

# Tao Xu

## List of Publications by Year in descending order

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26  
papers

1,444  
citations

394421

19  
h-index

477307

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g-index

30  
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30  
docs citations

30  
times ranked

817  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	Divergent Syntheses of Fused Naphthol and Indene Scaffolds by Rhodium-Catalyzed Direct and Decarbonylative Alkyne-Benzocyclobutenone Couplings. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1674-1678.	13.8	145
4	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
5	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
6	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
7	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
8	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
9	Rhodium(I)-Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective C-C Activation of Benzocyclobutenones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 2859-2863.	13.8	51
10	Highly Regio- and Enantioselective Dienylation of p-Quinone Methides Enabled by an Organocatalyzed Isomerization/Addition Cascade of Allenates. <i>Organic Letters</i> , 2019, 21, 3963-3967.	4.6	40
11	Catalytic Enantioselective Synthesis of 3,4-Polyfused Oxindoles with Quaternary All-Carbon Stereocenters: A Rh-Catalyzed C-C Activation Approach. <i>Organic Letters</i> , 2018, 20, 7689-7693.	4.6	30
12	Total Synthesis of Galanthamine and Lycoramine Featuring an Early-Stage C-C and a Late-Stage Dehydrogenation via C-H Activation. <i>Organic Letters</i> , 2020, 22, 1244-1248.	4.6	27
13	Total synthesis of (â)-penicimutanin a and related congeners. <i>Chemical Science</i> , 2020, 11, 656-660.	7.4	23
14	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
15	Rhodium(I)-Catalyzed Carboacylation/Aromatization Cascade Initiated by Regioselective C-C Activation of Benzocyclobutenones. <i>Angewandte Chemie</i> , 2018, 130, 2909-2913.	2.0	21
16	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
17	Rh-Catalyzed Cascade C-C/olefin-H Activations and Mechanistic Insight. <i>ACS Catalysis</i> , 2021, 11, 9136-9142.	11.2	14
18	Total Synthesis of Bioactive Marine Meroterpenoids: The Cases of Liphagal and Frondosin B. <i>Marine Drugs</i> , 2018, 16, 115.	4.6	12

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19	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
20	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
21	Remote methylene C(sp <sup>3</sup> )â€H functionalization enabled by organophosphine-catalyzed alkyne isomerization. <i>Organic Chemistry Frontiers</i> , 2021, 8, 1125-1131.	4.5	6
22	Chemoselective Perfluoromethylation of Thio- and Selenoamides. <i>Organic Letters</i> , 2020, 22, 8638-8642.	4.6	5
23	Total Synthesis of Bioactive Tetracyclic Norditerpene Dilactones. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9138-9147.	2.8	5
24	Isolation and total synthesis of penicimutans- and aranorosin-type natural products - A summary. <i>Tetrahedron</i> , 2021, 91, 132240.	1.9	4
25	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
26	Synthetic Applications of C C Bond Activation Reactions. , 2021, , .		0