

# Chulbom Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

36  
papers

2,721  
citations

236925

25  
h-index

302126

39  
g-index

45  
all docs

45  
docs citations

45  
times ranked

2646  
citing authors

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Rhodium-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         |
| 2  | 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        |
| 3  | Enantioselective Total Synthesis of (+)-Garsubellin. <i>Angewandte Chemie</i> , 2021, 133, 22917.   | 2.0  | 2         |
| 4  | Enantioselective Total Synthesis of (+)-Garsubellin. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22735-22739.  | 13.8 | 9         |
| 5  | 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        |
| 6  | Transition Metal Vinylidene- and Allenylidene-Mediated Catalysis in Organic Synthesis. <i>Chemical Reviews</i> , 2019, 119, 4293-4356.  | 47.7 | 173       |
| 7  | Sulfonamidation of Aryl and Heteroaryl Halides through Photosensitized Nickel Catalysis. <i>Angewandte Chemie</i> , 2018, 130, 3546-3550.   | 2.0  | 48        |
| 8  | Sulfonamidation of Aryl and Heteroaryl Halides through Photosensitized Nickel Catalysis. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3488-3492.  | 13.8 | 137       |
| 9  | 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         |
| 10 | 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        |
| 11 | 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         |
| 12 | Synthesis of the C1-C10 Fragment of Madeirolide A. <i>Organic Letters</i> , 2016, 18, 2154-2157.  | 4.6  | 8         |
| 13 | Rhodium-catalyzed tandem addition-cyclization of alkynylimines. <i>Tetrahedron</i> , 2015, 71, 5910-5917.   | 1.9  | 15        |
| 14 | 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        |
| 15 | Nitrogen-centered radical-mediated C-H amidation of arenes and heteroarenes <i>via</i> visible light induced photocatalysis. <i>Chemical Communications</i> , 2014, 50, 9273-9276.                          | 4.1  | 145       |
| 16 | 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        |
| 17 | Rhodium-Catalyzed Oxygenative [2 + 2] Cycloaddition of Terminal Alkynes and Imines for the Synthesis of $\beta$ -Lactams. <i>Organic Letters</i> , 2014, 16, 2482-2485.                                     | 4.6  | 56        |
| 18 | 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         |

| #  | ARTICLE   | IF   | CITATIONS |
|----|---|------|-----------|
| 19 | 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        |
| 20 | Direct catalytic C-H arylation of imidazo[1,2-a]pyridine with aryl bromides using magnetically recyclable Pd-Fe <sub>3</sub> O <sub>4</sub> nanoparticles. <i>Tetrahedron</i> , 2013, 69, 5660-5664.          | 1.9  | 65        |
| 21 | Visible-Light-Induced Photocatalytic Reductive Transformations of Organohalides. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12303-12306.  | 13.8 | 264       |
| 22 | Nickel-Catalyzed Reductive Cyclization of Organohalides. <i>Organic Letters</i> , 2011, 13, 2050-2053.  | 4.6  | 63        |
| 23 | 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        |
| 24 | 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        |
| 25 | Ruthenium-Catalyzed Carboxylative Cyclization of 1,6-Diynes. <i>Journal of the American Chemical Society</i> , 2007, 129, 1030-1031.  | 13.7 | 37        |
| 26 | Rhodium-Catalyzed Cycloisomerization of N-Propargyl Enamine Derivatives. <i>Journal of the American Chemical Society</i> , 2006, 128, 6336-6337.  | 13.7 | 66        |
| 27 | 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        |
| 28 | 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        |
| 29 | Ruthenium-Catalyzed Hydrative Cyclization of 1,5-Enynes. <i>Journal of the American Chemical Society</i> , 2005, 127, 12184-12185.  | 13.7 | 65        |
| 30 | Cycloisomerization of Enynes via Rhodium Vinylidene-Mediated Catalysis. <i>Journal of the American Chemical Society</i> , 2005, 127, 10180-10181.   | 13.7 | 90        |
| 31 | Palladium-Catalyzed Ring-Forming Aminoacetoxylation of Alkenes. <i>Journal of the American Chemical Society</i> , 2005, 127, 7690-7691.   | 13.7 | 399       |
| 32 | Total Synthesis of Kendomycin: A Macro-Glycosidation Approach. <i>Journal of the American Chemical Society</i> , 2004, 126, 14720-14721.  | 13.7 | 113       |
| 33 | Stereoselective Palladium-Catalyzed O-Glycosylation Using Glycals. <i>Journal of the American Chemical Society</i> , 2004, 126, 1336-1337.  | 13.7 | 163       |
| 34 | 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       |
| 35 | 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       |
| 36 | $\beta$ -Alkoxyacrylates in radical cyclizations: Remarkably efficient oxacycle synthesis. <i>Tetrahedron Letters</i> , 1993, 34, 4831-4834.  | 1.4  | 98        |