

Ying-Yeung Yeung

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Bromolactonization Using Amino-thiocarbamate Catalyst. <i>Journal of the American Chemical Society</i> , 2010, 132, 15474-15476.	13.7	301
2	A Short Enantioselective Pathway for the Synthesis of the Anti-Influenza Neuramidase Inhibitor Oseltamivir from 1,3-Butadiene and Acrylic Acid. <i>Journal of the American Chemical Society</i> , 2006, 128, 6310-6311.	13.7	257
3	<i>C</i> ₂ -Symmetric Cyclic Selenium-Catalyzed Enantioselective Bromoaminocyclization. <i>Journal of the American Chemical Society</i> , 2013, 135, 1232-1235.	13.7	215
4	Recent advances in stereoselective bromofunctionalization of alkenes using N-bromoamide reagents. <i>Chemical Communications</i> , 2013, 49, 7985.	4.1	212
5	Recent advances in asymmetric intra- and intermolecular halofunctionalizations of alkenes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 2333-2343.	2.8	195
6	Enantioselective Bromoaminocyclization Using Amino- <i>Thiocarbamate Catalysts</i> . <i>Journal of the American Chemical Society</i> , 2011, 133, 9164-9167.	13.7	188
7	Mild Manganese(III) Acetate Catalyzed Allylic Oxidation: Application to Simple and Complex Alkenes. <i>Organic Letters</i> , 2006, 8, 3149-3151.	4.6	183
8	Catalytic Asymmetric Bromoetherification and Desymmetrization of Olefinic 1,3-Diols with <i>C</i> ₂ -Symmetric Sulfides. <i>Journal of the American Chemical Society</i> , 2014, 136, 5627-5630.	13.7	167
9	Enantioselective Bromolactonization Using an <i>S</i> -Alkyl Thiocarbamate Catalyst. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7771-7775.	13.8	154
10	An Enantioselective Approach toward 3,4-Dihydroisocoumarin through the Bromocyclization of Styrene-type Carboxylic Acids. <i>Journal of Organic Chemistry</i> , 2012, 77, 999-1009.	3.2	138
11	A General Process for the Haloamidation of Olefins. Scope and Mechanism. <i>Journal of the American Chemical Society</i> , 2006, 128, 9644-9645.	13.7	137
12	Amino-thiocarbamate-Catalyzed Asymmetric Bromolactonization of 1,2-Disubstituted Olefinic Acids. <i>Organic Letters</i> , 2011, 13, 2738-2741.	4.6	136
13	Conversion of Torgov's Synthesis of Estrone into a Highly Enantioselective and Efficient Process. <i>Journal of the American Chemical Society</i> , 2007, 129, 10346-10347.	13.7	121
14	Enantioselective bromolactonization of cis-1,2-disubstituted olefinic acids using an amino-thiocarbamate catalyst. <i>Chemical Communications</i> , 2012, 48, 5793.	4.1	116
15	Efficient Medium Ring Size Bromolactonization Using a Sulfur-Based Zwitterionic Organocatalyst. <i>Journal of the American Chemical Society</i> , 2012, 134, 16492-16495.	13.7	108
16	Catalytic, Enantioselective, and Highly Chemoselective Bromocyclization of Olefinic Dicarbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 8597-8601.	13.8	90
17	Halogen Bond Catalyzed Bromocarbocyclization. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3483-3487.	13.8	86
18	Desymmetrization of Diolefinic Diols by Enantioselective Amino- <i>thiocarbamate</i> -Catalyzed Bromoetherification: Synthesis of Chiral Spirocycles. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 5161-5164.	13.8	84

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19	Ammonium Salt-Catalyzed Highly Practical <i>ortho</i> -Selective Monohalogenation and Phenylselenation of Phenols: Scope and Applications. <i>ACS Catalysis</i> , 2018, 8, 4033-4043.	11.2	77
20	A highly enantioselective approach towards 2-substituted 3-bromopyrrolidines. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3808.	2.8	75
21	Enantioselective synthesis of 2-substituted and 3-substituted piperidines through a bromoaminocyclization process. <i>Chemical Communications</i> , 2013, 49, 4412-4414.	4.1	74
22	An Unprecedented Method for the Generation of <i>tert</i> -Butylperoxy Radical Using DIB/TBHP Protocol: Solvent Effect and Application on Allylic Oxidation. <i>Organic Letters</i> , 2010, 12, 2128-2131.	4.6	73
23	Stereoselective Bromofunctionalization of Alkenes. <i>Chirality</i> , 2014, 26, 328-343.	2.6	72
24	Accessing Axially Chiral Biaryls via Organocatalytic Enantioselective Dynamic-Kinetic Resolution-Semipinacol Rearrangement. <i>ACS Catalysis</i> , 2017, 7, 4435-4440.	11.2	69
25	Catalytic and Highly Enantioselective Selenolactonization. <i>Organic Letters</i> , 2015, 17, 1660-1663.	4.6	66
26	Applications of Selenonium Cations as Lewis Acids in Organocatalytic Reactions. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 12869-12873.	13.8	65
27	Desymmetrizing Enantio- and Diastereoselective Selenoetherification through Supramolecular Catalysis. <i>ACS Catalysis</i> , 2018, 8, 850-858.	11.2	62
28	Lewis Base Catalyzed Stereo- and Regioselective Bromocyclization. <i>Chemical Record</i> , 2017, 17, 287-311.	5.8	61
29	Carbamate-Catalyzed Enantioselective Bromolactamization. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12102-12106.	13.8	60
30	Highly <i>ortho</i> -Selective Chlorination of Anilines Using a Secondary Ammonium Salt Organocatalyst. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 16101-16105.	13.8	57
31	An Unexpected Oxidation of Unactivated Methylene C-H Using DIB/TBHP Protocol. <i>Organic Letters</i> , 2011, 13, 4308-4311.	4.6	56
32	Zwitterionic-Salt-Catalyzed Site-Selective Monobromination of Arenes. <i>Organic Letters</i> , 2017, 19, 4243-4246.	4.6	51
33	A Simple, Efficient, and Enantiocontrolled Synthesis of a Near-Structural Mimic of Platensimycin. <i>Organic Letters</i> , 2008, 10, 3877-3878.	4.6	49
34	Catalytic enantio- and diastereoselective domino halocyclization and spiroketalization. <i>Nature Catalysis</i> , 2020, 3, 993-1001.	34.4	48
35	Organocatalytic Enantioselective Halolactonizations: Strategies of Halogen Activation. <i>Synlett</i> , 2011, 2011, 1335-1339.	1.8	45
36	N-Bromosuccinimide Promoted One-Pot Synthesis of Guanidine: Scope and Mechanism. <i>Organic Letters</i> , 2011, 13, 5804-5807.	4.6	43

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37	The complexity of a monogenic neurodegenerative disease: More than two decades of therapeutic driven research into Niemann-Pick type C disease. <i>Biochimica Et Biophysica Acta - Molecular and Cell Biology of Lipids</i> , 2019, 1864, 1109-1123.	2.4	42
38	Lewis Basic Sulfide Catalyzed Electrophilic Bromocyclization of Cyclopropylmethyl Amide. <i>Organic Letters</i> , 2015, 17, 4944-4947.	4.6	41
39	Lewis Base-Promoted Ring-Opening, 1,3-Dioxygenation of Unactivated Cyclopropanes Using a Hypervalent Iodine Reagent. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 3782-3786.	13.8	40
40	Studies toward Lewis basic thiocarbamate and thiourea mediated bromolactonization: the effect of a trace amount of water on the reactivity and enantioselectivity. <i>Tetrahedron Letters</i> , 2011, 52, 4892-4895.	1.4	39
41	Halogen-Bond-Catalyzed Addition of Carbon-Based Nucleophiles to <i>N</i> -Acyliminium Ions. <i>Organic Letters</i> , 2019, 21, 5665-5669.	4.6	38
42	<i>N</i> -Bromosuccinimide-Induced Aminocyclization-Aziridine Ring-Expansion Cascade: An Asymmetric and Highly Stereoselective Approach toward the Synthesis of Azepane. <i>Organic Letters</i> , 2014, 16, 2134-2137.	4.6	37
43	Indole-Catalyzed Bromolactonization in Lipophilic Solvent: A Solid-Liquid Phase Transfer Approach. <i>ACS Catalysis</i> , 2015, 5, 4751-4755.	11.2	37
44	Electrophilic Bromolactonization of Cyclopropyl Carboxylic Acids Using Lewis Basic Sulfide Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 1719-1724.	4.3	33
45	Enantioselective Bromolactonization of Deactivated Olefinic Acids. <i>Organic Letters</i> , 2018, 20, 3259-3262.	4.6	33
46	Catalyst-Free and Metal-Free Electrophilic Bromoamidation of Unactivated Olefins Using the <i>N</i> -Bromosuccinimide/Sulfonamide Protocol. <i>Journal of Organic Chemistry</i> , 2015, 80, 2815-2821.	3.2	32
47	Bis-selenonium Cations as Bidentate Chalcogen Bond Donors in Catalysis. <i>ACS Catalysis</i> , 2021, 11, 12632-12642.	11.2	31
48	Catalytic and enantioselective bromoetherification of olefinic 1,3-diols: mechanistic insight. <i>Tetrahedron</i> , 2016, 72, 2683-2689.	1.9	29
49	A Functional, Genome-wide Evaluation of Liposensitive Yeast Identifies the <i>ARE2</i> Required for Viability (ARV1) Gene Product as a Major Component of Eukaryotic Fatty Acid Resistance. <i>Journal of Biological Chemistry</i> , 2014, 289, 4417-4431.	3.4	28
50	Normalization of Hepatic Homeostasis in the <i>Npc1</i> Mouse Model of Niemann-Pick Type C Disease Treated with the Histone Deacetylase Inhibitor Vorinostat. <i>Journal of Biological Chemistry</i> , 2017, 292, 4395-4410.	3.4	28
51	Amide/Iminium Zwitterionic Catalysts for (Trans)esterification: Application in Biodiesel Synthesis. <i>ACS Catalysis</i> , 2019, 9, 8083-8092.	11.2	28
52	Scope and Mechanistic Studies of Electrophilic Alkoxyetherification. <i>Organic Letters</i> , 2011, 13, 6456-6459.	4.6	27
53	Environmentally benign indole-catalyzed position-selective halogenation of thioarenes and other aromatics. <i>Green Chemistry</i> , 2018, 20, 4448-4452.	9.0	27
54	A Catalyst-Controlled Enantiodivergent Bromolactonization. <i>Journal of the American Chemical Society</i> , 2021, 143, 12745-12754.	13.7	26

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55	Trifluoroacetic acid catalyzed highly regioselective bromocyclization of styrene-type carboxylic acid. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 4571-4575.	2.8	25
56	Synthesis of Macrocyclic Ketones through Catalyst-Free Electrophilic Halogen-Mediated Semipinacol Rearrangement: Application to the Total Synthesis of (±)-Muscone. <i>Organic Letters</i> , 2017, 19, 1422-1425.	4.6	24
57	Electrophilic Bromolactonization of Cyclopropyl Diesters Using Lewis Basic Chalcogenide Catalysts. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4306-4311.	4.3	24
58	Molecular sieves as an efficient and recyclable catalyst for bromolactonization and bromoacetylation reactions. <i>Tetrahedron Letters</i> , 2010, 51, 3433-3435.	1.4	23
59	Bioactivity-Guided Metabolite Profiling of Feijoa (<i>Acca sellowiana</i>) Cultivars Identifies 4-Cyclopentene-1,3-dione as a Potent Antifungal Inhibitor of Chitin Synthesis. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 5531-5539.	5.2	19
60	Enantioselective Fluorocyclizations Mediated by Amino Acid-Derived Phthalazine. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 5334-5339.	4.3	19
61	Atmosphere- and Temperature-Controlled Regioselective Aminobromination of Olefins. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 234-239.	4.3	16
62	Applications of Selenonium Cations as Lewis Acids in Organocatalytic Reactions. <i>Angewandte Chemie</i> , 2018, 130, 13051-13055.	2.0	16
63	Zwitterion-Catalyzed Deacylative Dihalogenation of β -Oxo Amides. <i>Organic Letters</i> , 2020, 22, 7353-7357.	4.6	16
64	Zwitterion-Catalyzed Intermolecular Bromoesterifications. <i>Organic Letters</i> , 2020, 22, 5572-5576.	4.6	16
65	Lewis Base-Promoted Ring-Opening 1,3-Dioxygenation of Unactivated Cyclopropanes Using a Hypervalent Iodine Reagent. <i>Angewandte Chemie</i> , 2018, 130, 3844-3848.	2.0	15
66	An unexpected Bromolactamization of Olefinic Amides Using a Three-Component Co-catalyst System. <i>Journal of Organic Chemistry</i> , 2016, 81, 545-552.	3.2	14
67	Halogen Bond Catalyzed Bromocarbocyclization. <i>Angewandte Chemie</i> , 2018, 130, 3541-3545.	2.0	14
68	Highly <i>ortho</i> -Selective Chlorination of Anilines Using a Secondary Ammonium Salt Organocatalyst. <i>Angewandte Chemie</i> , 2016, 128, 16335-16339.	2.0	13
69	Intermolecular Electrophilic Bromoesterification and Bromoetherification of Unactivated Cyclopropanes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 2039-2044.	4.3	13
70	NBS-Initiated Electrophilic Phenoxyetherification of Olefins. <i>Organic Letters</i> , 2013, 15, 1906-1909.	4.6	12
71	An Unexpected 2,3-Dihydrofuran Derivative Ring Opening Initiated by Electrophilic Bromination: Scope and Mechanistic Study. <i>Journal of Organic Chemistry</i> , 2015, 80, 453-459.	3.2	12
72	Zwitterion-Catalyzed Isomerization of Maleic to Fumaric Acid Diesters. <i>Journal of Organic Chemistry</i> , 2021, 86, 1183-1190.	3.2	12

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73	Ring strain-dictated divergent fluorinating Prins cyclization or semipinacol rearrangement. <i>Organic and Biomolecular Chemistry</i> , 2017, 15, 6478-6482.	2.8	11
74	Enantioselective Fluorination of 3-Functionalized Oxindoles Using Electron-Rich Amino Urea Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 4710-4714.	4.3	11
75	Lipophilic Indole-Catalyzed Intermolecular Bromoesterification of Olefins in Nonpolar Media. <i>Journal of Organic Chemistry</i> , 2019, 84, 4017-4024.	3.2	11
76	Boron tribromide as a reagent for anti-Markovnikov addition of HBr to cyclopropanes. <i>Chemical Science</i> , 2020, 11, 9426-9433.	7.4	11
77	Solvent and catalyst-free bromofunctionalization of olefins using a mechanochemical approach. <i>RSC Advances</i> , 2021, 11, 13564-13570.	3.6	11
78	Zwitterion-Induced Organic-Metal Hybrid Catalysis in Aerobic Oxidation. <i>ACS Catalysis</i> , 2021, 11, 3498-3506.	11.2	9
79	Catalytic Enantioselective Halocyclizations to Access Benzoxazepinones and Benzoxazecinones. <i>Organic Letters</i> , 2021, 23, 6316-6320.	4.6	9
80	Lewis Base Catalyzed Dioxygenation of Olefins with Hypervalent Iodine Reagents. <i>Organic Letters</i> , 2021, 23, 8174-8178.	4.6	9
81	Mild and Efficient Vicinal Dibromination of Olefins Mediated by Aqueous Ammonium Fluoride. <i>Synlett</i> , 2018, 29, 419-424.	1.8	8
82	Access to Bromo- β -butenolides via Zwitterion-Catalyzed Rearrangement of Cyclopropene Carboxylic Acids. <i>Organic Letters</i> , 2021, 23, 9533-9537.	4.6	8
83	A convenient method for the synthesis of β -carboxylate ester bromolactones via bromolactonization of alkenoic diesters. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3202-3206.	2.8	7
84	Zwitterion-Catalyzed Amino-Dibromination of Nitroalkenes: Scope, Mechanism, and Application to The Synthesis of Glycinamides. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1131-1140.	2.7	6
85	Autocatalytic aerobic <i>ipso</i> -hydroxylation of arylboronic acid with Hantzsch ester and Hantzsch pyridine. <i>Organic Chemistry Frontiers</i> , 2022, 9, 4091-4096.	4.5	6
86	Metal-Free Allylic Oxidation of Steroids Using TBAI/TBHP Organocatalytic Protocol. <i>Chemistry - an Asian Journal</i> , 2018, 13, 2369-2372.	3.3	4
87	Lipophilic indole mediated chemoselective β -monobromination of 1,3-dicarbonyl compounds. <i>Tetrahedron Letters</i> , 2020, 61, 151772.	1.4	4
88	Recent Advances in C-Br Bond Formation. <i>Synlett</i> , 2021, 32, 1354-1364.	1.8	4
89	Silver Salt-Mediated Allylation Reactions Using Allyl Bromides. <i>Journal of Organic Chemistry</i> , 2021, 86, 6974-6982.	3.2	4