

Xifa Yang

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

1,150
citations

394421

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996
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium(III)-Catalyzed Synthesis of Naphthols via C-H Activation of Sulfoxonium Ylides. <i>Organic Letters</i> , 2017, 19, 4307-4310.	4.6	138
2	Ruthenium(II)-Catalyzed C-H Activation of Imidamides and Divergent Couplings with Diazo Compounds: Substrate-Controlled Synthesis of Indoles and 3-Hydroxyindoles. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 11877-11881.	13.8	126
3	Cooperative Co(III)/Cu(II)-Catalyzed C-N/N-C Coupling of Imidates with Anthranils: Access to 1-Hydroxyindazoles via C-H Activation. <i>Organic Letters</i> , 2016, 18, 3662-3665.	4.6	123
4	Rhodium(III)-Catalyzed Enantioselective Coupling of Indoles and 7-Azabenzonorbornadienes by C-H Activation/Desymmetrization. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 322-326.	13.8	82
5	Rh(III)- and Zn(II)-Catalyzed Synthesis of Quinazoline N-Oxides via C-H Amidation-Cyclization of Oximes. <i>Organic Letters</i> , 2016, 18, 6144-6147.	4.6	79
6	Divergent Access to 1-Naphthols and Isocoumarins via Rh(III)-Catalyzed C-H Activation Assisted by Phosphonium Ylide. <i>Organic Letters</i> , 2017, 19, 3410-3413.	4.6	77
7	Cobalt(III)-catalyzed efficient synthesis of indenones through carboannulation of benzoates and alkynes. <i>Organic Chemistry Frontiers</i> , 2016, 3, 813-816.	4.5	69
8	Iridium(III)-Catalyzed Synthesis of Benzimidazoles via C-H Activation and Amidation of Aniline Derivatives. <i>Organic Letters</i> , 2017, 19, 3243-3246.	4.6	69
9	Rh(III)-Catalyzed Acceptorless Dehydrogenative Coupling of (Hetero)arenes with 2-Carboxyl Allylic Alcohols. <i>Organic Letters</i> , 2018, 20, 740-743.	4.6	44
10	Rhodium-catalyzed diverse [4 + 1] annulation of arenes with 1,3-enynes via C-H activation and 1,4-rhodium migration. <i>Chemical Science</i> , 2019, 10, 3987-3993.	7.4	43
11	Rhodium-Catalyzed Oxidative Synthesis of Quinoline-Fused Sydnone via 2-fold C-H Bond Activation. <i>Journal of Organic Chemistry</i> , 2016, 81, 12038-12045.	3.2	39
12	Regio- and Diastereoselective Access to Fused Isoxazolidines via Ru(II)-Catalyzed C-H Activation of Nitrones and Coupling with Perfluoroalkylolefins. <i>Organic Letters</i> , 2018, 20, 437-440.	4.6	39
13	Rh-Catalyzed Fluoroalkenylation of N-nitrosoanilines with 2,2-difluorovinyl tosylates via C-H bond activation. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3406-3409.	4.5	35
14	Rhodium(III)-Catalyzed Enantioselective Coupling of Indoles and 7-Azabenzonorbornadienes by C-H Activation/Desymmetrization. <i>Angewandte Chemie</i> , 2019, 131, 328-332.	2.0	31
15	Ruthenium(II)-Catalyzed C-H Activation of Imidamides and Divergent Couplings with Diazo Compounds: Substrate-Controlled Synthesis of Indoles and 3-Hydroxyindoles. <i>Angewandte Chemie</i> , 2016, 128, 12056-12060.	2.0	27
16	Redox-Neutral Access to Isoquinolinones via Rhodium(III)-Catalyzed Annulations of O-Pivaloyl Oximes with Ketenes. <i>Organic Letters</i> , 2018, 20, 2698-2701.	4.6	27
17	Synthesis of Cyclopentadienols by Rhodium-Catalyzed C-H Activation of 8-Formylquinolines and [2+2+1] Carbocyclization with Alkynes. <i>ACS Catalysis</i> , 2016, 6, 6372-6376.	11.2	25
18	Access to Quaternary Stereogenic Centers via Rhodium(III)-Catalyzed Annulations between 2-Phenylindoles and Ketenes. <i>Organic Letters</i> , 2018, 20, 1957-1960.	4.6	24

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19	Iridium- and rhodium-catalyzed C-H activation and formyl arylation of benzaldehydes under chelation-assistance. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 5233-5237.	2.8	23
20	Rhodium(III)-catalyzed synthesis of indanones via C-H activation of phenacyl phosphoniums and coupling with olefins. <i>Organic Chemistry Frontiers</i> , 2017, 4, 2114-2118.	4.5	20
21	Synthesis of spiropyrans <i>via</i> the Rh(III)-catalyzed annulation of 3-aryl-2-hydroxybenzo[<i>b</i>][1,4]oxazines with diazo ketoesters. <i>Chemical Communications</i> , 2022, 58, 5144-5147.	4.1	10