

Dahye Kang

List of Publications by Year in descending order

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361413

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1144
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#	ARTICLE	IF	CITATIONS
1	Visible light induced alkene aminopyridylation using N-aminopyridinium salts as bifunctional reagents. <i>Nature Communications</i> , 2019, 10, 4117.	12.8	137
2	Site-Selective Functionalization of Pyridinium Derivatives via Visible-Light-Driven Photocatalysis with Quinolinone. <i>Journal of the American Chemical Society</i> , 2019, 141, 9239-9248.	13.7	98
3	Direct Phosphonation of Quinolinones and Coumarins Driven by the Photochemical Activity of Substrates and Products. <i>Organic Letters</i> , 2017, 19, 1394-1397.	4.6	91
4	Rh(III) and Ru(II)-Catalyzed Site-Selective C-H Alkynylation of Quinolones. <i>Organic Letters</i> , 2015, 17, 1938-1941.	4.6	72
5	Unraveling innate substrate control in site-selective palladium-catalyzed C-H heterocycle functionalization. <i>Chemical Science</i> , 2016, 7, 3900-3909.	7.4	58
6	Metal-free photocatalytic trifluoromethylative pyridylation of unactivated alkenes. <i>Green Chemistry</i> , 2018, 20, 5209-5214.	9.0	58
7	Rhodium-Catalyzed Direct C-H Phosphorylation of (Hetero)arenes Suitable for Late-Stage Functionalization. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1296-1301.	4.3	49
8	Site-Selective C-H Bond Functionalization of Chromones and Coumarins. <i>Asian Journal of Organic Chemistry</i> , 2018, 7, 1136-1150.	2.7	44
9	Allylic Acetals as Acrolein Oxonium Precursors in Tandem C-H Allylation and [3+2] Dipolar Cycloaddition. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 9470-9474.	13.8	44
10	Synthesis of 2-Benzazepines from Benzylamines and MBH Adducts Under Rhodium(III) Catalysis via C(sp ²)-H Functionalization. <i>ACS Catalysis</i> , 2018, 8, 742-746.	11.2	41
11	Visible-Light-Induced C=O Bond Formation for the Construction of Five- and Six-Membered Cyclic Ethers and Lactones. <i>Organic Letters</i> , 2018, 20, 7437-7441.	4.6	40
12	Mechanism of Rh-Catalyzed Oxidative Cyclizations: Closed versus Open Shell Pathways. <i>Accounts of Chemical Research</i> , 2016, 49, 1263-1270.	15.6	32
13	Visible-Light Excitation of Quinolinone-Containing Substrates Enables Divergent Radical Cyclizations. <i>Organic Letters</i> , 2019, 21, 3417-3421.	4.6	31
14	Reactivity of Morita-Baylis-Hillman Adducts in C-H Functionalization of (Hetero)aryl Nitrones: Access to Bridged Cycles and Carbazoles. <i>Organic Letters</i> , 2018, 20, 4632-4636.	4.6	28
15	Stereoselective construction of sterically hindered oxaspirocycles via chiral bidentate directing group-mediated C(sp ³)-O bond formation. <i>Chemical Science</i> , 2018, 9, 1473-1480.	7.4	28
16	Palladium-Catalyzed Divergent Arylation with Triazolopyridines: One-Pot Synthesis of Aryl- and Styrylpyridines. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 958-964.	4.3	27
17	Rh ^I -Catalyzed Site-Selective Decarbonylative Alkenylation and Arylation of Quinolones under Chelation Assistance. <i>European Journal of Organic Chemistry</i> , 2015, 2015, 3671-3678.	2.4	26
18	Room-Temperature Ring-Opening of Quinoline, Isoquinoline, and Pyridine with Low-Valent Titanium. <i>Journal of the American Chemical Society</i> , 2017, 139, 12804-12814.	13.7	24

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19	Enamine <i>N</i> -Oxides: Synthesis and Application to Hypoxia-Responsive Prodrugs and Imaging Agents. <i>ACS Central Science</i> , 2021, 7, 631-640.	11.3	24
20	Synthesis of heterocyclic-fused benzopyrans via the Pd(ii)-catalyzed C-H alkenylation/C-O cyclization of flavones and coumarins. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 3413-3422.	2.8	21
21	One-pot synthesis of 2-naphthols from nitrones and MBH adducts <i>via</i> decarboxylative N-O bond cleavage. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3210-3218.	4.5	21
22	Bioorthogonal Retro-Cope Elimination Reaction of <i>N,N</i> -Dialkylhydroxylamines and Strained Alkynes. <i>Journal of the American Chemical Society</i> , 2021, 143, 5616-5621.	13.7	15
23	Bioorthogonal click and release: A general, rapid, chemically reversible bioconjugation strategy employing enamine <i>N</i> -oxides. <i>CheM</i> , 2022, 8, 2260-2277.	11.7	14
24	Regiodivergent Ring-Opening Cross-Coupling of Vinyl Aziridines with Phosphorus Nucleophiles: Access to Phosphorus-Containing Amino Acid Derivatives. <i>Organic Letters</i> , 2018, 20, 7571-7575.	4.6	13
25	Bioorthogonal Hydroamination of Push-Pull Activated Linear Alkynes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 16947-16952.	13.8	7
26	A human protein hydroxylase that accepts D-residues. <i>Communications Chemistry</i> , 2020, 3, .	4.5	6
27	Bioorthogonal Hydroamination of Push-Pull Activated Linear Alkynes. <i>Angewandte Chemie</i> , 2021, 133, 17084-17089.	2.0	3
28	Allylic Acetals as Acrolein Oxonium Precursors in Tandem C-H Allylation and [3+2] Dipolar Cycloaddition. <i>Angewandte Chemie</i> , 2019, 131, 9570-9574.	2.0	1