

# Yunmi Lee

## List of Publications by Year in descending order

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Version: 2024-02-01

42  
papers

1,818  
citations

516710

16  
h-index

265206

42  
g-index

44  
all docs

44  
docs citations

44  
times ranked

1703  
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Boron <sup>+</sup> Copper Additions to Aryl-Substituted Alkenes Promoted by NHC <sup>-</sup> Based Catalysts. Enantioselective Cu-Catalyzed Hydroboration Reactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 3160-3161.	13.7	330
2	Vicinal Diboronates in High Enantiomeric Purity through Tandem Site-Selective NHC <sup>-</sup> Cu-Catalyzed Boron <sup>+</sup> Copper Additions to Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2009, 131, 18234-18235.	13.7	230
3	Highly Site- and Enantioselective Cu-Catalyzed Allylic Alkylation Reactions with Easily Accessible Vinylaluminum Reagents. <i>Journal of the American Chemical Society</i> , 2008, 130, 446-447.	13.7	207
4	Synthesis of Quaternary Carbon Stereogenic Centers through Enantioselective Cu-Catalyzed Allylic Substitutions with Vinylaluminum Reagents. <i>Journal of the American Chemical Society</i> , 2010, 132, 14315-14320.	13.7	165
5	Stereogenic-at-Metal Zn- and Al-Based N-Heterocyclic Carbene (NHC) Complexes as Bifunctional Catalysts in Cu-Free Enantioselective Allylic Alkylations. <i>Journal of the American Chemical Society</i> , 2009, 131, 11625-11633.	13.7	133
6	Lewis Base Activation of Grignard Reagents with N-Heterocyclic Carbenes. Cu-Free Catalytic Enantioselective Additions to $\beta$ -Chloro- $\alpha,\beta$ -Unsaturated Esters. <i>Journal of the American Chemical Society</i> , 2006, 128, 15604-15605.	13.7	111
7	Copper-Catalyzed Aza-Michael Addition of Aromatic Amines or Aromatic Aza-Heterocycles to $\alpha,\beta$ -Unsaturated Olefins. <i>Journal of Organic Chemistry</i> , 2016, 81, 4048-4057.	3.2	67
8	Anti-inflammatory activities and mechanisms of <i>Artemisia asiatica</i> ethanol extract. <i>Journal of Ethnopharmacology</i> , 2014, 152, 487-496.	4.1	63
9	$\alpha$ -N-Heterocyclic Carbene-Based Conducting Polymer-Gold Nanoparticle Hybrids and Their Catalytic Application. <i>Macromolecules</i> , 2014, 47, 6566-6571.	4.8	55
10	Copper-Catalyzed Electrophilic Amination of Heteroarenes via C-H Alkylation. <i>Journal of Organic Chemistry</i> , 2015, 80, 10244-10251.	3.2	41
11	Rescuing Auxotrophic Microorganisms with Nonenzymatic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11800-11803.	13.8	32
12	Total Synthesis of Isohericerin, Isohericenone, and Erinacerin A: Development of a Copper-Catalyzed Methylboronation of Terminal Alkynes. <i>Journal of Organic Chemistry</i> , 2017, 82, 6349-6357.	3.2	31
13	Copper-Catalyzed Aza-Michael Addition of 2-Aminobenzoate to $\alpha,\beta$ -Substituted $\alpha,\beta$ -Unsaturated Ketones: One-Pot Synthesis of 3-Carbonyl-2-Substituted Quinolin-4(1 <i>H</i> )-ones. <i>Journal of Organic Chemistry</i> , 2018, 83, 2694-2705.	3.2	29
14	(5-Hydroxy-4-oxo-4H-pyran-2-yl)methyl 6-hydroxynaphthalene-2-carboxylate, a kojic acid derivative, inhibits inflammatory mediator production via the suppression of Syk/Src and NF- $\kappa$ B activation. <i>International Immunopharmacology</i> , 2014, 20, 37-45.	3.8	21
15	Small molecule-mediated up-regulation of microRNA targeting a key cell death modulator BNIP3 improves cardiac function following ischemic injury. <i>Scientific Reports</i> , 2016, 6, 23472.	3.3	18
16	Suppressing $\pi$ - $\pi$ stacking interactions for enhanced solid-state emission of flat aromatic molecules via edge functionalization with picket-fence-type groups. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17289-17296.	5.5	16
17	4-Isopropyl-2,6-bis(1-phenylethyl)aniline 1, an Analogue of KTH-13 Isolated from <i>Cordyceps bassiana</i> , Inhibits the NF- $\kappa$ B-Mediated Inflammatory Response. <i>Mediators of Inflammation</i> , 2015, 2015, 1-10.	3.0	15
18	Isoprenylcysteine Carboxyl Methyltransferase and Its Substrate Ras Are Critical Players Regulating TLR-Mediated Inflammatory Responses. <i>Cells</i> , 2020, 9, 1216.	4.1	14

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19	Pro-Apoptotic Activity of 4-Isopropyl-2-(1-Phenylethyl) Aniline Isolated from <i>Cordyceps bassiana</i> . <i>Biomolecules and Therapeutics</i> , 2015, 23, 367-373.	2.4	13
20	Binaphthyl-based molecular barrier materials for phosphoric acid poisoning in high-temperature proton exchange membrane fuel cells. <i>RSC Advances</i> , 2016, 6, 60749-60755.	3.6	12
21	Physicochemical factors that affect electroporation of lung cancer and normal cell lines. <i>Biochemical and Biophysical Research Communications</i> , 2019, 517, 703-708.	2.1	12
22	Copper-Catalyzed Intermolecular Hydroamination of Arylamines or Aza-Heterocycles with Nitrostyrene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1071-1083.	4.3	12
23	Copper-Catalyzed Regio- and Stereoselective 1,6-Conjugate Addition of Aza-Heterocycles to 1-Sulfonyl-1,3-dienes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 572-584.	4.3	10
24	Isoliquiritigenin Derivatives Inhibit RANKL-Induced Osteoclastogenesis by Regulating p38 and NF- $\kappa$ B Activation in RAW 264.7 Cells. <i>Molecules</i> , 2020, 25, 3908.	3.8	10
25	Stereoselective Formal Hydroamidation of Si-Substituted Arylacetylenes with DIBAL-H and Isocyanates: Synthesis of ( <i>E</i> )- and ( <i>Z</i> )- $\beta$ -Silyl- $\beta$ , $\gamma$ -unsaturated Amides. <i>Journal of Organic Chemistry</i> , 2020, 85, 12024-12035.	3.2	10
26	Anti-Proliferative and Pro-Apoptotic Activities of 4-Methyl-2,6-bis(1-phenylethyl)phenol in Cancer Cells. <i>Biomolecules and Therapeutics</i> , 2016, 24, 402-409.	2.4	10
27	Copper-Catalyzed Hydroamination of Oxa- and Azabenzonorbornadienes with Pyrazoles. <i>Journal of Organic Chemistry</i> , 2022, 87, 569-578.	3.2	10
28	Copper-Catalyzed Hydroalumination of Allenes with Diisobutylaluminum Hydride: Synthesis of Allylic Ketones with $\beta$ -Quaternary Centers via Tandem Allylation/Oppenauer Oxidation. <i>Organic Letters</i> , 2020, 22, 5806-5810.	4.6	9
29	KO $\tau$ -Bu-Catalyzed Chemo- and Regioselective Hydroamination of Allylic Sulfones with Indoles. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 125-137.	2.4	8
30	Annulated Borepin-1-ol: Coordinative Control of Aromaticity and Photophysical Properties. <i>Chemistry Letters</i> , 2014, 43, 1432-1434.	1.3	7
31	Synthesis and antitumor activity of ( $\beta$ )-bassianolide in MDA-MB 231 breast cancer cells through cell cycle arrest. <i>Bioorganic Chemistry</i> , 2016, 69, 64-70.	4.1	7
32	One-pot Synthesis of Highly Functionalizable 3-(Phenylsulfonyl)-2,3-dihydro-4( <i>H</i> )-quinolinones via a Cu-catalyzed Aza-Michael Addition/Cyclization Reaction. <i>Chemistry Letters</i> , 2016, 45, 1356-1358.	1.3	7
33	Enhancement of Photoinduced Electron Transfer in Self-Assembled Polymer Films Using Mixed Metal-Terpyridine Complexes. <i>Macromolecules</i> , 2015, 48, 1621-1626.	4.8	6
34	4-(Tert-butyl)-2,6-bis(1-phenylethyl)phenol induces pro-apoptotic activity. <i>Korean Journal of Physiology and Pharmacology</i> , 2016, 20, 253.	1.2	6
35	Cu-Catalyzed electrophilic amination of internal alkynes via hydroalumination. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 790-795.	2.8	6
36	Copper-Catalyzed Propargylic Reduction with Diisobutylaluminum Hydride. <i>Organic Letters</i> , 2018, 20, 5478-5481.	4.6	6

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37	Isoprenylcysteine carboxyl methyltransferase inhibitors exerts anti-inflammatory activity. <i>Biochemical Pharmacology</i> , 2020, 182, 114219.	4.4	6
38	Synthesis of alkynamides through reaction of alkyl- or aryl-substituted alkynylaluminums with isocyanates. <i>Organic and Biomolecular Chemistry</i> , 2021, 20, 139-151.	2.8	6
39	Antiproliferative and Apoptosis-Inducing Activities of 4-Isopropyl-2,6-bis(1-phenylethyl)phenol Isolated from Butanol Fraction of <i>Cordyceps bassiana</i> . <i>Evidence-based Complementary and Alternative Medicine</i> , 2015, 2015, 1-10.	1.2	5
40	Torsionally Responsive Tropone-Fused Conjugated Polymers. <i>Macromolecules</i> , 2015, 48, 7015-7023.	4.8	5
41	Copper-catalyzed Electrophilic Amination of Benzoxazoles via Magnesation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3045-3050.	2.4	5
42	Copper-catalyzed Regioselective Hydroaminations of Allylic Sulfones With Aromatic Amines. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 699-708.	1.9	4