

# Hang Shi

## List of Publications by Year in descending order

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23  
papers

1,116  
citations

516710

16  
h-index

713466

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g-index

25  
all docs

25  
docs citations

25  
times ranked

1026  
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Hydrogen Isotope Exchange Reactions in Late-Stage Functionalization. <i>Synlett</i> , 2022, 33, 329-338.	1.8	31
2	Catalytic Amination of Phenols with Amines. <i>Journal of the American Chemical Society</i> , 2022, 144, 1144-1151.	13.7	32
3	Rhodium-Catalyzed Stereoselective Deuteration of Benzylic C-H Bonds via Reversible $\eta^6$ -Coordination. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	22
4	Cobalt-catalyzed divergent functionalization of N-sulfonyl amines via $\beta^2$ -carbon elimination. <i>Science China Chemistry</i> , 2022, 65, 2214-2218.	8.2	5
5	Nickel-Catalyzed Enantioselective $\beta$ -Alkenylation of <i>N</i> -Sulfonyl Amines: Modular Access to Chiral $\beta$ -Branched Amines. <i>Journal of the American Chemical Society</i> , 2021, 143, 4154-4161.	13.7	23
6	Catalytic $S_NAr$ Hydroxylation and Alkoxylation of Aryl Fluorides. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 20391-20399.	13.8	22
7	Catalytic $S_NAr$ Hydroxylation and Alkoxylation of Aryl Fluorides. <i>Angewandte Chemie</i> , 2021, 133, 20554-20562.	2.0	4
8	Ni-catalyzed hydroalkylation of olefins with N-sulfonyl amines. <i>Nature Communications</i> , 2021, 12, 5881.	12.8	19
9	Transition-Metal-Catalyzed Amination of Aryl Fluorides. <i>Synlett</i> , 2020, 31, 1135-1139.	1.8	3
10	Differentiation and functionalization of remote C-H bonds in adjacent positions. <i>Nature Chemistry</i> , 2020, 12, 399-404.	13.6	98
11	Ru(II)-Catalyzed Amination of Aryl Fluorides <i>via</i> $\eta^6$ -Coordination. <i>Journal of the American Chemical Society</i> , 2020, 142, 3706-3711.	13.7	36
12	Rh(III)-Catalyzed <i>meta</i> -C-H Alkenylation with Alkynes. <i>Journal of the American Chemical Society</i> , 2019, 141, 76-79.	13.7	89
13	Palladium-Catalyzed <i>meta</i> -C-H Functionalization of Masked Aromatic Aldehydes. <i>ACS Catalysis</i> , 2018, 8, 7362-7367.	11.2	58
14	Enantioselective remote <i>meta</i> -C-H arylation and alkylation via a chiral transient mediator. <i>Nature</i> , 2018, 558, 581-585.	27.8	204
15	Synthesis of $^{18}F$ - $\beta$ -difluoromethylarenes from Aryl (Pseudo) Halides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 10786-10790.	13.8	38
16	Synthesis of $^{18}F$ - $\beta$ -difluoromethylarenes from Aryl (Pseudo) Halides. <i>Angewandte Chemie</i> , 2016, 128, 10944-10948.	2.0	11
17	Ligand Promoted <i>meta</i> -C-H Chlorination of Anilines and Phenols. <i>Journal of the American Chemical Society</i> , 2016, 138, 14876-14879.	13.7	100
18	Gold-Catalyzed Enantio- and Diastereoselective Syntheses of Left Fragments of Azadirachtin/Meliacarpin-Type Limonoids. <i>Journal of Organic Chemistry</i> , 2016, 81, 751-771.	3.2	18

#	ARTICLE	IF	CITATIONS
19	Modular C-H Functionalization Cascade of Aryl Iodides. <i>Journal of the American Chemical Society</i> , 2015, 137, 3775-3778.	13.7	163
20	Synthetic Progress toward Azadirachtins. 1. Enantio- and Diastereoselective Synthesis of the Left-Wing Fragment of 11- <i>epi</i> -Azadirachtin I. <i>Organic Letters</i> , 2015, 17, 2342-2345.	4.6	24
21	Total Syntheses of Drimane-Type Sesquiterpenoids Enabled by a Gold-Catalyzed Tandem Reaction. <i>Journal of the American Chemical Society</i> , 2011, 133, 14944-14947.	13.7	112
22	Rhodium-Catalyzed Stereoselective Deuteration of Benzylic C-H Bonds via Reversible $\eta^6$ -Coordination. <i>Angewandte Chemie</i> , 0, , .	2.0	4
23	External-Ligand-Free, Nickel-Catalyzed Alkenylation of N-Sulfonylamines with Internal Alkynes. <i>Synthesis</i> , 0, , .	2.3	0