

Tung Thanh Nguyen

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cobalt-Catalyzed, Aminoquinoline-Directed Functionalization of Phosphinic Amide sp^2 C-H Bonds. ACS Catalysis, 2016, 6, 551-554.	11.2	154
2	Cobalt-Catalyzed Coupling of Benzoic Acid C-H Bonds with Alkynes, Styrenes, and 1,3-Dienes. Angewandte Chemie - International Edition, 2018, 57, 1688-1691.	13.8	108
3	Aminoquinoline-directed, cobalt-catalyzed carbonylation of sulfonamide sp^2 C-H bonds. Chemical Communications, 2017, 53, 5136-5138.	4.1	71
4	Towards applications of metal-organic frameworks in catalysis: C-H direct activation of benzoxazole with aryl boronic acids using $\text{Ni}_2(\text{BDC})_2(\text{DABCO})$ as an efficient heterogeneous catalyst. Catalysis Science and Technology, 2014, 4, 369-377.	4.1	58
5	An open metal site metal-organic framework $\text{Cu}(\text{BDC})$ as a promising heterogeneous catalyst for the modified Friedländer reaction. Applied Catalysis A: General, 2013, 464-465, 128-135.	4.3	51
6	A Copper Metal-Organic Framework as an Efficient and Recyclable Catalyst for the Oxidative Cross-dehydrogenative Coupling of Phenols and Formamides. ChemCatChem, 2013, 5, 3068-3077.	3.7	47
7	Ligand-Free Copper-Catalyzed Coupling of Phenols with Nitroarenes by using a Metal-Organic Framework as a Robust and Recoverable Catalyst. ChemCatChem, 2013, 5, 2374-2381.	3.7	41
8	Copper-Catalyzed Synthesis of α -Aryl Ketones by Metal-Organic Framework MOF-199 as an Efficient Heterogeneous Catalyst. ChemCatChem, 2013, 5, 1822-1831.	3.7	37
9	Nickel-catalyzed oxidative coupling of alkynes and arylboronic acids using the metal-organic framework $\text{Ni}_2(\text{BDC})_2(\text{DABCO})$ as an efficient heterogeneous catalyst. Catalysis Science and Technology, 2014, 4, 1276-1285.	4.1	34
10	Ligand-free direct C-arylation of heterocycles with aryl halides over a metal-organic framework $\text{Cu}_2(\text{BPDC})_2(\text{BPY})$ as an efficient and robust heterogeneous catalyst. Journal of Molecular Catalysis A, 2014, 391, 74-82.	4.8	33
11	Cobalt-Catalyzed Coupling of Benzoic Acid C-H Bonds with Alkynes, Styrenes, and 1,3-Dienes. Angewandte Chemie, 2018, 130, 1704-1707.	2.0	23
12	Copper ferrite superparamagnetic nanoparticles as a heterogeneous catalyst for directed phenol/formamide coupling. Tetrahedron Letters, 2017, 58, 3370-3373.	1.4	18
13	Homo- and Heteroannulation of sp^3 C-H Bonds in Acetophenones for Divergent Synthesis of Thienothiazoles. Organic Letters, 2019, 21, 8795-8799.	4.6	18
14	Direct arylation of benzoxazoles with aldehydes utilizing metal-organic framework $\text{Fe}_3\text{O}(\text{BDC})_3$ as a recyclable heterogeneous catalyst. RSC Advances, 2017, 7, 1423-1431.	3.6	16
15	A Metal-Organic Framework $\text{Cu}_2(\text{BDC})_2(\text{DABCO})$ as an Efficient and Reusable Catalyst for Ullmann-Type N-Arylation of Imidazoles. Catalysis Letters, 2014, 144, 1877-1883.	2.6	15
16	Trisulfur-Radical-Anion-Triggered $\text{C}(\text{sp}^2)$ -H Amination of Electron-Deficient Alkenes. Organic Letters, 2020, 22, 9751-9756.	4.6	14
17	A new pathway to pyrrolo[1,2-a]quinoxalines via solvent-free one-pot strategy utilizing FeMoSe nanosheets as efficient recyclable synergistic catalyst. Journal of Catalysis, 2019, 377, 163-173.	6.2	13
18	Functionalization of activated methylene C-H bonds with nitroarenes and sulfur for the synthesis of thioamides. Organic and Biomolecular Chemistry, 2019, 17, 8987-8991.	2.8	12

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19	Copper-catalyzed synthesis of pyrido-fused quinazolinones from 2-aminoarylmethanols and isoquinolines or tetrahydroisoquinolines. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 4726-4732.	2.8	12
20	Palladium-catalyzed, aminoquinoline-directed arylation of phosphonamidate and phosphinic amide sp ³ C-H bonds. <i>Chemical Communications</i> , 2017, 53, 4609-4611.	4.1	11
21	New synthesis of 2-arylbenzothiazoles <i>via</i> metal-free domino transformations of anilines, acetophenones, and elemental sulfur. <i>RSC Advances</i> , 2020, 10, 18423-18433.	3.6	11
22	Indium-based metal-organic frameworks as catalysts: synthesis of 2-nitro-3-arylimidazo[1,2-a]pyridines <i>via</i> oxidative amination under air using MIL-68(In) as an effective heterogeneous catalyst. <i>RSC Advances</i> , 2017, 7, 23073-23082.	3.6	10
23	Synthesis of Unnatural Arundines Using a Magnetically Reusable Copper Ferrite Catalyst. <i>Synlett</i> , 2018, 29, 2031-2034.	1.8	10
24	Aerobic, metal-free synthesis of 6 <i>H</i> -chromeno[4,3- <i>b</i>]quinolin-6-ones. <i>RSC Advances</i> , 2019, 9, 16215-16222.	3.6	10
25	Direct halogenation of the C1 H bond in pyrrolo[1,2- <i>a</i>]quinoxalines. <i>Tetrahedron Letters</i> , 2021, 67, 152879.	1.4	10
26	Metal-Free Annulation of 2-Nitrobenzyl Alcohols and Tetrahydroisoquinolines toward the Divergent Synthesis of Quinazolinones and Quinazolinethiones. <i>Journal of Organic Chemistry</i> , 2022, 87, 103-113.	3.2	10
27	Synthesis of triphenylpyridines <i>via</i> an oxidative cyclization reaction using Sr-doped LaCoO ₃ perovskite as a recyclable heterogeneous catalyst. <i>RSC Advances</i> , 2019, 9, 23876-23887.	3.6	9
28	A Green Synthesis of <i>N</i> , <i>N</i> - and <i>N</i> , <i>O</i> -Heterocycles Using a Recyclable Catalyst in a Bio-Based Solvent. <i>ChemistrySelect</i> , 2019, 4, 880-883.	1.5	8
29	Elemental Sulfur Mediated Synthesis of Pyrrolo[1,2- <i>a</i>]quinoxalines from 1-(2-Nitroaryl)pyrroles. <i>Synthesis</i> , 2021, 53, 4117-4123.	2.3	7
30	Hydrogen peroxide-mediated synthesis of 2,4-substituted quinazolines <i>via</i> one-pot three-component reactions under metal-free conditions. <i>RSC Advances</i> , 2020, 10, 29900-29909.	3.6	6
31	Cobalt-catalyzed annulation of styrenes with α -bromoacetic acids. <i>RSC Advances</i> , 2021, 11, 5451-5455.	3.6	6
32	Synthesis of 2-Arylbenzothiazol-5-amines from <i>N,N</i> -Dialkyl-3-nitroanilines. <i>Synlett</i> , 2020, 31, 1813-1816.	1.8	5
33	Sulfur-mediated annulation of 1,2-phenylenediamines towards benzofuro- and benzothieno-quinoxalines. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 5652-5659.	2.8	5
34	Direct oxidative C(sp ³)-C(sp ²) coupling reaction using recyclable Sr-doped LaCoO ₃ perovskite catalyst. <i>Applied Organometallic Chemistry</i> , 2020, 34, e5515.	3.5	5
35	A direct strategy to synthesize hybrid benzothiazole-carbamate moieties <i>via</i> O-acylation of phenols under metal-organic framework catalysis. <i>Reaction Chemistry and Engineering</i> , 2017, 2, 669-678.	3.7	4
36	Silver-Catalyzed Trifluoromethylation of ortho CH Bonds in Anilines. <i>ChemistrySelect</i> , 2020, 5, 12148-12150.	1.5	4

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37	Synthesis of primary <i>N</i> -arylthioglyoxamides from anilines, elemental sulfur and primary C-H bonds in acetophenones. <i>RSC Advances</i> , 2020, 10, 44743-44746.	3.6	4
38	Sulfur-Mediated Decarboxylative Coupling of 2-Nitrobenzyl Alcohols and Arylacetic Acids. <i>Synlett</i> , 2020, 31, 1112-1116.	1.8	4
39	Functionalization of Primary C-H Bonds in Picolines toward Pyridylthioamides. <i>Bulletin of the Chemical Society of Japan</i> , 2020, 93, 783-789.	3.2	4
40	Functionalization of C-H bonds in acetophenone oximes with arylacetic acids and elemental sulfur. <i>RSC Advances</i> , 2020, 10, 11024-11032.	3.6	4
41	Copper-Promoted Coupling of Propiophenones and Arylhydrazines for the Synthesis of 1,3-Diarylpyrazoles. <i>Synlett</i> , 2020, 31, 801-804.	1.8	4
42	Cobalt-catalyzed, directed arylation of C-H bonds in <i>N</i> -aryl pyrazoles. <i>RSC Advances</i> , 2021, 11, 9349-9352.	3.6	4
43	2-Benzoyl Thienothiazoles from Annulation of C-H Bonds in Acetophenone Oximes. <i>Asian Journal of Organic Chemistry</i> , 2020, 9, 622-625.	2.7	3
44	Step- and atom-economical synthesis of 2-aryl benzimidazoles via the sulfur-mediated redox condensation between <i>o</i> -nitroanilines and aryl methanols. <i>Tetrahedron</i> , 2022, 121, 132918.	1.9	3
45	Alternative pathways to α,β -unsaturated ketones via direct oxidative coupling transformation using Sr-doped LaCoO ₃ perovskite catalyst. <i>Royal Society Open Science</i> , 2019, 6, 191313.	2.4	2
46	Recyclable CuFe ₂ O ₄ for the synthesis of 2,3-disubstituted indoles. <i>Tetrahedron Letters</i> , 2020, 61, 152629.	1.4	2
47	Copper Mediated, (2-Methylthio)aniline Directed Annulation of sp ² C-H Bonds with Primary Anilines. <i>Asian Journal of Organic Chemistry</i> , 0, , .	2.7	1
48	A One-Pot Synthesis of Disubstituted Thiazoles from Chalcone C-H Bonds, Elemental Sulfur, and Glycine Ethyl Ester. <i>Synlett</i> , 2022, 33, 555-558.	1.8	1
49	Recent Examples in the Synthesis and Functionalization of C-H Bonds in Pyrrolo/Indolo [1,2- <i>ab</i>]Quinoxalines. <i>ChemistrySelect</i> , 2022, 7, .	1.5	1
50	Metal-Free One-Pot Three-Component Synthesis of Quinazoline Derivatives via Peroxide-Mediated Direct Oxidative Amination of C(sp ³)-H Bonds. <i>ChemistrySelect</i> , 2019, 4, 11808-11814.	1.5	0
51	Homo-condensation of acetophenones toward imidazothiones. <i>RSC Advances</i> , 2020, 10, 40225-40228.	3.6	0
52	Oxidative Nucleophilic Functionalization of Nitrobenzene and 3-Nitroacetophenones with N-H Bonds. <i>ChemistrySelect</i> , 2021, 6, 8971-8973.	1.5	0