

# Sangil Han

## List of Publications by Year in descending order

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48  
papers

2,446  
citations

147566

31  
h-index

214527

47  
g-index

71  
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71  
docs citations

71  
times ranked

1805  
citing authors

#	ARTICLE	IF	CITATIONS
1	C <sup>α</sup> -H Methylation of Iminoamido Heterocycles with Sulfur Ylides**. <i>Angewandte Chemie</i> , 2021, 133, 193-198.	1.6	5
2	C <sup>α</sup> -H Methylation of Iminoamido Heterocycles with Sulfur Ylides**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 191-196.	7.2	47
3	Deoxygenative Amination of Azine-<i>N</i>-oxides with Acyl Azides via [3 + 2] Cycloaddition. <i>Journal of Organic Chemistry</i> , 2020, 85, 2476-2485.	1.7	21
4	Ru(II)-Catalyzed C <sup>α</sup> -H addition and oxidative cyclization of 2-aryl quinazolinones with activated aldehydes. <i>Organic and Biomolecular Chemistry</i> , 2020, 18, 9611-9622.	1.5	13
5	C2-Selective C <sup>α</sup> -H Methylation of Heterocyclic <i>N</i>-Oxides with Sulfonium Ylides. <i>Organic Letters</i> , 2020, 22, 9004-9009.	2.4	29
6	Site-Selective C <sup>α</sup> -H Alkylation of Diazine <i>N</i>-Oxides Enabled by Phosphonium Ylides. <i>Organic Letters</i> , 2019, 21, 6488-6493.	2.4	27
7	Synthesis of (2 H)-indazoles from Azobenzenes Using Paraformaldehyde as a One-Carbon Synthon. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1617-1626.	2.1	18
8	Ru(II)-Catalyzed C <sup>α</sup> -H Aminocarbonylation of <i>N</i>-(Hetero)aryl-7-azaindoles with Isocyanates. <i>Journal of Organic Chemistry</i> , 2018, 83, 4641-4649.	1.7	26
9	Synthesis of (2 H)-indazoles through Rh(III)-Catalyzed Annulation Reaction of Azobenzenes with Sulfoxonium Ylides. <i>Journal of Organic Chemistry</i> , 2018, 83, 4070-4077.	1.7	90
10	Reductive C2-Alkylation of Pyridine and Quinoline <i>N</i>-Oxides Using Wittig Reagents. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12737-12740.	7.2	69
11	Reductive C2-Alkylation of Pyridine and Quinoline <i>N</i>-Oxides Using Wittig Reagents. <i>Angewandte Chemie</i> , 2018, 130, 12919-12922.	1.6	9
12	Cp*Rh(III)-catalyzed C(sp <sup>3</sup> )-H alkylation of 8-methylquinolines in aqueous media. <i>Chemical Communications</i> , 2017, 53, 3006-3009.	2.2	60
13	Site-selective Cp*Rh(III)-catalyzed C <sup>α</sup> -H amination of indolines with anthranils. <i>Organic Chemistry Frontiers</i> , 2017, 4, 241-249.	2.3	58
14	Synthesis and anti-inflammatory evaluation of N-sulfonyl anthranilic acids via Ir(III)-catalyzed C <sup>α</sup> -H amidation of benzoic acids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2129-2134.	1.0	16
15	Recent Advances in Catalytic C(sp <sup>2</sup> )-H Allylation Reactions. <i>ACS Catalysis</i> , 2017, 7, 2821-2847.	5.5	250
16	C(sp <sup>3</sup> )-H amination of 8-methylquinolines with azodicarboxylates under Rh(III) catalysis: cytotoxic evaluation of quinolin-8-ylmethanamines. <i>Chemical Communications</i> , 2017, 53, 11197-11200.	2.2	22
17	Front Cover Picture: Site-Selective Rhodium(III)-Catalyzed C <sup>α</sup> -H Amination of 7-Azaindoles with Anthranils: Synthesis and Anticancer Evaluation ( <i>Adv. Synth. Catal.</i> 20/2017). <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3469-3469.	2.1	2
18	Site-Selective Rhodium(III)-Catalyzed C <sup>α</sup> -H Amination of 7-Azaindoles with Anthranils: Synthesis and Anticancer Evaluation. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3471-3478.	2.1	62

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19	Synthesis of Phthalides through Tandem Rhodium-Catalyzed C-H Olefination and Annulation of Benzamides. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3076-3083.	1.2	7
20	Trifluoromethylallylation of Heterocyclic C-H Bonds with Allylic Carbonates under Rhodium Catalysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 4771-4778.	1.7	31
21	Site-Selective C-H Amidation of Azobenzenes with Dioxazolones under Rhodium Catalysis. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 4976-4980.	1.2	35
22	Ruthenium(II)- or Rhodium(III)-Catalyzed Grignard-Type Addition of Indolines and Indoles to Activated Carbonyl Compounds. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2714-2720.	2.1	56
23	Rhodium(III)-Catalyzed C(sp <sup>3</sup> )-H Alkylation of 8-Methylquinolines with Maleimides. <i>Organic Letters</i> , 2016, 18, 4666-4669.	2.4	95
24	Front Cover Picture: Ruthenium(II)- or Rhodium(III)-Catalyzed Grignard-Type Addition of Indolines and Indoles to Activated Carbonyl Compounds ( <i>Adv. Synth. Catal.</i> 17/2016). <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 2713-2713.	2.1	0
25	Synthesis of Succinimide-Containing Chromones, Naphthoquinones, and Xanthenes under Rh(III) Catalysis: Evaluation of Anticancer Activity. <i>Journal of Organic Chemistry</i> , 2016, 81, 12416-12425.	1.7	88
26	Rhodium-Catalyzed Vinylic C-H Functionalization of Enol Carbamates with Maleimides. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3611-3618.	1.2	32
27	Redox-Neutral Rh(III)-Catalyzed Olefination of Carboxamides with Trifluoromethyl Allylic Carbonate. <i>Journal of Organic Chemistry</i> , 2016, 81, 11353-11359.	1.7	14
28	Mild and Site-Selective Allylation of Enol Carbamates with Allylic Carbonates under Rhodium Catalysis. <i>Journal of Organic Chemistry</i> , 2016, 81, 2243-2251.	1.7	38
29	Access to 3-Acyl-2H-indazoles via Rh(III)-Catalyzed C-H Addition and Cyclization of Azobenzenes with $\alpha$ -Keto Aldehydes. <i>Organic Letters</i> , 2016, 18, 232-235.	2.4	78
30	Rhodium(III)-catalyzed heteroatom-directed C-H allylation with allylic phosphonates and allylic carbonates at room temperature. <i>Tetrahedron</i> , 2016, 72, 571-578.	1.0	21
31	Rh(III)-Catalyzed Direct Coupling of Azobenzenes with $\alpha$ -Diazo Esters: Facile Synthesis of Cinnolin-3H-ones. <i>Organic Letters</i> , 2015, 17, 2852-2855.	2.4	108
32	Mild Rh(III)-Catalyzed C7-Allylation of Indolines with Allylic Carbonates. <i>Journal of Organic Chemistry</i> , 2015, 80, 1818-1827.	1.7	76
33	Direct and Site-Selective Palladium-Catalyzed C7 Acylation of Indolines with Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 594-600.	2.1	63
34	Rh(III)-Catalyzed C-H Amidation of Indoles with Isocyanates. <i>Journal of Organic Chemistry</i> , 2015, 80, 7243-7250.	1.7	42
35	Synthesis of N-Sulfonylamidated and Amidated Azobenzenes under Rhodium Catalysis. <i>Journal of Organic Chemistry</i> , 2015, 80, 8026-8035.	1.7	32
36	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. <i>Tetrahedron</i> , 2015, 71, 2435-2441.	1.0	49

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37	Rhodium(III)-Catalyzed Selective C <sub>2</sub> -H Cyanation of Indolines and Indoles with an Easily Accessible Cyano Source. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1293-1298.	2.1	95
38	Direct C <sup>2</sup> -H alkylation and indole formation of anilines with diazo compounds under rhodium catalysis. <i>Chemical Communications</i> , 2015, 51, 17229-17232.	2.2	106
39	Copper-Catalyzed Oxidative C <sup>2</sup> -O Bond Formation of 2-Acyl Phenols and 1,3-Dicarbonyl Compounds with Ethers: Direct Access to Phenol Esters and Enol Esters. <i>Journal of Organic Chemistry</i> , 2014, 79, 4735-4742.	1.7	24
40	Direct access to isoindolines through tandem Rh(III)-catalyzed alkenylation and cyclization of N-benzyltriflamides. <i>Chemical Communications</i> , 2014, 50, 2350-2352.	2.2	51
41	Pd-Catalyzed Oxidative Coupling of Arene C <sup>2</sup> -H Bonds with Benzylic Ethers as Acyl Equivalents. <i>Journal of Organic Chemistry</i> , 2014, 79, 275-284.	1.7	50
42	Direct allylation of aromatic and $\hat{1},\hat{2}$ -unsaturated carboxamides under ruthenium catalysis. <i>Chemical Communications</i> , 2014, 50, 11303.	2.2	80
43	Ru(II)-Catalyzed Selective C <sup>2</sup> -H Amination of Xanthenes and Chromones with Sulfonyl Azides: Synthesis and Anticancer Evaluation. <i>Journal of Organic Chemistry</i> , 2014, 79, 9262-9271.	1.7	61
44	Rh-catalyzed oxidative C <sup>2</sup> -alkenylation of indoles with alkynes: unexpected cleavage of directing group. <i>Tetrahedron Letters</i> , 2014, 55, 3104-3107.	0.7	32
45	Decarboxylative acylation of indolines with $\hat{1},\hat{2}$ -keto acids under palladium catalysis: a facile strategy for the synthesis of 7-substituted indoles. <i>Chemical Communications</i> , 2014, 50, 14249-14252.	2.2	109
46	Rh-catalyzed oxidative C <sup>2</sup> -C bond formation and C <sup>2</sup> -N bond cleavage: direct access to C <sup>2</sup> -olefinated free (NH)-indoles and pyrroles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1703-1706.	1.5	51
47	Rh(III)-Catalyzed Oxidative Coupling of 1,2-Disubstituted Arylhydrazines and Olefins: A New Strategy for 2,3-Dihydro-1H-Indazoles. <i>Organic Letters</i> , 2014, 16, 2494-2497.	2.4	54
48	Synthesis and C <sup>2</sup> -functionalization of indoles with allylic acetates under rhodium catalysis. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7427.	1.5	44