Sangil Han

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

48 papers	1,996 citations	28 h-index	44 g-index
71 ext. papers	2,244 ext. citations	5.2 avg, IF	4.71 L-index

#	Paper	IF	Citations
48	Recent Advances in Catalytic C(sp2)□H Allylation Reactions. *ACS Catalysis*, **2017**, 7, 2821-2847	13.1	194
47	Direct C-H alkylation and indole formation of anilines with diazo compounds under rhodium catalysis. *Chemical Communications*, **2015**, 51, 17229-32	5.8	97
46	Rh(III)-Catalyzed Direct Coupling of Azobenzenes with □Diazo Esters: Facile Synthesis of Cinnolin-3(2H)-ones. *Organic Letters*, **2015**, 17, 2852-5	6.2	96
45	Decarboxylative acylation of indolines with □keto acids under palladium catalysis: a facile strategy for the synthesis of 7-substituted indoles. *Chemical Communications*, **2014**, 50, 14249-52	5.8	88
44	Rhodium(III)-Catalyzed C(sp(3))-H Alkylation of 8-Methylquinolines with Maleimides. *Organic Letters* , **2016**, 18, 4666-9	6.2	80
43	Rhodium(III)-Catalyzed Selective C?H Cyanation of Indolines and Indoles with an Easily Accessible Cyano Source. *Advanced Synthesis and Catalysis*, **2015**, 357, 1293-1298	5.6	76
42	Synthesis of (2 H)-Indazoles through Rh(III)-Catalyzed Annulation Reaction of Azobenzenes with Sulfoxonium Ylides. *Journal of Organic Chemistry*, **2018**, 83, 4070-4077	4.2	71
41	Direct allylation of aromatic and □unsaturated carboxamides under ruthenium catalysis. *Chemical Communications*, **2014**, 50, 11303-6	5.8	71
40	Mild Rh(III)-catalyzed C7-allylation of indolines with allylic carbonates. *Journal of Organic Chemistry*, **2015**, 80, 1818-27	4.2	70
39	Synthesis of Succinimide-Containing Chromones, Naphthoquinones, and Xanthones under Rh(III) Catalysis: Evaluation of Anticancer Activity. *Journal of Organic Chemistry*, **2016**, 81, 12416-12425	4.2	69
38	Access to 3-Acyl-(2H)-indazoles via Rh(III)-Catalyzed C-H Addition and Cyclization of Azobenzenes with □Keto Aldehydes. *Organic Letters*, **2016**, 18, 232-5	6.2	64
37	Reductive C2-Alkylation of Pyridine and Quinoline N-Oxides Using Wittig Reagents. *Angewandte Chemie - International Edition*, **2018**, 57, 12737-12740	16.4	59
36	Site-Selective Rhodium(III)-Catalyzed C□H Amination of 7-Azaindoles with Anthranils: Synthesis and Anticancer Evaluation. *Advanced Synthesis and Catalysis*, **2017**, 359, 3471-3478	5.6	54
35	Direct and Site-Selective Palladium-Catalyzed C-7 Acylation of Indolines with Aldehydes. *Advanced Synthesis and Catalysis*, **2015**, 357, 594-600	5.6	53
34	Ru(II)-catalyzed selective C-H amination of xanthones and chromones with sulfonyl azides: synthesis and anticancer evaluation. *Journal of Organic Chemistry*, **2014**, 79, 9262-71	4.2	52
33	Site-selective Cp*Rh(III)-catalyzed C□H amination of indolines with anthranils. *Organic Chemistry Frontiers*, **2017**, 4, 241-249	5.2	48
32	Rh(III)-catalyzed oxidative coupling of 1,2-disubstituted arylhydrazines and olefins: a new strategy for 2,3-dihydro-1H-indazoles. *Organic Letters*, **2014**, 16, 2494-7	6.2	48

31	Direct access to isoindolines through tandem Rh(III)-catalyzed alkenylation and cyclization of N-benzyltriflamides. *Chemical Communications*, **2014**, 50, 2350-2	5.8	46
30	Cp*Rh(iii)-catalyzed C(sp)-H alkylation of 8-methylquinolines in aqueous media. *Chemical Communications*, **2017**, 53, 3006-3009	5.8	45
29	Pd-catalyzed oxidative coupling of arene C-H bonds with benzylic ethers as acyl equivalents. *Journal of Organic Chemistry*, **2014**, 79, 275-84	4.2	45
28	Rhodium-catalyzed mild and selective C–H allylation of indolines and indoles with 4-vinyl-1,3-dioxolan-2-one: facile access to indolic scaffolds with an allylic alcohol moiety. *Tetrahedron*, **2015**, 71, 2435-2441	2.4	44
27	Rh-catalyzed oxidative C-C bond formation and C-N bond cleavage: direct access to C2-olefinated free (NH)-indoles and pyrroles. *Organic and Biomolecular Chemistry*, **2014**, 12, 1703-6	3.9	44
26	Ruthenium(II)- or Rhodium(III)-Catalyzed Grignard-Type Addition of Indolines and Indoles to Activated Carbonyl Compounds. *Advanced Synthesis and Catalysis*, **2016**, 358, 2714-2720	5.6	43
25	Synthesis and C2-functionalization of indoles with allylic acetates under rhodium catalysis. *Organic and Biomolecular Chemistry*, **2013**, 11, 7427-34	3.9	41
24	Rh(III)-Catalyzed C-H Amidation of Indoles with Isocyanates. *Journal of Organic Chemistry*, **2015**, 80, 7243-50	4.2	37
23	Site-Selective C–H Amidation of Azobenzenes with Dioxazolones under Rhodium Catalysis. *European Journal of Organic Chemistry*, **2016**, 2016, 4976-4980	3.2	31
22	Synthesis of N-Sulfonylamidated and Amidated Azobenzenes under Rhodium Catalysis. *Journal of Organic Chemistry*, **2015**, 80, 8026-35	4.2	29
21	Mild and Site-Selective Allylation of Enol Carbamates with Allylic Carbonates under Rhodium Catalysis. *Journal of Organic Chemistry*, **2016**, 81, 2243-51	4.2	29
20	Rhodium-Catalyzed Vinylic C–H Functionalization of Enol Carbamates with Maleimides. *European Journal of Organic Chemistry*, **2016**, 2016, 3611-3618	3.2	27
19	Rh-catalyzed oxidative C2-alkenylation of indoles with alkynes: unexpected cleavage of directing group. *Tetrahedron Letters*, **2014**, 55, 3104-3107	2	26
18	Trifluoromethylallylation of Heterocyclic C-H Bonds with Allylic Carbonates under Rhodium Catalysis. *Journal of Organic Chemistry*, **2016**, 81, 4771-8	4.2	25
17	Site-Selective C-H Alkylation of Diazine -Oxides Enabled by Phosphonium Ylides. *Organic Letters*, **2019**, 21, 6488-6493	6.2	21
16	Copper-catalyzed oxidative C-O bond formation of 2-acyl phenols and 1,3-dicarbonyl compounds with ethers: direct access to phenol esters and enol esters. *Journal of Organic Chemistry*, **2014**, 79, 4735-42	4.2	21
15	C-H Methylation of Iminoamido Heterocycles with Sulfur Ylides*. *Angewandte Chemie - International Edition*, **2021**, 60, 191-196	16.4	20
14	Rhodium(III)-catalyzed heteroatom-directed C–H allylation with allylic phosphonates and allylic carbonates at room temperature. *Tetrahedron*, **2016**, 72, 571-578	2.4	18

13	Ru(II)-Catalyzed C-H Aminocarbonylation of N-(Hetero)aryl-7-azaindoles with Isocyanates. *Journal of Organic Chemistry*, **2018**, 83, 4641-4649	4.2	17
12	C(sp)-H amination of 8-methylquinolines with azodicarboxylates under Rh(iii) catalysis: cytotoxic evaluation of quinolin-8-ylmethanamines. *Chemical Communications*, **2017**, 53, 11197-11200	5.8	15
11	C2-Selective C-H Methylation of Heterocyclic -Oxides with Sulfonium Ylides. *Organic Letters*, **2020**, 22, 9004-9009	6.2	14
10	Redox-Neutral Rh(III)-Catalyzed Olefination of Carboxamides with Trifluoromethyl Allylic Carbonate. *Journal of Organic Chemistry*, **2016**, 81, 11353-11359	4.2	13
9	Deoxygenative Amination of Azine--oxides with Acyl Azides via [3 + 2] Cycloaddition. *Journal of Organic Chemistry*, **2020**, 85, 2476-2485	4.2	13
8	Synthesis and anti-inflammatory evaluation of N-sulfonyl anthranilic acids via Ir(III)-catalyzed C-H amidation of benzoic acids. *Bioorganic and Medicinal Chemistry Letters*, **2017**, 27, 2129-2134	2.9	11
7	Synthesis of (2H)-Indazoles from Azobenzenes Using Paraformaldehyde as a One-Carbon Synthon. *Advanced Synthesis and Catalysis*, **2019**, 361, 1617-1626	5.6	9
6	Reductive C2-Alkylation of Pyridine and Quinoline N-Oxides Using Wittig Reagents. *Angewandte Chemie*, **2018**, 130, 12919-12922	3.6	9
5	Synthesis of Phthalides through Tandem Rhodium-Catalyzed C□H Olefination and Annulation of Benzamides. *European Journal of Organic Chemistry*, **2016**, 2016, 3076-3083	3.2	6
4	C□H Methylation of Iminoamido Heterocycles with Sulfur Ylides**. *Angewandte Chemie*, **2021**, 133, 193-198	3.6	4
3	Ru(ii)-Catalyzed C-H addition and oxidative cyclization of 2-aryl quinazolinones with activated aldehydes. *Organic and Biomolecular Chemistry*, **2020**, 18, 9611-9622	3.9	3
2	Front Cover Picture: Site-Selective Rhodium(III)-Catalyzed C□H Amination of 7-Azaindoles with Anthranils: Synthesis and Anticancer Evaluation (Adv. Synth. Catal. 20/2017). *Advanced Synthesis and Catalysis*, **2017**, 359, 3469-3469	5.6	0
1	Front Cover Picture: Ruthenium(II)- or Rhodium(III)-Catalyzed Grignard-Type Addition of Indolines and Indoles to Activated Carbonyl Compounds (Adv. Synth. Catal. 17/2016). *Advanced Synthesis and Catalysis*, **2016**, 358, 2713-2713	5.6	