-D silver(I) Coordination Polymer with 1H-1,2,4-Triazole-1-Methylene-1H-Benzimidazole-1-Acetic Acid. <i>Journal of Chemical Crystallography</i> , 2011, 41, 806-810.	1.1	13

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37	One-pot Synthesis of 4-Substituted 1 <i>H</i> -[1,2,3]triazolo[4,5- <i>c</i>]quinolines Through CuO-Promoted Tandem Cyclization Reactions of (1- <i>E</i>)-3-(2-Bromoaryl)-1-arylprop-2-en-1-one with Sodium Azide. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 6246-6248.		13
38	Acid-catalyzed synthesis of imidazole derivatives via <i>N</i> -phenylbenzimidamides and sulfoxonium ylides cyclization. <i>Tetrahedron</i> , 2019, 75, 2817-2823.	1.9	13
39	Rhodium(III)-catalyzed chemodivergent annulations between phenyloxazoles and diazos via C-H activation. <i>Chinese Chemical Letters</i> , 2021, 32, 695-699.	9.0	13
40	(<i>E</i>)-Cinnamoylferrocene <i>S</i> -Methylcarbo-Dithioylhydrazone and Its Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1998, 28, 803-810.	1.8	12
41	Palladium-, copper- and water solvent facile preparation of ferrocenylethynyl ketones by coupling. <i>Catalysis Communications</i> , 2008, 9, 2127-2130.	3.3	12
42	Synthesis of Pyrimidines with Ammonium Acetate as Nitrogen Source Under Solvent-Free Conditions. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1122-1127.	2.7	12
43	One-pot synthesis of 2,4,5-trisubstituted 1,2,3-triazoles through the cascade reactions of acid chlorides, terminal acetylenes, sodium azide and aryl halides. <i>New Journal of Chemistry</i> , 2013, 37, 965.	2.8	11
44	A Transition-Metal-Free Synthesis of Multisubstituted Imidazoles. <i>Chinese Journal of Chemistry</i> , 2016, 34, 363-367.	4.9	11
45	Copper-Catalyzed Cyclization of Ketoxime Carboxylates and <i>N</i> -Aryl Glycine Esters for the Synthesis of Pyridines. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 692-696.	2.7	11
46	Heterogeneous Esterification from α -Hydroxy Ketone and Alcohols through a Tandem Oxidation Process over a Hydrotalcite-Supported Bimetallic Catalyst. <i>Organic Process Research and Development</i> , 2018, 22, 1716-1722.	2.7	11
47	Cu(I)-Catalyzed Synthesis of 2-Substituted Benzimidazoles from 2-Iodoanilines and Amides. <i>Chinese Journal of Chemistry</i> , 2013, 31, 1247-1249.	4.9	10
48	Synthesis of 3-Arylpyridines via Palladium/Copper-Catalyzed Annulation of Allylamine/1,3-Propanediamine and Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 3732-3736.	4.3	10
49	$TBPB$ mediated oxidative reaction of aryl acetaldehydes with amidines: synthesis of 1,2,5-triaryl-1 <i>H</i> -imidazoles. <i>RSC Advances</i> , 2017, 7, 24594-24597.	3.6	10
50	$TBPB$ Mediated Oxidative Reaction to Construct of Imidazo[1,5- <i>c</i>]pyridines under Metal-Free Conditions. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1591-1594.	2.7	10
51	Convenient Synthesis of Aryl Ferrocenyl Ketone via Palladium-Catalyzed Carbonylation Coupling. <i>Synthetic Communications</i> , 2007, 37, 3759-3765.	2.1	8
52	CuBr-Catalyzed Synthesis of Indolizines from Pyridine, Acetophenone and Chalcone under Solvent-Free Conditions. <i>ChemistrySelect</i> , 2018, 3, 3014-3017.	1.5	8
53	Elemental Sulfur Participates in the Decarboxylative Coupling of Oxidized 2-Aminophenol and Phenylglyoxylic Acid. <i>ChemistrySelect</i> , 2018, 3, 5541-5543.	1.5	8
54	Aroyl Hydrazones Containing Triazole and Their Divalent Nickel Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 1997, 27, 479-486.	1.8	7

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55	Convenient Synthesis of Ferrocenylethynyl Ketones via Carbonylative Coupling of Ferrocenylethyne with Aryl Iodides by Using Water as Solvent. <i>Catalysis Letters</i> , 2009, 127, 152-157.	2.6	7
56	One-Pot Four-Component Synthesis of N2-Substituted 1,2,3-Triazoles. <i>Asian Journal of Organic Chemistry</i> , 2013, 2, 212-215.	2.7	7
57	Nickel(η^5 -catalyzed tandem C(sp ²)–H bond activation and annulation of arenes with <i>gem</i> -dibromoalkenes. <i>RSC Advances</i> , 2018, 8, 28668-28675.	3.6	7
58	Synthesis of Pyridine Derivatives from Acetophenone and Ammonium Acetate by Releasing CH ₄ . <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1332-1335.	2.7	7
59	Rhodium-catalyzed <i>ortho</i> -acrylation of aryl ketone <i>O</i> -methyl oximes with cyclopropanones. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 3823-3826.	2.8	7
60	Transition metal(II) complexes of (E)-cinnamoylferrocene (S)-methylcarbodithioylhydrazone. <i>Transition Metal Chemistry</i> , 1998, 23, 589-592.	1.4	6
61	AN IMPROVED METHOD FOR THE ESTERIFICATION OF AROMATIC ACIDS WITH ETHANOL AND METHANOL. <i>Synthetic Communications</i> , 2001, 31, 2113-2117.	2.1	6
62	NBS-Mediated Aziridination between Styrenes and Amides under Transition Metal-Free Conditions. <i>Journal of Heterocyclic Chemistry</i> , 2014, 51, 937-942.	2.6	6
63	A Regioselective Synthesis of 2,5-Diaryl Oxazoles via TsOH/I ₂ -Mediated Cascade Cyclization. <i>ChemistrySelect</i> , 2017, 2, 8717-8720.	1.5	6
64	<i>t</i> BuOLi-Mediated Alkynylation of Aldehydes. <i>Synthetic Communications</i> , 2011, 41, 1208-1217.	2.1	5
65	Synthesis of 1,2,4-Triazine Compounds via Two Distinct One-Pot Domino Protocols. <i>Chinese Journal of Chemistry</i> , 2017, 35, 1222-1226.	4.9	5
66	Convenient Access to C ₄ -Dicarbonylation of Anilines by Iodine-Promoted Oxidative Cross-Coupling Reactions. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 1398-1401.	2.7	4
67	Diiodine-Mediated Oxidative Reaction for the Construction of Imidazo[1,5-a]pyridines under Metal-Free Conditions. <i>Synlett</i> , 2020, 31, 695-698.	1.8	4
68	K ₂ S ₂ O ₈ -promoted rearrangement of nitrones for the synthesis of benzo[<i>d</i>]oxazoles. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4034-4040.	4.5	4
69	I ₂ -Catalyzed Synthesis of Disulfides by NaBH ₄ -Mediated Reductive Coupling of Phenylsulfonyl Imidazoles. <i>ChemistrySelect</i> , 2018, 3, 997-999.	1.5	2
70	Base-Promoted Oxidative C(sp ³)–S Bond Cross-Coupling of Inactive Fluorenes and Thiols for the Synthesis of α -Monothiolated Fluorenes. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 1649-1652.	2.4	2
71	L,L'-Diacetylferrocenebis(5-Phenyl-L,3-Oxazol-2-Ylcarbonyl)Hydrazone and Its Complexes. <i>Synthesis and Reactivity in Inorganic, Metal Organic, and Nano Metal Chemistry</i> , 2000, 30, 533-542.	1.8	1