

Inwon Kim

List of Publications by Year in descending order

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papers

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665
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#	ARTICLE	IF	CITATIONS
1	Visible-Light-Induced Pyridylation of Remote C(sp ³)-H Bonds by Radical Translocation of N-Alkoxy-pyridinium Salts. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 15517-15522.	13.8	141
2	Visible light induced alkene aminopyridylation using N-aminopyridinium salts as bifunctional reagents. <i>Nature Communications</i> , 2019, 10, 4117.	12.8	137
3	N-Heterocyclic carbene-catalyzed deaminative cross-coupling of aldehydes with Katritzky pyridinium salts. <i>Chemical Science</i> , 2020, 11, 3192-3197.	7.4	121
4	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
5	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
6	Functionalization of Pyridinium Derivatives with 1,4-Dihydropyridines Enabled by Photoinduced Charge Transfer. <i>Organic Letters</i> , 2020, 22, 8730-8734.	4.6	70
7	Metal-free photocatalytic trifluoromethylative pyridylation of unactivated alkenes. <i>Green Chemistry</i> , 2018, 20, 5209-5214.	9.0	58
8	Visible-light-induced cascade radical ring-closure and pyridylation for the synthesis of tetrahydrofurans. <i>Green Chemistry</i> , 2019, 21, 2082-2087.	9.0	57
9	Visible-Light-Induced Pyridylation of Remote C(sp ³)-H Bonds by Radical Translocation of N-Alkoxy-pyridinium Salts. <i>Angewandte Chemie</i> , 2018, 130, 15743-15748.	2.0	38
10	Triazole-conjugated spiropyran: synthesis, selectivity toward Cu(II), and binding study. <i>Tetrahedron Letters</i> , 2015, 56, 6080-6084.	1.4	22
11	Tuning Sensory Properties of Triazole-Conjugated Spiroyrans: Metal-Ion Selectivity and Paper-Based Colorimetric Detection of Cyanide. <i>Sensors</i> , 2017, 17, 1816.	3.8	9
12	Cooperative Binding of Metal Cations to a Spiropyran-Conjugated Calix[4]arene. <i>ChemistrySelect</i> , 2017, 2, 3527-3533.	1.5	4