

# Seung Hwan Cho

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/384491/publications.pdf>

Version: 2024-02-01

55  
papers

8,056  
citations

109321

35  
h-index

155660

55  
g-index

60  
all docs

60  
docs citations

60  
times ranked

5395  
citing authors

#	ARTICLE	IF	CITATIONS
1	Defluorinative C–C Bond-Forming Reaction of Trifluoromethyl Alkenes with <i>gem</i> -(Diborylalkyl)lithiums. <i>Organic Letters</i> , 2022, 24, 2705-2710.	4.6	19
2	Kinetic Resolution of $\pm$ -Silyl-Substituted Allylboronate Esters via Chemo- and Stereoselective Allylboration of Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2371-2376.	4.3	14
3	Advances in transition metal-free deborylative transformations of <i>gem</i> -diborylalkanes. <i>Chemical Communications</i> , 2021, 57, 4346-4353.	4.1	46
4	Pd-Catalyzed Negishi Cross-Coupling of Vinyl Bromides with Diborylmethylzinc Chloride. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 499-501.	1.9	1
5	Copper-Catalyzed Enantiotopic-Group-Selective Allylation of <i>gem</i> -Diborylalkanes. <i>Journal of the American Chemical Society</i> , 2021, 143, 1069-1077.	13.7	41
6	Catalytic Chemo- and Enantioselective Transformations of <i>gem</i> -Diborylalkanes and (Diborylmethyl)metallic Species. <i>Accounts of Chemical Research</i> , 2021, 54, 3917-3929.	15.6	55
7	Highly Mesoporous Metal-Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. <i>Angewandte Chemie</i> , 2020, 132, 3444-3450.	2.0	25
8	Highly Mesoporous Metal-Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 3416-3422.	13.8	75
9	Cobalt-Catalyzed Defluorosilylation of Aryl Fluorides via Grignard Reagent Formation. <i>Organic Letters</i> , 2020, 22, 7387-7392.	4.6	19
10	Facile Synthesis of $\pm$ -Boryl-Substituted Allylboronate Esters Using Stable Bis[(pinacolato)boryl]methylzinc Reagents. <i>Organic Letters</i> , 2020, 22, 2476-2480.	4.6	16
11	ZnMe <sub>2</sub> -Mediated, Direct Alkylation of Electron-Deficient N-Heteroarenes with 1,1-Diborylalkanes: Scope and Mechanism. <i>Journal of the American Chemical Society</i> , 2020, 142, 13235-13245.	13.7	34
12	Frontispiz: Highly Mesoporous Metal-Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. <i>Angewandte Chemie</i> , 2020, 132, .	2.0	0
13	Frontispiece: Highly Mesoporous Metal-Organic Frameworks as Synergistic Multimodal Catalytic Platforms for Divergent Cascade Reactions. <i>Angewandte Chemie - International Edition</i> , 2020, 59, .	13.8	0
14	Copper-Catalyzed Diastereoselective and Enantioselective Addition of 1,1-Diborylalkanes to Cyclic Ketimines and $\pm$ -Imino Esters. <i>ACS Catalysis</i> , 2019, 9, 8503-8508.	11.2	49
15	Chemoselective Palladium-Catalyzed Suzuki-Miyaura Cross-Coupling of (Diborylmethyl)silanes with Alkenyl Bromides. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 1664-1667.	2.7	8
16	Palladium-Catalyzed Chemoselective Negishi Cross-Coupling of Bis[(pinacolato)boryl]methylzinc Halides with Aryl (Pseudo)Halides. <i>Organic Letters</i> , 2019, 21, 5912-5916.	4.6	27
17	Improved Synthesis of $\beta^2$ -Aminoboronate Esters via Copper-Catalyzed Diastereo- and Enantioselective Addition of 1,1-Diborylalkanes to Acyclic Arylaldimines. <i>Organic Process Research and Development</i> , 2019, 23, 1663-1668.	2.7	23
18	Access to Enantioenriched Benzylic 1,1-Silylboronate Esters by Palladium-Catalyzed Enantiotopic-Group Selective Suzuki-Miyaura Coupling of (Diborylmethyl)silanes with Aryl Iodides. <i>ACS Catalysis</i> , 2019, 9, 230-235.	11.2	51

#	ARTICLE	IF	CITATIONS
19	Direct Aryl–Aryl Coupling without Pre–Functionalization Enabled by Excessive Oxidation of Two–Electron Ag(I)/Ag(III) Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2032-2042.	4.3	5
20	Generation and Application of (Diborylmethyl)zinc(II) Species: Access to Enantioenriched <i>gem</i> -Diborylalkanes by an Asymmetric Allylic Substitution. <i>Angewandte Chemie</i> , 2018, 130, 13112-13116.	2.0	20
21	Generation and Application of (Diborylmethyl)zinc(II) Species: Access to Enantioenriched <i>gem</i> -Diborylalkanes by an Asymmetric Allylic Substitution. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12930-12934.	13.8	76
22	Spontaneous Pt Deposition on Defective Surfaces of In <sub>2</sub> O <sub>3</sub> Nanocrystals Confined within Cavities of Hollow Silica Nanoshells: Pt Catalyst-Modified ITO Electrode with Enhanced ECL Performance. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 20728-20737.	8.0	7
23	Base-promoted, deborylative secondary alkylation of N-heteroaromatic N-oxides with internal <i>gem</i> -bis[(pinacolato)boryl]alkanes: a facile derivatization of 2,2–bipyridyl analogues. <i>Chemical Communications</i> , 2017, 53, 7573-7576.	4.1	65
24	Chemoselective Coupling of 1,1-Bis[(pinacolato)boryl]alkanes for the Transition-Metal-Free Borylation of Aryl and Vinyl Halides: A Combined Experimental and Theoretical Investigation. <i>Journal of the American Chemical Society</i> , 2017, 139, 976-984.	13.7	61
25	Confined Nucleation and Growth of PdO Nanocrystals in a Seed-Free Solution inside Hollow Nanoreactor. <i>ACS Applied Materials &amp; Interfaces</i> , 2017, 9, 29992-30001.	8.0	8
26	Concave Silica Nanosphere with a Functionalized Open-Mouthed Cavity as Highly Active and Durable Catalytic Nanoreactor. <i>Chemistry of Materials</i> , 2017, 29, 7785-7793.	6.7	14
27	Diastereo- and Enantioselective Synthesis of <sup>12</sup> C-Aminoboronate Esters by Copper(I)-Catalyzed 1,2-Addition of 1,1-Bis[(pinacolato)boryl]alkanes to Imines. <i>Angewandte Chemie</i> , 2017, 129, 11742-11746.	2.0	33
28	Chemo- and Stereoselective Crotylation of Aldehydes and Cyclic Aldimines with Allylic <i>gem</i> -Diboronate Ester. <i>Organic Letters</i> , 2017, 19, 4054-4057.	4.6	61
29	Diastereo- and Enantioselective Synthesis of <sup>12</sup> C-Aminoboronate Esters by Copper(I)-Catalyzed 1,2-Addition of 1,1-Bis[(pinacolato)boryl]alkanes to Imines. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 11584-11588.	13.8	98
30	Synthesis of Branched Alkylboronates by Copper-Catalyzed Allylic Substitution Reactions of Allylic Chlorides with 1,1-Diborylalkanes. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1498-1501.	13.8	109
31	Recent Developments in the Direct Methylation of Electron-Deficient N-Heteroarenes. <i>Synlett</i> , 2016, 27, 2525-2529.	1.8	15
32	Transition-Metal-Free Regioselective Alkylation of Pyridine <i>N</i> -Oxides Using 1,1-Diborylalkanes as Alkylating Reagents. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9690-9694.	13.8	169
33	Transition-Metal-Free Regioselective Alkylation of Pyridine <i>N</i> -Oxides Using 1,1-Diborylalkanes as Alkylating Reagents. <i>Angewandte Chemie</i> , 2016, 128, 9842-9846.	2.0	63
34	Synthesis of Branched Alkylboronates by Copper-Catalyzed Allylic Substitution Reactions of Allylic Chlorides with 1,1-Diborylalkanes. <i>Angewandte Chemie</i> , 2016, 128, 1520-1523.	2.0	33
35	Copper-Catalyzed Diastereoselective Addition of Diborylmethane to <i>N</i> - <i>tert</i> -Butanesulfinyl Aldimines: Synthesis of <sup>12</sup> C-Aminoboronates. <i>Organic Letters</i> , 2016, 18, 1210-1213.	4.6	80
36	Iridium-Catalyzed, Hydrosilyl-Directed Borylation of Unactivated Alkyl C–H Bonds. <i>Journal of the American Chemical Society</i> , 2016, 138, 762-765.	13.7	72

#	ARTICLE	IF	CITATIONS
37	Iridium-catalyzed diborylation of benzylic C-H bonds directed by a hydrosilyl group: synthesis of 1,1-benzylboronate esters. <i>Chemical Science</i> , 2014, 5, 694-698.	7.4	122
38	Iridium-Catalyzed Borylation of Secondary Benzylic C-H Bonds Directed by a Hydrosilane. <i>Journal of the American Chemical Society</i> , 2013, 135, 8157-8160.	13.7	102
39	Rhodium-Catalyzed Intermolecular Amidation of Arenes with Sulfonyl Azides via Chelation-Assisted C-H Bond Activation. <i>Journal of the American Chemical Society</i> , 2012, 134, 9110-9113.	13.7	430
40	A Versatile Rhodium(I) Catalyst System for the Addition of Heteroarenes to both Alkenes and Alkynes by a C-H Bond Activation. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 3677-3681.	13.8	151
41	Intramolecular Oxidative Diamination and Aminohydroxylation of Olefins under Metal-Free Conditions. <i>Organic Letters</i> , 2012, 14, 1424-1427.	4.6	94
42	Recent advances in the transition metal-catalyzed twofold oxidative C-H bond activation strategy for C-C and C-N bond formation. <i>Chemical Society Reviews</i> , 2011, 40, 5068.	38.1	2,200
43	Intermolecular Oxidative C-N Bond Formation under Metal-Free Conditions: Control of Chemoselectivity between Aryl $sp^2$ and Benzylic $sp^3$ C-H Bond Imidation. <i>Journal of the American Chemical Society</i> , 2011, 133, 16382-16385.	13.7	365
44	Intramolecular Oxidative C-N Bond Formation for the Synthesis of Carbazoles: Comparison of Reactivity between the Copper-Catalyzed and Metal-Free Conditions. <i>Journal of the American Chemical Society</i> , 2011, 133, 5996-6005.	13.7	484
45	Cobalt- and Manganese-Catalyzed Direct Amination of Azoles under Mild Reaction Conditions and the Mechanistic Details. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9899-9903.	13.8	237
46	Silver-Mediated Direct Amination of Benzoxazoles: Tuning the Amino Group Source from Formamides to Parent Amines. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9127-9130.	13.8	274
47	Room Temperature Copper-Catalyzed $\alpha$ -Functionalization of Pyrrole Rings by a Three-Component Coupling Reaction. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2836-2839.	13.8	126
48	Palladium-Catalyzed C-H Functionalization of Pyridine <i>N</i> -Oxides: Highly Selective Alkenylation and Direct Arylation with Unactivated Arenes. <i>Journal of the American Chemical Society</i> , 2008, 130, 9254-9256.	13.7	651
49	Cu-Facilitated C-O Bond Formation Using <i>N</i> -Hydroxyphthalimide: Efficient and Selective Functionalization of Benzyl and Allylic C-H Bonds. <i>Journal of the American Chemical Society</i> , 2008, 130, 7824-7825.	13.7	155
50	Synthesis of Condensed Pyrroloindoles via Pd-Catalyzed Intramolecular C-H Bond Functionalization of Pyrroles. <i>Journal of the American Chemical Society</i> , 2008, 130, 16158-16159.	13.7	144
51	Evaluation of catalytic activity of copper salts and their removal processes in the three-component coupling reactions. <i>Pure and Applied Chemistry</i> , 2008, 80, 873-879.	1.9	24
52	Rate-Accelerated Nonconventional Amide Synthesis in Water: A Practical Catalytic Aldol-Surrogate Reaction. <i>Angewandte Chemie - International Edition</i> , 2007, 46, 1897-1900.	13.8	117
53	Catalytic One-Pot Synthesis of Cyclic Amidines by Virtue of Tandem Reactions Involving Intramolecular Hydroamination under Mild Conditions. <i>Journal of the American Chemical Society</i> , 2006, 128, 12366-12367.	13.7	124
54	A Facile Access to <i>N</i> -Sulfonylimidates and Their Synthetic Utility for the Transformation to Amidines and Amides. <i>Organic Letters</i> , 2006, 8, 1347-1350.	4.6	185

#	ARTICLE	IF	CITATIONS
55	Copper-Catalyzed Hydrative Amide Synthesis with Terminal Alkyne, Sulfonyl Azide, and Water. <i>Journal of the American Chemical Society</i> , 2005, 127, 16046-16047.	13.7	412