

Tao Xu

List of Publications by Year in descending order

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26
papers

1,444
citations

394421

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docs citations

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| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 1 | Remote methylene C(sp ³)â€”H functionalization enabled by organophosphine-catalyzed alkyne isomerization. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1125-1131. | 4.5 | 6 |
| 2 | Total Synthesis of Bioactive Tetracyclic Norditerpene Dilactones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9138-9147. | 2.8 | 5 |
| 3 | Regioselective activation of benzocyclobutenones and dienamides lead to anti-Bredt bridged-ring systems by a [4+4] cycloaddition. <i>Nature Communications</i> , 2021, 12, 3022. | 12.8 | 20 |
| 4 | Isolation and total synthesis of penicimutans- and aranorosin-type natural products - A summary. <i>Tetrahedron</i> , 2021, 91, 132240. | 1.9 | 4 |
| 5 | Rh-Catalyzed Cascade Câ€”C/olefinâ€”H Activations and Mechanistic Insight. <i>ACS Catalysis</i> , 2021, 11, 9136-9142. | 11.2 | 14 |
| 6 | Synthetic Applications of C C Bond Activation Reactions. , 2021, , . | | 0 |
| 7 | Total synthesis of (âˆ”)-penicimutanin a and related congeners. <i>Chemical Science</i> , 2020, 11, 656-660. | 7.4 | 23 |
| 8 | Total Synthesis of Galanthamine and Lycoramine Featuring an Early-Stage Câ€”C and a Late-Stage Dehydrogenation via Câ€”H Activation. <i>Organic Letters</i> , 2020, 22, 1244-1248. | 4.6 | 27 |
| 9 | Pdâ€”Catalyzed Regioâ€”and Diastereoselective Heck Cyclization to Access Bicyclo[3.2.1]octanone Ring Systems. <i>ChemCatChem</i> , 2020, 12, 5058-5061. | 3.7 | 1 |
| 10 | Chemoselective Perfluoromethylation of Thio- and Selenoamides. <i>Organic Letters</i> , 2020, 22, 8638-8642. | 4.6 | 5 |
| 11 | Total Synthesis and Structural Reassignment of Aranorosinol A, Aranorosinol B, and EI-2128-1. <i>Journal of Organic Chemistry</i> , 2020, 85, 4335-4343. | 3.2 | 7 |
| 12 | Highly Regio- and Enantioselective Dienylation of p-Quinone Methides Enabled by an Organocatalyzed Isomerization/Addition Cascade of Allenolates. <i>Organic Letters</i> , 2019, 21, 3963-3967. | 4.6 | 40 |
| 13 | Total synthesis of penta-Me amurensin H and diptoindonesin G featuring a Rh-catalyzed carboacylation/aromatization cascade enabled by C C activation. <i>Tetrahedron Letters</i> , 2019, 60, 925-927. | 1.4 | 11 |
| 14 | Rhodium(I)â€”Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective Câ”C Activation of Benzocyclobutenones. <i>Angewandte Chemie</i> , 2018, 130, 2909-2913. | 2.0 | 21 |
| 15 | Rhodium(I)â€”Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective Câ”C Activation of Benzocyclobutenones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2859-2863. | 13.8 | 51 |
| 16 | Isolation, Synthesis, and Radical-Scavenging Activity of Rhodomelin A, a Ureidobromophenol from the Marine Red Alga <i>Rhodomela confervoides</i> . <i>Organic Letters</i> , 2018, 20, 417-420. | 4.6 | 22 |
| 17 | Catalytic Enantioselective Synthesis of 3,4-Polyfused Oxindoles with Quaternary All-Carbon Stereocenters: A Rh-Catalyzed Câ€”C Activation Approach. <i>Organic Letters</i> , 2018, 20, 7689-7693. | 4.6 | 30 |
| 18 | Total Synthesis of Bioactive Marine Meroterpenoids: The Cases of Liphagal and Frondosin B. <i>Marine Drugs</i> , 2018, 16, 115. | 4.6 | 12 |

| # | ARTICLE | IF | CITATIONS |
|----|---|------|-----------|
| 19 | Enantioselective Rh-Catalyzed Carboacylation of C•N Bonds via C=C Activation of Benzocyclobutenones. <i>Journal of the American Chemical Society</i> , 2016, 138, 369-374. | 13.7 | 118 |
| 20 | Computational Study of Rh-Catalyzed Carboacylation of Olefins: Ligand-Promoted Rhodacycle Isomerization Enables Regioselective C=C Bond Functionalization of Benzocyclobutenones. <i>Journal of the American Chemical Society</i> , 2015, 137, 8274-8283. | 13.7 | 95 |
| 21 | Divergent Syntheses of Fused ^{1,2} -Naphthol and Indene Scaffolds by Rhodium-Catalyzed Direct and Decarbonylative Alkyne-C Benzocyclobutenone Couplings. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1674-1678. | 13.8 | 145 |
| 22 | Transition Metal-Catalyzed C=C Bond Activation of Four-Membered Cyclic Ketones. <i>Topics in Current Chemistry</i> , 2014, 346, 233-257. | 4.0 | 74 |
| 23 | Coupling of Sterically Hindered Trisubstituted Olefins and Benzocyclobutenones by C=C Activation: Total Synthesis and Structural Revision of Cycloinunakiol. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10733-10736. | 13.8 | 93 |
| 24 | Rhodium(I)-Catalyzed Decarbonylative Spirocyclization through C=C Bond Cleavage of Benzocyclobutenones: An Efficient Approach to Functionalized Spirocycles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1891-1895. | 13.8 | 92 |
| 25 | Highly Enantioselective Rh-Catalyzed Carboacylation of Olefins: Efficient Syntheses of Chiral Poly-Fused Rings. <i>Journal of the American Chemical Society</i> , 2012, 134, 20005-20008. | 13.7 | 178 |
| 26 | Rhodium-Catalyzed Regioselective Carboacylation of Olefins: A C=C Bond Activation Approach for Accessing Fused-Ring Systems. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7567-7571. | 13.8 | 198 |