

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
all docs

71
docs citations

71
times ranked

1805
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Recent Advances in Catalytic C(sp ²)-H Allylation Reactions. <i>ACS Catalysis</i> , 2017, 7, 2821-2847. | 5.5 | 250 |
| 2 | Decarboxylative acylation of indolines with α -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 |
| 3 | Rh(III)-Catalyzed Direct Coupling of Azobenzenes with α -Diazo Esters: Facile Synthesis of Cinnolin-3(2 <i>H</i>)-ones. <i>Organic Letters</i> , 2015, 17, 2852-2855. | 2.4 | 108 |
| 4 | Direct C-H alkylation and indole formation of anilines with diazo compounds under rhodium catalysis. <i>Chemical Communications</i> , 2015, 51, 17229-17232. | 2.2 | 106 |
| 5 | Rhodium(III)-Catalyzed Selective C β -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 |
| 6 | Rhodium(III)-Catalyzed C(sp ³)-H Alkylation of 8-Methylquinolines with Maleimides. <i>Organic Letters</i> , 2016, 18, 4666-4669. | 2.4 | 95 |
| 7 | Synthesis of (2 <i>H</i>)-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 |
| 8 | 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 |
| 9 | Direct allylation of aromatic and α,β -unsaturated carboxamides under ruthenium catalysis. <i>Chemical Communications</i> , 2014, 50, 11303. | 2.2 | 80 |
| 10 | Access to 3-Acyl-(2 <i>H</i>)-indazoles via Rh(III)-Catalyzed C-H Addition and Cyclization of Azobenzenes with α -Keto Aldehydes. <i>Organic Letters</i> , 2016, 18, 232-235. | 2.4 | 78 |
| 11 | Mild Rh(III)-Catalyzed C7-Allylation of Indolines with Allylic Carbonates. <i>Journal of Organic Chemistry</i> , 2015, 80, 1818-1827. | 1.7 | 76 |
| 12 | 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 |
| 13 | Direct and Site-Selective Palladium-Catalyzed C γ Acylation of Indolines with Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 594-600. | 2.1 | 63 |
| 14 | Site-Selective Rhodium(III)-Catalyzed C-H Amination of 7-Azaindoles with Anthranils: Synthesis and Anticancer Evaluation. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 3471-3478. | 2.1 | 62 |
| 15 | Ru(II)-Catalyzed Selective C-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 |
| 16 | Cp*Rh(III)-catalyzed C(sp ³)-H alkylation of 8-methylquinolines in aqueous media. <i>Chemical Communications</i> , 2017, 53, 3006-3009. | 2.2 | 60 |
| 17 | Site-selective Cp*Rh(III)-catalyzed C-H amination of indolines with anthranils. <i>Organic Chemistry Frontiers</i> , 2017, 4, 241-249. | 2.3 | 58 |
| 18 | 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 |

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|----|--|-----|-----------|
| 19 | 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 |
| 20 | Direct access to isoindolines through tandem Rh(<i>scpv</i>)-catalyzed alkenylation and cyclization of N-benzyltriflamides. <i>Chemical Communications</i> , 2014, 50, 2350-2352. | 2.2 | 51 |
| 21 | Rh-catalyzed oxidative C–C bond formation and C–N bond cleavage: direct access to C2-olefinated free (NH)-indoles and pyrroles. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 1703-1706. | 1.5 | 51 |
| 22 | Pd-Catalyzed Oxidative Coupling of Arene C–H Bonds with Benzylic Ethers as Acyl Equivalents. <i>Journal of Organic Chemistry</i> , 2014, 79, 275-284. | 1.7 | 50 |
| 23 | 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 |
| 24 | C–H Methylation of Iminoamido Heterocycles with Sulfur Ylides**. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 191-196. | 7.2 | 47 |
| 25 | Synthesis and C2-functionalization of indoles with allylic acetates under rhodium catalysis. <i>Organic and Biomolecular Chemistry</i> , 2013, 11, 7427. | 1.5 | 44 |
| 26 | Rh(III)-Catalyzed C–H Amidation of Indoles with Isocyanates. <i>Journal of Organic Chemistry</i> , 2015, 80, 7243-7250. | 1.7 | 42 |
| 27 | 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 |
| 28 | 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 |
| 29 | Rh-catalyzed oxidative C2-alkenylation of indoles with alkynes: unexpected cleavage of directing group. <i>Tetrahedron Letters</i> , 2014, 55, 3104-3107. | 0.7 | 32 |
| 30 | Synthesis of N-Sulfonylamidated and Amidated Azobenzenes under Rhodium Catalysis. <i>Journal of Organic Chemistry</i> , 2015, 80, 8026-8035. | 1.7 | 32 |
| 31 | 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 |
| 32 | 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 |
| 33 | C2-Selective C–H Methylation of Heterocyclic <i>N</i> -Oxides with Sulfonium Ylides. <i>Organic Letters</i> , 2020, 22, 9004-9009. | 2.4 | 29 |
| 34 | Site-Selective C–H Alkylation of Diazine <i>N</i> -Oxides Enabled by Phosphonium Ylides. <i>Organic Letters</i> , 2019, 21, 6488-6493. | 2.4 | 27 |
| 35 | Ru(II)-Catalyzed C–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 |
| 36 | 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. <i>Journal of Organic Chemistry</i> , 2014, 79, 4735-4742. | 1.7 | 24 |

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|----|---|-----|-----------|
| 37 | C(sp ³)â€”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 |
| 38 | Rhodium(III)-catalyzed heteroatom-directed Câ€”H allylation with allylic phosphonates and allylic carbonates at room temperature. <i>Tetrahedron</i> , 2016, 72, 571-578. | 1.0 | 21 |
| 39 | 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 |
| 40 | Synthesis of (2 H)â€”indazoles from Azobenzenes Using Paraformaldehyde as a Oneâ€”Carbon Synthone. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1617-1626. | 2.1 | 18 |
| 41 | Synthesis and anti-inflammatory evaluation of N -sulfonyl anthranilic acids via Ir(III)-catalyzed Câ€”H amidation of benzoic acids. <i>Bioorganic and Medicinal Chemistry Letters</i> , 2017, 27, 2129-2134. | 1.0 | 16 |
| 42 | 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 |
| 43 | Ru(ii)-Catalyzed Câ€”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 |
| 44 | Reductive C2â€”Alkylation of Pyridine and Quinoline <i>N</i>-oxides Using Wittig Reagents. <i>Angewandte Chemie</i> , 2018, 130, 12919-12922. | 1.6 | 9 |
| 45 | Synthesis of Phthalides through Tandem Rhodiumâ€”Catalyzed Câ€”H Olefination and Annulation of Benzamides. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3076-3083. | 1.2 | 7 |
| 46 | Câ€”H Methylation of Iminoamido Heterocycles with Sulfur Ylides**. <i>Angewandte Chemie</i> , 2021, 133, 193-198. | 1.6 | 5 |
| 47 | Front Cover Picture: Siteâ€”Selective Rhodium(III)â€”Catalyzed Câ€”H Amination of 7â€”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 |
| 48 | Front Cover Picture: Ruthenium(II)â€”or Rhodium(III)â€”Catalyzed Grignardâ€”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 |