

Young Ho Rhee

List of Publications by Year in descending order

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1,791
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304743

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docs citations

82
times ranked

1456
citing authors

#	ARTICLE	IF	CITATIONS
1	A Ru Catalyzed Divergence: Oxidative Cyclization vs Cycloisomerization of Bis-homopropargylic Alcohols. <i>Journal of the American Chemical Society</i> , 2002, 124, 2528-2533.	13.7	182
2	A Rh(I)-Catalyzed Cycloisomerization of Homo- and Bis-homopropargylic Alcohols. <i>Journal of the American Chemical Society</i> , 2003, 125, 7482-7483.	13.7	133
3	Stereodefined <i>cis</i> -N,O-Acetals: Pd-Catalyzed Synthesis from Homopropargylic Amines and Utility in the Flexible Synthesis of 2,6-Substituted Piperidines. <i>Journal of the American Chemical Society</i> , 2012, 134, 4011-4014.	13.7	110
4	Gold(I)-Catalyzed Cycloisomerization of 3-Methoxy-1,6-enynes Featuring Tandem Cyclization and [3,3]-Sigmatropic Rearrangement. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2263-2266.	13.8	97
5	Pd-Catalyzed Asymmetric Intermolecular Hydroalkoxylation of Allene: An Entry to Cyclic Acetals with Activating Group-Free and Flexible Anomeric Control. <i>Journal of the American Chemical Society</i> , 2014, 136, 13618-13621.	13.7	86
6	Formal Alkyne Aza-Prins Cyclization: Gold(I)-Catalyzed Cycloisomerization of Mixed N,O-Acetals Generated from Homopropargylic Amines to Highly Substituted Piperidines. <i>Journal of the American Chemical Society</i> , 2009, 131, 14660-14661.	13.7	85
7	Characterization and Utility of <i>N</i> -Unsubstituted Imines Synthesized from Alkyl Azides by Ruthenium Catalysis. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 10851-10855.	13.8	68
8	C-H Activation Guided by Aromatic N-H Ketimines: Synthesis of Functionalized Isoquinolines Using Benzyl Azides and Alkynes. <i>Journal of Organic Chemistry</i> , 2014, 79, 9094-9103.	3.2	65
9	Synthetic Strategy for Cyclic Amines: A Stereodefined Cyclic N,O-Acetal as a Stereocontrol and Diversity-Generating Element. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 12055-12058.	13.8	60
10	Versatile Construction of 6-Substituted <i>cis</i> -2,8-Dioxabicyclo[3.3.0]octan-3-ones: Short Enantioselective Total Syntheses of Cheloviolenes A and B and Dendrillolide C. <i>Journal of the American Chemical Society</i> , 2017, 139, 7192-7195.	13.7	53
11	Short Enantioselective Total Syntheses of Cheloviolenes A and B and Dendrillolide C via Convergent Fragment Coupling Using a Tertiary Carbon Radical. <i>Journal of Organic Chemistry</i> , 2018, 83, 6958-6976.	3.2	44
12	A Flexible Approach toward <i>trans</i> -Fused Polycyclic Tetrahydropyrans. A Synthesis of Pymnesin and Yessotoxin Units. <i>Organic Letters</i> , 2004, 6, 4311-4313.	4.6	43
13	Palladium-Catalyzed Asymmetric Nitrogen-Selective Addition Reaction of Indoles to Alkoxyallenes. <i>Organic Letters</i> , 2018, 20, 1248-1251.	4.6	36
14	De Novo Synthesis of Furanose Sugars: Catalytic Asymmetric Synthesis of Apiose and Apiose-Containing Oligosaccharides. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 9733-9737.	13.8	35
15	Gold(I)-Catalyzed Access to Tetrahydropyran-4-ones from 4-(Alkoxyalkyl)oxy-1-butyne: Formal Catalytic Petasis-Ferrier Rearrangement. <i>Chemistry - A European Journal</i> , 2011, 17, 1433-1436.	3.3	34
16	A Flexible Metal-Catalyzed Synthesis of Highly Substituted Aryl Phenanthrenyl Selenides. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 460-464.	2.4	31
17	Gold(I)-Catalyzed Synthesis of Highly Substituted 2-Cyclopentenones from 5-Siloxy-pent-3-en-1-ynes. <i>Chemistry - A European Journal</i> , 2009, 15, 11837-11841.	3.3	30
18	Pd-Catalyzed Regioselective Asymmetric Addition Reaction of Unprotected Pyrimidines to Alkoxyallene. <i>Organic Letters</i> , 2017, 19, 4684-4687.	4.6	29

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19	Entry to $\hat{1}^2$ -Alkoxyacrylates via Gold-Catalyzed Intermolecular Coupling of Alkynoates and Allylic Ethers. <i>Organic Letters</i> , 2013, 15, 1166-1169.	4.6	26
20	Flexible Total Synthesis of 11-Deoxyandomycins and Their Non-Natural Analogues by Way of Asymmetric Metal Catalysis. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 2349-2353.	13.8	25
21	Total Synthesis of ($\hat{\sim}$)-Crambidine and Definition of the Relative Configuration of Its Unique Tetracyclic Guanidinium Core. <i>Journal of the American Chemical Society</i> , 2005, 127, 15652-15658.	13.7	24
22	A Perspective on the Stereodefined N,O-Acetals: Synthesis and Potential Applications. <i>Synlett</i> , 2012, 23, 2875-2879.	1.8	23
23	Exploiting the Nucleophilicity of Ni ξ H Imines: Synthesis of Enamides from Alkyl Azides and Acid Anhydrides. <i>Advanced Synthesis and Catalysis</i> , 2014, 356, 2769-2774.	4.3	22
24	A Convergent Synthetic Strategy towards Oligosaccharides containing 2,3,6-trideoxypyranoglycosides. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 628-631.	13.8	22
25	Gold(I)-Catalyzed Synthesis of $\hat{1}^3$ -Hydroxyketones from 5-Allyloxy-1-yne. <i>Journal of Organic Chemistry</i> , 2011, 76, 324-327.	3.2	21
26	Highly Efficient and Chemoselective Ruthenium-Catalyzed Hydrosilylation of Aldehydes. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 3363-3366.	4.3	21
27	Synthesis of the Tricyclic Core in Stemonamine Alkaloids via One-Pot Gold(I)-Catalyzed Cyclization and Schmidt Rearrangement: Formal Synthesis of ($\hat{\pm}$)-Stemonamine. <i>Journal of Organic Chemistry</i> , 2014, 79, 11119-11124.	3.2	20
28	Catalytic transformation of esters of 1,2-azido alcohols into $\hat{1}^{\pm}$ -amido ketones. <i>Chemical Communications</i> , 2016, 52, 6549-6552.	4.1	20
29	Flexible Tetrahydropyran Synthesis from Homopropargylic Alcohols Using Sequential Pd-Au Catalysis. <i>Organic Letters</i> , 2017, 19, 242-245.	4.6	20
30	Synthesis of Enamides by Ruthenium-Catalyzed Reaction of Alkyl Azides with Acid Anhydrides in Ionic Liquid. <i>ChemCatChem</i> , 2015, 7, 4030-4034.	3.7	19
31	A Ru-catalyzed one-pot synthesis of homopropargylic amines from alkyl azides under photolytic conditions. <i>RSC Advances</i> , 2014, 4, 20632-20635.	3.6	17
32	Ruthenium Bisamine Complex and Its Reaction with Aryl Azides. <i>Organometallics</i> , 2017, 36, 3471-3476.	2.3	16
33	Novel Catalyst System for Hydrostannation of Alkynes. <i>Chemistry - A European Journal</i> , 2014, 20, 1267-1271.	3.3	15
34	Palladium-Catalyzed Asymmetric Decarboxylative Addition of $\hat{1}^2$ -Keto Acids to Heteroatom-Substituted Allenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 22166-22171.	13.8	15
35	Redox reaction between benzyl azides and aryl azides: concerted synthesis of aryl nitriles and anilines. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 1636-1641.	2.8	14
36	Mass-Balanced $^1\text{H}/^2\text{H}$ Isotope Dipeptide Tag for Simultaneous Protein Quantitation and Identification. <i>Analytical Chemistry</i> , 2008, 80, 6145-6153.	6.5	13

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37	De Novo Synthesis of Furanose Sugars: Catalytic Asymmetric Synthesis of Apiose and Apiose-Containing Oligosaccharides. <i>Angewandte Chemie</i> , 2016, 128, 9885-9889.	2.0	11
38	A racemic formal total synthesis of clavukerin A using gold(I)-catalyzed cycloisomerization of 3-methoxy-1,6-enynes as the key strategy. <i>Beilstein Journal of Organic Chemistry</i> , 2011, 7, 740-743.	2.2	10
39	Access to <i>trans</i> - β ,4-Dihydroxyalkylpyrrolidines and Piperidines by Use of Stereodefined Cyclic <i>N</i> , <i>O</i> -Acetals as a Diversity-Generating Element. <i>Chemistry - A European Journal</i> , 2014, 20, 16391-16396.	3.3	10
40	A concise synthetic method towards ($\hat{\alpha}$)-swainsonine and its 8-epimer by using palladium-catalyzed asymmetric hydroamination of alkoxyallene as the key strategy. <i>Tetrahedron</i> , 2015, 71, 5939-5945.	1.9	10
41	Ru-Catalyzed Chemoselective Olefin Migration Reaction of Cyclic Allylic Acetals to Enol Acetals. <i>Organic Letters</i> , 2018, 20, 979-982.	4.6	10
42	Chemoselective, Isomerization-Free Synthesis of <i>N</i> -Alkylketimines from <i>N</i> -H Imines. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1503-1507.	4.3	9
43	A Convergent Synthesis of the Tetrasaccharide Fragment of the Purported Structure of Durantanin I. <i>Bulletin of the Korean Chemical Society</i> , 2021, 42, 679-682.	1.9	9
44	Fast and Complete Transimination of <i>N</i> -H Imines into <i>N</i> -Alkyl Oximes. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 316-319.	2.7	8
45	Ruthenium-Catalyzed Regioselective Olefin Migration of Dihydropyran Acetals: A <i>De Novo</i> Strategy toward β -2,6-Dideoxypyranoglycosides. <i>Organic Letters</i> , 2020, 22, 2178-2181.	4.6	8
46	Synthesis of Piperidones from Benzyl Azides and Acetone. <i>Bulletin of the Korean Chemical Society</i> , 2014, 35, 3433-3436.	1.9	7
47	Stereoselective Synthesis of Highly Substituted β -Silylamines from Silylmethyl Azides under Ru Catalysis. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7577-7581.	2.4	7
48	A Stereoselective Access to Cyclic <i>cis</i> -1,2-Amino Alcohols from <i>trans</i> -1,2-Azido Alcohol Precursors. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 1398-1404.	4.3	7
49	Synthesis of 1H-azadienes and application to one-pot organic transformations. <i>RSC Advances</i> , 2016, 6, 661-668.	3.6	7
50	Concurrent Formation of <i>N</i> -H Imines and Carbonyl Compounds by Ruthenium-Catalyzed C-C Bond Cleavage of β -Hydroxy Azides. <i>Organic Letters</i> , 2020, 22, 4608-4613.	4.6	7
51	Unique Divergent Reactivity of Boc-Protected Homopropargylic Alkoxyalkylamines in the Gold(I)-Catalyzed Domino Catalytic Reactions: Application to the Formal Synthesis of ($\hat{\alpha}$)-Pseudodistomin B. <i>Synthesis</i> , 2014, 46, 2155-2160.	2.3	6
52	A Convergent Synthetic Strategy towards Oligosaccharides containing 2,3,6-trideoxypyranoglycosides. <i>Angewandte Chemie</i> , 2019, 131, 638-641.	2.0	6
53	Flexible Total Synthesis of 11-Deoxyandomycins and Their Non-Natural Analogues by Way of Asymmetric Metal Catalysis. <i>Angewandte Chemie</i> , 2020, 132, 2369-2373.	2.0	6
54	Synthetic Study toward Saccharomicin Based upon Asymmetric Metal Catalysis. <i>Organic Letters</i> , 2021, 23, 5969-5972.	4.6	6

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55	Palladium-Catalyzed Asymmetric Decarboxylative Addition of β -Keto Acids to Heteroatom-Substituted Allenes. <i>Angewandte Chemie</i> , 2021, 133, 22340-22345.	2.0	6
56	Sequential Metal Catalysis towards 7-Oxostauroporine and Its Non-Natural Septanose Analogue. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	6
57	Aliphatic dipeptide tags for multi-2-plex protein quantification. <i>Analyst</i> , The, 2011, 136, 1614.	3.5	5
58	Zinc-Mediated <i>syn</i> -Selective Crotylation of N-Unsubstituted Imines. <i>Asian Journal of Organic Chemistry</i> , 2017, 6, 441-444.	2.7	5
59	Synthesis of Deoxyaminosugar Cyclohexyl- <i>l</i> -callipeltose and Its Diastereomer Using Pd-Catalyzed Asymmetric Hydroalkoxylation. <i>Journal of Organic Chemistry</i> , 2019, 84, 9353-9357.	3.2	5
60	Convergent Synthesis of Tetrasaccharide Fragment of Cervimycin K. <i>Organic Letters</i> , 2021, 23, 4468-4472.	4.6	4
61	Catalytic Asymmetric Synthesis of Hexahydro-furofuran-3-ol and Its Pyran Derivatives. <i>Organic Letters</i> , 2021, 23, 3584-3587.	4.6	3
62	Formal Synthesis of Racemic Herbertene, $\hat{1}$ -Herbertenol, $\hat{2}$ -Herbertenol and Herbertenone via Gold(I)-Catalyzed Cyclization of 5-Phenyl-5-siloxy-3-en-1-yne. <i>Bulletin of the Korean Chemical Society</i> , 2013, 34, 303-305.	1.9	2
63	Generation of N - 1 H Imines from $\hat{1}$ -Azidocarboxylic Acids through Ru-Catalyzed Decarboxylation. <i>Journal of Organic Chemistry</i> , 2021, 86, 17409-17417.	3.2	1
64	Pd-Catalyzed Umpolung Chemistry of Glycol Acetates and Their [2,3]-Dehydrosugar Isomers. <i>Organic Letters</i> , 2022, 24, 570-574.	4.6	1
65	Synthesis of UV active 2-methylisoborneol for water pollutant detection. <i>Toxicology and Environmental Health Sciences</i> , 2009, 1, 163-168.	2.1	0
66	Flexible Total Synthesis of 11-Deoxylandomycins and Their Non-Natural Analogues by Way of Asymmetric Metal Catalysis (Angew. Chem. 6/2020). <i>Angewandte Chemie</i> , 2020, 132, 2544-2544.	2.0	0
67	Frontispiz: Palladium-Catalyzed Asymmetric Decarboxylative Addition of β -Keto Acids to Heteroatom-Substituted Allenes. <i>Angewandte Chemie</i> , 2021, 133, .	2.0	0
68	Frontispiece: Palladium-Catalyzed Asymmetric Decarboxylative Addition of β -Keto Acids to Heteroatom-Substituted Allenes. <i>Angewandte Chemie - International Edition</i> , 2021, 60, .	13.8	0
69	Sequential Metal Catalysis towards 7-Oxostauroporine and Its Non-Natural Septanose Analogue. <i>Angewandte Chemie</i> , 0, , .	2.0	0