

Yunmi Lee

List of Publications by Year in descending order

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42
papers

1,818
citations

516710

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h-index

265206

42
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times ranked

1703
citing authors

#	ARTICLE	IF	CITATIONS
1	Copper-Catalyzed Hydroamination of Oxa- and Azabenzonorbornadienes with Pyrazoles. <i>Journal of Organic Chemistry</i> , 2022, 87, 569-578.	3.2	10
2	KO t â€œCuâ€œ-Catalyzed Chemoâ€œand Regioselective Hydroamination of Allylic Sulfones with Indoles. <i>European Journal of Organic Chemistry</i> , 2021, 2021, 125-137.	2.4	8
3	Copperâ€œcatalyzed Regioselective Hydroaminations of Allylic Sulfones With Aromatic Amines. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 699-708.	1.9	4
4	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
5	Copperâ€œCatalyzed Regioâ€œand Stereoselective 1,6â€œConjugate Addition of Azaâ€œHeterocycles to 1â€œSulfonylâ€œ1,3â€œdienes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 572-584.	4.3	10
6	Copper-Catalyzed Hydroalumination of Allenes with Diisobutylaluminum Hydride: Synthesis of Allylic Ketones with Î±-Quaternary Centers via Tandem Allylation/Oppenauer Oxidation. <i>Organic Letters</i> , 2020, 22, 5806-5810.	4.6	9
7	Suppressing Î³â€œÎ³ stacking interactions for enhanced solid-state emission of flat aromatic molecules<i>via</i> edge functionalization with picket-fence-type groups. <i>Journal of Materials Chemistry C</i> , 2020, 8, 17289-17296.	5.5	16
8	Isoprenylcysteine carboxyl methyltransferase inhibitors exerts anti-inflammatory activity. <i>Biochemical Pharmacology</i> , 2020, 182, 114219.	4.4	6
9	Isoliquiritigenin Derivatives Inhibit RANKL-Induced Osteoclastogenesis by Regulating p38 and NF-Î²B Activation in RAW 264.7 Cells. <i>Molecules</i> , 2020, 25, 3908.	3.8	10
10	Stereoselective Formal Hydroamidation of Si-Substituted Arylacetylenes with DIBAL-H and Isocyanates: Synthesis of (<i>E</i>)- and (<i>Z</i>)-Î±-Silyl-Î±,Î²-unsaturated Amides. <i>Journal of Organic Chemistry</i> , 2020, 85, 12024-12035.	3.2	10
11	Isoprenylcysteine Carboxyl Methyltransferase and Its Substrate Ras Are Critical Players Regulating TLR-Mediated Inflammatory Responses. <i>Cells</i> , 2020, 9, 1216.	4.1	14
12	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
13	Copperâ€œCatalyzed Electrophilic Amination of Benzoxazoles via Magnesation. <i>European Journal of Organic Chemistry</i> , 2019, 2019, 3045-3050.	2.4	5
14	Copperâ€œCatalyzed Intermolecular Hydroamination of Arylamines or Azaâ€œHeterocycles with Nitrostyrene Derivatives. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 1071-1083.	4.3	12
15	Copper-Catalyzed Aza-Michael Addition of 2-Aminobenzoate to Î²-Substituted Î±,Î²-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
16	Copper-Catalyzed Propargylic Reduction with Diisobutylaluminum Hydride. <i>Organic Letters</i> , 2018, 20, 5478-5481.	4.6	6
17	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
18	Cu-Catalyzed electrophilic amination of internal alkynes via hydroalumination. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 790-795.	2.8	6

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19	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
20	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
21	Copper-Catalyzed Aza-Michael Addition of Aromatic Amines or Aromatic Aza-Heterocycles to β,β' -Unsaturated Olefins. <i>Journal of Organic Chemistry</i> , 2016, 81, 4048-4057.	3.2	67
22	Synthesis and antitumor activity of (α')-bassianolide in MDA-MB 231 breast cancer cells through cell cycle arrest. <i>Bioorganic Chemistry</i> , 2016, 69, 64-70.	4.1	7
23	One-pot Synthesis of Highly Functionalizable 3-(Phenylsulfonyl)-2,3-dihydro-4(1 <i>H</i>)-quinolinones via a Cu-catalyzed Aza-Michael Addition/Cyclization Reaction. <i>Chemistry Letters</i> , 2016, 45, 1356-1358.	1.3	7
24	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
25	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
26	4-Isopropyl-2,6-bis(1-phenylethyl)aniline 1, an Analogue of KTH-13 Isolated from <i>Cordyceps bassiana</i> , Inhibits the NF- κ B-Mediated Inflammatory Response. <i>Mediators of Inflammation</i> , 2015, 2015, 1-10.	3.0	15
27	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
28	Enhancement of Photoinduced Electron Transfer in Self-Assembled Polymer Films Using Mixed Metal- π -Terpyridine Complexes. <i>Macromolecules</i> , 2015, 48, 1621-1626.	4.8	6
29	Copper-Catalyzed Electrophilic Amination of Heteroarenes via C-H Alumination. <i>Journal of Organic Chemistry</i> , 2015, 80, 10244-10251.	3.2	41
30	Torsionally Responsive Tropone-Fused Conjugated Polymers. <i>Macromolecules</i> , 2015, 48, 7015-7023.	4.8	5
31	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
32	Anti-inflammatory activities and mechanisms of <i>Artemisia asiatica</i> ethanol extract. <i>Journal of Ethnopharmacology</i> , 2014, 152, 487-496.	4.1	63
33	<i>N</i> -Heterocyclic Carbene-Based Conducting Polymer-Gold Nanoparticle Hybrids and Their Catalytic Application. <i>Macromolecules</i> , 2014, 47, 6566-6571.	4.8	55
34	(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- κ B activation. <i>International Immunopharmacology</i> , 2014, 20, 37-45.	3.8	21
35	Annulated Borepin-1-ol: Coordinative Control of Aromaticity and Photophysical Properties. <i>Chemistry Letters</i> , 2014, 43, 1432-1434.	1.3	7
36	Rescuing Auxotrophic Microorganisms with Nonenzymatic Chemistry. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11800-11803.	13.8	32

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37	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
38	Vicinal Diboronates in High Enantiomeric Purity through Tandem Site-Selective NHC-Cu-Catalyzed Boron-Copper Additions to Terminal Alkynes. <i>Journal of the American Chemical Society</i> , 2009, 131, 18234-18235.	13.7	230
39	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
40	Efficient Boron-Copper Additions to Aryl-Substituted Alkenes Promoted by NHC-Based Catalysts. Enantioselective Cu-Catalyzed Hydroboration Reactions. <i>Journal of the American Chemical Society</i> , 2009, 131, 3160-3161.	13.7	330
41	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
42	Lewis Base Activation of Grignard Reagents with N-Heterocyclic Carbenes. Cu-Free Catalytic Enantioselective Additions to β -Chloro- α,β -Unsaturated Esters. <i>Journal of the American Chemical Society</i> , 2006, 128, 15604-15605.	13.7	111