

# Yang Li

## List of Publications by Year in descending order

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39  
papers

1,802  
citations

331670

21  
h-index

330143

37  
g-index

50  
all docs

50  
docs citations

50  
times ranked

1193  
citing authors

#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Olefin Dioxygenation. <i>Journal of the American Chemical Society</i> , 2008, 130, 2962-2964.	13.7	236
2	<i>o</i> -Silylaryl Triflates: A Journey of Kobayashi Aryne Precursors. <i>Chemical Reviews</i> , 2021, 121, 3892-4044.	47.7	201
3	Aryne multifunctionalization with benzdiyne and benztriyne equivalents. <i>Chemical Society Reviews</i> , 2017, 46, 1707-1719.	38.1	177
4	Domino Aryne Precursor: Efficient Construction of 2,4-Disubstituted Benzothiazoles. <i>Journal of the American Chemical Society</i> , 2015, 137, 5670-5673.	13.7	129
5	Aryne 1,2,3-Trifunctionalization with Aryl Allyl Sulfoxides. <i>Journal of the American Chemical Society</i> , 2016, 138, 10814-10817.	13.7	105
6	Strategies toward Aryne Multifunctionalization via 1,2-Benzdiyne and Benzynes. <i>Accounts of Chemical Research</i> , 2020, 53, 508-519.	15.6	89
7	Domino Aryne Annulation via a Nucleophilic Ene Process. <i>Journal of the American Chemical Society</i> , 2018, 140, 3555-3559.	13.7	70
8	Selective Aryne Formation via Grob Fragmentation from the [2+2] Cycloadducts of 3-Triflyloxyarynes. <i>Journal of the American Chemical Society</i> , 2017, 139, 623-626.	13.7	67
9	Diamination of Domino Aryne Precursor with Sulfonamides. <i>Organic Letters</i> , 2016, 18, 3130-3133.	4.6	61
10	Vicinal Diamination of Arenes with Domino Aryne Precursors. <i>Organic Letters</i> , 2016, 18, 3726-3729.	4.6	56
11	Palladium-Catalyzed Intramolecular Carboesterification of Olefins. <i>Angewandte Chemie - International Edition</i> , 2009, 48, 9690-9692.	13.8	54
12	Phosphine-Catalyzed Activation of Alkylidenecyclopropanes: Rearrangement to Form Polysubstituted Furans and Dienones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10698-10702.	13.8	52
13	Phosphine-Catalyzed Activation of Vinylcyclopropanes: Rearrangement of Vinylcyclopropylketones to Cycloheptenones. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 6284-6288.	13.8	48
14	Aryne Trifunctionalization Enabled by 3-Silylaryne as a 1,2-Benzdiyne Equivalent. <i>Organic Letters</i> , 2018, 20, 1919-1923.	4.6	44
15	Theoretical Studies of Ring-Opening Reactions of Phenylcyclobutabenzenol and Its Reactions with Alkynes Catalyzed by Rhodium Complexes. <i>Journal of Organic Chemistry</i> , 2013, 78, 11357-11365.	3.2	38
16	Arene Trifunctionalization with Highly Fused Ring Systems through a Domino Aryne Nucleophilic and Diels-Alder Cascade. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 18513-18518.	13.8	32
17	Synthesis of (Δ±)- and (+)-perovskone. <i>Tetrahedron</i> , 2011, 67, 10129-10146.	1.9	31
18	Aryne 1,2,3,5-Tetrasubstitution Enabled by 3-Silylaryne and Allyl Sulfoxide via an Aromatic 1,3-Silyl Migration. <i>Journal of the American Chemical Society</i> , 2021, 143, 2178-2184.	13.7	28

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19	Design and Synthesis of a Novel Triptycene-Based Ligand for Modeling Carboxylate-Bridged Diiron Enzyme Active Sites. <i>Organic Letters</i> , 2011, 13, 5052-5055.	4.6	25
20	Total Synthesis of (±)-Komaroviquinone. <i>Heterocycles</i> , 2007, 73, 217.	0.7	24
21	Copper-Catalyzed Three-Components Intermolecular Alkylesterification of Styrenes with Toluenes and Peroxyesters or Acids. <i>Organic Letters</i> , 2018, 20, 7594-7597.	4.6	23
22	Benzyne 1,2,4-Trisubstitution and Dearomative 1,2,4-Trifunctionalization. <i>Journal of the American Chemical Society</i> , 2021, 143, 10530-10536.	13.7	23
23	Mechanistic Study of the Fluoride-Induced Activation of a Kobayashi Precursor: Pseudo- $N_2$ Pathway via a Pentacoordinated Silicon Ate Complex. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 6349-6353.	2.4	21
24	Domino Aryne Precursor: A Step beyond the Boundary of Traditional Aryne Chemistry. <i>Synlett</i> , 2015, 26, 2194-2198.	1.8	20
25	Cyclohexenynone Precursors: Preparation via Oxidative Dearomatization Strategy and Reactivity. <i>Journal of the American Chemical Society</i> , 2018, 140, 13214-13218.	13.7	20
26	A Synthesis of (+)-Salvadione-A. <i>Organic Letters</i> , 2003, 5, 3847-3850.	4.6	18
27	Total Synthesis of (+)-Komaroviquinone. <i>Heterocycles</i> , 2007, 73, 227.	0.7	18
28	Epoxidation of olefins by $\beta$ -bromoalkoxydimethylsulfonium ylides. <i>Tetrahedron Letters</i> , 2010, 51, 6830-6834.	1.4	16
29	One-pot synthesis of dihydrobenzoxazoles from hydroxylamines, acylenedicarboxylates, and arynes via in situ generation of nitrones. <i>Canadian Journal of Chemistry</i> , 2013, 91, 43-50.	1.1	13
30	Benzyne-Mediated Esterification Reaction. <i>Organic Letters</i> , 2021, 23, 7274-7278.	4.6	11
31	(Trifluoromethyl)Benzothioate (TFBT): A KF-Based Reagent for Nucleophilic Trifluoromethylthiolation. <i>Chemistry - A European Journal</i> , 2022, 28, .	3.3	9
32	A C <sub>2</sub> -symmetric, basic Fe(III) carboxylate complex derived from a novel triptycene-based chelating carboxylate ligand. <i>Dalton Transactions</i> , 2012, 41, 9272.	3.3	7
33	Diels-Alder Reactions of 12-Hydroxy-9(10 <sup>H</sup> )-5aH-abeo-abieta-1(10),8(9),12(13)-triene-11,14-dione. <i>Molecules</i> , 2013, 18, 6969-6989.	3.8	5
34	The Stannum-Ene Reactions of Benzyne and Cyclohexyne with Superb Chemoselectivity for Cyclohexyne. <i>Angewandte Chemie - International Edition</i> , 2022, . .	13.8	5
35	Triptycene-Based, Carboxylate-Bridged Biomimetic Diiron(II) Complexes. <i>European Journal of Inorganic Chemistry</i> , 2013, 2013, 2011-2019.	2.0	4
36	Arene Trifunctionalization with Highly Fused Ring Systems through a Domino Aryne Nucleophilic and Diels-Alder Cascade. <i>Angewandte Chemie</i> , 2019, 131, 18684-18689.	2.0	4

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37	Reactions of Sulfoxides with Benzyne. <i>Synlett</i> , 0, 0, .	1.8	3
38	The Regiochemistry of the o-Claisen Rearrangement of Bis-(alloxy)polycyclic Aromatics. <i>Heterocycles</i> , 2007, 72, 157.	0.7	1
39	The Stannum-ene Reactions of Benzyne and Cyclohexyne with Superb Chemoselectivity for Cyclohexyne. <i>Angewandte Chemie</i> , 2022, 134, .	2.0	0