# Wen-Ting Wei

List of Publications by Year
in descending order

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Ringâ€Opening/Cyclization of Cyclobutanone Oxime Esters with Alkenes in Biomassâ€Derived Solvent Using Copper Catalyst and Inorganic Oxidant. Asian Journal of Organic Chemistry, 2022, 11, . | 1.3 | 4 |
| 2 | Metal-Catalyst-Free Radical Cyclization of 1,6-Enynes for the Selective and Switchable Synthesis of Lactams in Water. ACS Sustainable Chemistry and Engineering, 2022, 10, 6057-6062. | 3.2 | 25 |
| 3 | Transitionâ€Metalâ€Free Radical Cyclization of 2â€Arylbenzoimidazoles with Unactivated Alkanes<i>via</i>C(<i>sp</i><sup>3</sup>)âˆ’H Functionalizations in Aqueous Media. Advanced Synthesis and Catalysis, 2022, 364, 2080-2085. | 2.1 | 16 |
| 4 | Synthesis of Polycyclic Quinazolinones through C(sp<sup>3</sup>)âˆ’H Functionalization of Inert Alkanes or Visibleâ€Lightâ€Promoted Oxidation Decarboxylation of <i>N</i>â€Hydroxyphthalimide Esters. European Journal of Organic Chemistry, 2022, 2022, . | 1.2 | 7 |
| 5 | Visible-Light-Catalyzed Tandem Radical Addition/1,5-Hydrogen Atom Transfer/Cyclization of 2-Alkynylarylethers with Sulfonyl Chlorides. Organic Letters, 2022, 24, 4704-4709. | 2.4 | 41 |
| 6 | Fe-Catalyzed Selective Formal Insertion of Diazo Compounds into C(sp)â€“C(sp<sup>3</sup>) Bonds of Propargyl Alcohols: Access to Alkyne-Substituted All-Carbon Quaternary Centers. ACS Central Science, 2022, 8, 1028-1034. | 5.3 | 8 |
| 7 | N-Radical enabled cyclization of 1,n-enynes. Chinese Journal of Catalysis, 2021, 42, 731-742. | 6.9 | 33 |
| 8 | Iron-catalyzed oxidative cyclization of olefinic 1,3-dicarbonyls with ketone C(sp<sup>3</sup>)â€“H bonds: facile access to 2,3-dihydrofurans. New Journal of Chemistry, 2021, 45, 13639-13643. | 1.4 | 6 |
| 9 | The construction of benzimidazo[2,1-<i>a</i>]isoquinolin-6(5<i>H</i>)-ones from <i>N</i>-methacryloyl-2-phenylbenzoimidazoles through radical strategies. Organic and Biomolecular Chemistry, 2021, 19, 8874-8885. | 1.5 | 14 |
| 10 | Sulfonyl radical triggered selective iodosulfonylation and bicyclization of 1,6-dienes. Chemical Communications, 2021, 57, 8288-8291. | 2.2 | 20 |
| 11 | Recent progress in the radical Î±-C(sp<sup>3</sup>)â€“H functionalization of ketones. Organic and Biomolecular Chemistry, 2021, 19, 7333-7347. | 1.5 | 13 |
| 12 | Radical Cyclization of Olefinic Amides through Î±-C(sp3)â€“H Functionalization of Ketones under Catalyst-, Ligand-, and Base-Free Conditions. Synlett, 2021, 32, 905-912. | 1.0 | 4 |
| 13 | Visibleâ€Lightâ€Catalyzed Nâ€Radicalâ€Enabled Cyclization of Alkenes for the Synthesis of Fiveâ€Membered Nâ€Heterocycles. ChemSusChem, 2021, 14, 4658-4670. | 3.6 | 22 |
| 14 | Radical Cyclization of 1,<i>n</i>â€Enynes and 1,<i>n</i>â€Dienes for the Synthesis of 2â€Pyrrolidone. Chemistry - an Asian Journal, 2021, 16, 3068-3081. | 1.7 | 21 |
| 15 | Recent advances in acyl radical enabled reactions between aldehydes and alkenes. Chemical Communications, 2021, 57, 6111-6120. | 2.2 | 40 |
| 16 | Selective divergent radical cyclization of 1,6-dienes with alkyl nitriles. Organic and Biomolecular Chemistry, 2021, 19, 9501-9505. | 1.5 | 5 |
| 17 | 1,3-Difunctionalization of alkenes: state-of-the-art and future challenges. Organic Chemistry Frontiers, 2021, 8, 7037-7049. | 2.3 | 31 |
| 18 | Metalâ€free Radical Cyclization of Olefinic 1,3â€Dicarbonyls and Olefinic Amides with Nitrile C(sp<sup>3</sup>)âˆ’H Bonds in Aqueous Media. Asian Journal of Organic Chemistry, 2021, 10, 3380-3383. | 1.3 | 2 |

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| 19 | Recent Advances in Copperâ€Catalyzed Câˆ’N Bond Formation Involving <i>N</i>â€Centered Radicals. ChemSusChem, 2021, 14, 5340-5358. | 3.6 | 23 |
| 20 | Recent Advances in Radical Nitration Using tert-Butyl Nitrite. Synthesis, 2020, 52, 796-806. | 1.2 | 18 |
| 21 | Radical cyclizations of enynes/dienes with alcohols in water using a green oxidant. Organic and Biomolecular Chemistry, 2020, 18, 8491-8495. | 1.5 | 15 |
| 22 | Halocyclization of Olefinic 1,3-Dicarbonyls and Olefinic Amides in Aqueous Media Open in Air at Room Temperature. ACS Sustainable Chemistry and Engineering, 2020, 8, 16946-16951. | 3.2 | 17 |
| 23 | Alcohols controlled selective radical cyclization of 1,6-dienes under mild conditions. Chinese Chemical Letters, 2020, 31, 3267-3270. | 4.8 | 23 |
| 24 | Visibleâ€Light Induced C(<i>sp</i><sup>3</sup>)âˆ’H Functionalization for the Formation of Câˆ’N Bonds under Metal Catalystâ€Free Conditions. Advanced Synthesis and Catalysis, 2020, 362, 2770-2777. | 2.1 | 22 |
| 25 | Radical cyclization of 1,6-dienes with azobis(alkylcarbonitriles) on water under additive-free conditions. Green Chemistry, 2020, 22, 4593-4596. | 4.6 | 32 |
| 26 | Recent Progress in the Construction of Câˆ’N Bonds <i>via</i> Metalâ€Free Radical C(<i>sp</i><sup>3</sup>)âˆ’H Functionalization. Advanced Synthesis and Catalysis, 2020, 362, 2120-2134. | 2.1 | 49 |
| 27 | A BODIPYâ€Hemicyanineâ€Based Waterâ€Soluble Dualâ€Color Fluorescence Probe for Colorimetric Monitoring of Intracellular Endogenous Sulfur Dioxide and Bioimaging Applications. ChemistrySelect, 2020, 5, 3033-3040. | 0.7 | 2 |
| 28 | Rational design of in situ localization solid-state fluorescence probe for bio-imaging of intracellular endogenous cysteine. Talanta, 2020, 220, 121364. | 2.9 | 22 |
| 29 | Visible-light-initiated regioselective sulfonylation/cyclization of 1,6-enynes under photocatalyst- and additive-free conditions. Green Chemistry, 2020, 22, 1388-1392. | 4.6 | 109 |
| 30 | Photochemical strategies for Câ€“N bond formation <i>via</i> metal catalyst-free (hetero) aryl C(sp<sup>2</sup>)â€“H functionalization. Green Chemistry, 2020, 22, 3060-3068. | 4.6 | 46 |
| 31 | Acylation/cyclization of 1,6-dienes with ethers under catalyst- and base-free conditions. Green Chemistry, 2020, 22, 3952-3955. | 4.6 | 39 |
| 32 | Silver-catalyzed oxidative 1,2-alkyletherification of unactivated alkenes with Î±-bromoalkyl carbonyls: facile access to highly substituted 2,3-dihydrofurans. Chemical Communications, 2019, 55, 11111-11114. | 2.2 | 14 |
| 33 | Metalâ€Free Hydroxyalkylationâ€Initiated Radical Cyclization of 1,6â€Enynes with Alcohols. Asian Journal of Organic Chemistry, 2019, 8, 1827-1829. | 1.3 | 9 |
| 34 | Metal-Free Regioselective Radical Cyclization of 1,6-Enynes with Carbonyl Compounds. ACS Sustainable Chemistry and Engineering, 2019, 7, 13491-13496. | 3.2 | 37 |
| 35 | Base-promoted domino radical cyclization of 1,6-enynes. Organic and Biomolecular Chemistry, 2019, 17, 7674-7678. | 1.5 | 13 |
| 36 | Oxone-Mediated Radical Bicyclization of 1,6-Enynes through Dual Î±-C(sp<sup>3</sup>)â€“H Functionalization of Ketones under Catalyst- and Base-Free Conditions. ACS Sustainable Chemistry and Engineering, 2019, 7, 18738-18743. | 3.2 | 37 |

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| 37 | Copperâ€Catalyzed Sulfonyl Radicalâ€Enabled Regioselective Cyclization of 1,6â€Enynes. Asian Journal of Organic Chemistry, 2019, 8, 2050-2053. | 1.3 | 15 |
| 38 | Selective Cyanoalkylation and [2+2+2] Annulation of 1,6â€Enynes with Azobis(alkylcarbonitriles) under Mild Conditions. European Journal of Organic Chemistry, 2019, 2019, 7673-7677. | 1.2 | 11 |
| 39 | Copperâ€Mediated Cascade Trifunctionalization of N â€Propargylamides. Asian Journal of Organic Chemistry, 2019, 8, 2006-2010. | 1.3 | 4 |
| 40 | A Baseâ€•and Ligandâ€Free Copperâ€Catalyzed Oxidative Coupling of Terminal Alkyl Alkynes. ChemistrySelect, 2019, 4, 298-301. | 0.7 | 0 |
| 41 | Potassiumâ€Persulfateâ€Promoted Regioselective Azidation/Cyclization of 1,6â€Enynes. Asian Journal of Organic Chemistry, 2019, 8, 832-835. | 1.3 | 7 |
| 42 | Metalâ€Free Regioselective Oxynitration of Acrylamides: Synthesis of 1,2â€Nitro Alcohols. Asian Journal of Organic Chemistry, 2019, 8, 348. | 1.3 | 8 |
| 43 | Cu(NO 3 ) 2 /Oxoneâ€Mediated Radical Nitration Cyclization of 1,6â€Enynes. ChemistrySelect, 2019, 4, 13380-13383. | 0.7 | 4 |
| 44 | Copper-Catalyzed C(sp3)â€“H Azidation of 1,3-Dihydro-2H-indol-2-ones Under Mild Conditions. Synlett, 2019, 30, 109-113. | 1.0 | 9 |
| 45 | Radical Heck-type reaction of styrenes with sulfonyl hydrazides on water at room temperature. Tetrahedron Letters, 2019, 60, 55-58. | 0.7 | 24 |
| 46 | Recent Advances in the Construction of Câ€“N Bonds Through Coupling Reactions between Carbon Radicals and Nitrogen Radicals. Advanced Synthesis and Catalysis, 2018, 360, 2076-2086. | 2.1 | 93 |
| 47 | TEMPOâ€Promoted C(sp<sup>3</sup>)âˆ’H Hydroxylation of 2â€Oxindoles at Room Temperature. Asian Journal of Organic Chemistry, 2018, 7, 337-340. | 1.3 | 18 |
| 48 | Transition-Metal-Free C(sp<sup>3</sup>)â€“H Hydroxylation of 2-Oxindoles with Peroxides via Radical Cross-Coupling Reaction in Water. ACS Sustainable Chemistry and Engineering, 2018, 6, 8029-8033. | 3.2 | 27 |
| 49 | Copperâ€Promoted Tandem Radical Reaction of 2â€Oxindoles with Formamides: Facile Synthesis of Unsymmetrical Urea Derivatives. Asian Journal of Organic Chemistry, 2018, 7, 1057-1060. | 1.3 | 7 |
| 50 | Metal-Free C(<i>sp</i><sup>3</sup>)â€“H Amination of 2-Oxindoles in Water: Facile Synthesis of 3-Substituted 3-Aminooxindoles. ACS Sustainable Chemistry and Engineering, 2018, 6, 5615-5619. | 3.2 | 29 |
| 51 | Synthesis of Indoline-2,3-diones by Radical Coupling of Indolin-2-ones with tert-Butyl Hydroperoxide. Synlett, 2018, 29, 215-218. | 1.0 | 9 |
| 52 | C(sp3)â€“H Peroxidation of 3-Substituted Indolin-2-ones under Metal-Free Conditions. Synlett, 2018, 29, 663-667. | 1.0 | 11 |
| 53 | Regioselective Nitrative Cyclization of 1,6-Enynes with <i>t</i>-BuONO under Metal-Free Conditions. ACS Sustainable Chemistry and Engineering, 2018, 6, 15301-15305. | 3.2 | 35 |
| 54 | Room Temperature, Metal-Free, Radical Chloroazidation of 1,6-Enynes. Synlett, 2018, 29, 1664-1668. | 1.0 | 12 |

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|---|---|---|---|
| 55 | Recent Developments in the C(sp<sup>3</sup>)âˆ’H Functionalization of 2â€Oxindoles through Radical Reactions. Asian Journal of Organic Chemistry, 2018, 7, 1429-1438. | 1.3 | 19 |
| 56 | Metal-Free C(sp<sup>3</sup>)â€“H Azidation in a Radical Strategy for the Synthesis of 3-Azido-2-oxindoles at Room Temperature. Journal of Organic Chemistry, 2018, 83, 11074-11079. | 1.7 | 26 |
| 57 | Room-Temperature, Water-Promoted, Radical-Coupling Reactions of Phenols with tert-Butyl Nitrite. Synlett, 2017, 28, 2153-2156. | 1.0 | 23 |
| 58 | Metalâ€Free Nitration of the C(<i>sp</i><sup>3</sup>)âˆ’H Bonds of 2â€Oxindoles through Radical Coupling Reaction at Room Temperature. Advanced Synthesis and Catalysis, 2017, 359, 3551-3554. | 2.1 | 44 |
| 59 | Convenient and Clean Synthesis of Isatins by Metal-Free Oxidation of Oxindoles. Synlett, 2017, 28, 2307-2310. | 1.0 | 11 |
| 60 | Metal-free synthesis of isatin oximes via radical coupling reactions of oxindoles with t-BuONO in water. Organic and Biomolecular Chemistry, 2017, 15, 5254-5257. | 1.5 | 22 |
| 61 | Copper-catalyzed oxidative [2+2+1] annulation of 1,n-enynes with Î±-carbonyl alkyl bromides through Câ€“Br/Câ€“H functionalization. Chemical Communications, 2016, 52, 3328-3331. | 2.2 | 80 |
| 62 | Copper-catalyzed oxidative oxyalkylation of enol ethers with Î±-amino carbonyl compounds and hydroperoxides. Chemical Communications, 2015, 51, 11325-11328. | 2.2 | 27 |
| 63 | Nitrative Spirocyclization Mediated by TEMPO: Synthesis of Nitrated Spirocycles from <i>N</i>â€Arylpropiolamides, <i>tert</i>â€Butyl Nitrite and Water. Advanced Synthesis and Catalysis, 2015, 357, 1161-1166. | 2.1 | 104 |
| 64 | Oxidative Coupling of Alkenes with Aldehydes and Hydroperoxides: Oneâ€Pot Synthesis of 2,3â€Epoxy Ketones. Advanced Synthesis and Catalysis, 2015, 357, 59-63. | 2.1 | 43 |
| 65 | ipso-Iodocyclization of para-Substituted 4-Aryl-1-alkenes Leading to 3-Iodo-1-azaspiro[4.5]deca-6,9-diene-2,8-diones. Synthesis, 2014, 46, 2585-2590. | 1.2 | 3 |
| 66 | Iron-Catalyzed Oxidative Arylmethylation of Activated Alkenes Using a Peroxide as the Methyl Source. Synlett, 2014, 25, 657-660. | 1.0 | 19 |
| 67 | Copperâ€Catalyzed Oxidative Î±â€Alkylation of Î±â€Amino Carbonyl Compounds with Ethers <i>via</i> Dual C(<i>sp</i><sup>3</sup>)â€H Oxidative Crossâ€•Coupling. Advanced Synthesis and Catalysis, 2014, 356, 1703-1707. | 2.1 | 119 |
| 68 | Copper-catalyzed oxidative ipso-carboalkylation of activated alkynes with ethers leading to 3-etherified azaspiro[4.5]trienones. Organic Chemistry Frontiers, 2014, 1, 484. | 2.3 | 126 |
| 69 | Oxidative coupling of alkenes with amides using peroxides: selective amide C(sp3)â€“H versus C(sp2)â€“H functionalization. Chemical Communications, 2014, 50, 12867-12869. | 2.2 | 60 |
| 70 | Synthesis of Oxindoles by Ironâ€Catalyzed Oxidative 1,2â€Alkylarylation of Activated Alkenes with an Aryl C(sp<sup>2</sup>)ï£¿H Bond and a C(sp<sup>3</sup>)ï£¿H Bond Adjacent to a Heteroatom. Angewandte Chemie - International Edition, 2013, 52, 3638-3641. | 7.2 | 361 |
| 71 | Metal-free oxidative tandem coupling of activated alkenes with carbonyl C(sp2)â€“H bonds and aryl C(sp2)â€“H bonds using TBHP. Chemical Science, 2013, 4, 2690. | 3.7 | 254 |
| 72 | Copper-Catalyzed Oxidative Cyanation of Aryl Halides with Nitriles Involving Carbonâ€“Carbon Cleavage. Synlett, 2012, 23, 2491-2496. | 1.0 | 36 |