

Chulbom Lee

List of Publications by Year in descending order

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36
papers

2,721
citations

236925

25
h-index

302126

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45
all docs

45
docs citations

45
times ranked

2646
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Ring-Forming Aminoacetoxylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2005, 127, 7690-7691.	13.7	399
2	Visible-Light-Induced Photocatalytic Reductive Transformations of Organohalides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12303-12306.	13.8	264
3	Transition Metal Vinylidene- and Allenylidene-Mediated Catalysis in Organic Synthesis. <i>Chemical Reviews</i> , 2019, 119, 4293-4356.	47.7	173
4	Stereoselective Palladium-Catalyzed O-Glycosylation Using Glycals. <i>Journal of the American Chemical Society</i> , 2004, 126, 1336-1337.	13.7	163
5	Nitrogen-centered radical-mediated C-H imidation of arenes and heteroarenes <i>via</i> visible light induced photocatalysis. <i>Chemical Communications</i> , 2014, 50, 9273-9276.	4.1	145
6	gem-Diacetates as Carbonyl Surrogates for Asymmetric Synthesis. Total Syntheses of Sphingofungins E and F. <i>Journal of the American Chemical Society</i> , 2001, 123, 12191-12201.	13.7	142
7	Sulfonamidation of Aryl and Heteroaryl Halides through Photosensitized Nickel Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3488-3492.	13.8	137
8	Total Synthesis of Kendomycin: A Macro Glycosidation Approach. <i>Journal of the American Chemical Society</i> , 2004, 126, 14720-14721.	13.7	113
9	A Mild and Efficient Method for the Stereoselective Formation of C-O Bonds: Palladium-Catalyzed Allylic Etherification Using Zinc(II) Alkoxides. <i>Organic Letters</i> , 2002, 4, 4369-4371.	4.6	109
10	β -Alkoxyacrylates in radical cyclizations: Remarkably efficient oxacycle synthesis. <i>Tetrahedron Letters</i> , 1993, 34, 4831-4834.	1.4	98
11	Cycloisomerization of Enynes via Rhodium Vinylidene-Mediated Catalysis. <i>Journal of the American Chemical Society</i> , 2005, 127, 10180-10181.	13.7	90
12	Rhodium-Catalyzed Cycloisomerization of N-Propargyl Enamine Derivatives. <i>Journal of the American Chemical Society</i> , 2006, 128, 6336-6337.	13.7	66
13	Ruthenium-Catalyzed Hydrative Cyclization of 1,5-Enynes. <i>Journal of the American Chemical Society</i> , 2005, 127, 12184-12185.	13.7	65
14	Direct catalytic C-H arylation of imidazo[1,2-a]pyridine with aryl bromides using magnetically recyclable Pd-Fe ₃ O ₄ nanoparticles. <i>Tetrahedron</i> , 2013, 69, 5660-5664.	1.9	65
15	Nickel-Catalyzed Reductive Cyclization of Organohalides. <i>Organic Letters</i> , 2011, 13, 2050-2053.	4.6	63
16	Rhodium-Catalyzed Oxygenative [2 + 2] Cycloaddition of Terminal Alkynes and Imines for the Synthesis of β -Lactams. <i>Organic Letters</i> , 2014, 16, 2482-2485.	4.6	56
17	Tandem Cyclization of Alkynes via Rhodium Alkynyl and Alkenylidene Catalysis. <i>Journal of the American Chemical Society</i> , 2006, 128, 14818-14819.	13.7	53
18	Rhodium-Catalyzed Oxygenative Addition to Terminal Alkynes for the Synthesis of Esters, Amides, and Carboxylic Acids. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 10023-10026.	13.8	53

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19	Rhodium-Catalyzed Arylative and Alkenylative Cyclization of 1,5-Enynes Induced by Geminal Carbometalation of Alkynes. <i>Journal of the American Chemical Society</i> , 2006, 128, 15598-15599.	13.7	50
20	Sulfonamidation of Aryl and Heteroaryl Halides through Photosensitized Nickel Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 3546-3550.	2.0	48
21	Ruthenium-Catalyzed Carboxylative Cyclization of 1,6-Diynes. <i>Journal of the American Chemical Society</i> , 2007, 129, 1030-1031.	13.7	37
22	Concise Synthesis of the <i>Erythrina</i> Alkaloid 3-Demethoxyerythratidinone via Combined Rhodium Catalysis. <i>Organic Letters</i> , 2010, 12, 5704-5707.	4.6	36
23	Mechanism of Cyanine5 to Cyanine3 Photoconversion and Its Application for High-Density Single-Particle Tracking in a Living Cell. <i>Journal of the American Chemical Society</i> , 2021, 143, 14125-14135.	13.7	35
24	Heme-binding-mediated negative regulation of the tryptophan metabolic enzyme indoleamine 2,3-dioxygenase 1 (IDO1) by IDO2. <i>Experimental and Molecular Medicine</i> , 2014, 46, e121-e121.	7.7	31
25	Silyloxymethanesulfinate as a sulfoxylate equivalent for the modular synthesis of sulfones and sulfonyl derivatives. <i>Chemical Science</i> , 2020, 11, 13071-13078.	7.4	27
26	Tandem Diels-Alder and Retro-Ene Reactions of 1-Sulfenyl- and 1-Sulfonyl-1,3-dienes as a Traceless Route to Cyclohexenes. <i>Journal of the American Chemical Society</i> , 2014, 136, 9918-9921.	13.7	21
27	Rhodium-Catalyzed Tandem Addition-Cyclization-Rearrangement of Alkynylhydrazones with Organoboronic Acids. <i>Journal of the American Chemical Society</i> , 2018, 140, 10407-10411.	13.7	20
28	Rhodium-catalyzed tandem addition-cyclization of alkynylimines. <i>Tetrahedron</i> , 2015, 71, 5910-5917.	1.9	15
29	Ruthenium-Catalyzed Three-Component Coupling via Hydrative Conjugate Addition of Alkynes to Alkenes: One-Pot Synthesis of 1,4-Dicarbonyl Compounds. <i>Chemistry - an Asian Journal</i> , 2011, 6, 2000-2004.	3.3	11
30	Enantioselective Total Synthesis of (+)-Carubellin. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22735-22739.	13.8	9
31	Synthesis of the C1-C10 Fragment of Madeirolide A. <i>Organic Letters</i> , 2016, 18, 2154-2157.	4.6	8
32	Stereoselective allylic reduction <i>via</i> one-pot palladium-catalyzed allylic sulfonation and sulfinyl retro-ene reactions. <i>Organic Chemistry Frontiers</i> , 2018, 5, 2158-2162.	4.5	8
33	A paradoxical pattern of indoleamine 2,3-dioxygenase expression in the colon tissues of patients with acute graft-versus-host disease. <i>Experimental Hematology</i> , 2014, 42, 734-740.	0.4	7
34	Ruthenium-Catalyzed Tandem Addition-Cyclization of 1,5-Enynes with Organoboronic Acids for the Synthesis of Alkylidene-Cyclobutanes. <i>Helvetica Chimica Acta</i> , 2022, 105, .	1.6	3
35	Base-Catalyzed One-Pot Synthesis of Unsymmetrical Fluorenes from Aromatic <i>ortho</i> -Dialdehydes and 1,3-Dicarbonyl Compounds. <i>ChemCatChem</i> , 2016, 8, 1051-1054.	3.7	2
36	Enantioselective Total Synthesis of (+)-Carubellin. <i>Angewandte Chemie</i> , 2021, 133, 22917.	2.0	2