

# Jian Li

## List of Publications by Year in descending order

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59  
papers

3,854  
citations

126907

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138484

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docs citations

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times ranked

2109  
citing authors

#	ARTICLE	IF	CITATIONS
1	Cascade Reaction of <i>o</i> -Haloaryl Ynone and 2-Hydroxy-2-Methylchromene: Synthesis of Chromone Derivative Enabled by Oxygen-Migration. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 291-295.	4.3	7
2	Design, Synthesis, and Biological Evaluation of Novel EGFR PROTACs Targeting Del19/T790M/C797S Mutation. <i>ACS Medicinal Chemistry Letters</i> , 2022, 13, 278-283.	2.8	23
3	Exploring the Reactivity of Propargylic Ester: Acyloxy and Acyl Migratory Rearrangement Relay Enabled by Formal Double Isocyanide Insertion. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 2536-2540.	4.3	13
4	Diastereoselective Synthesis of Tetracyclic Tetrahydroquinoline Derivative Enabled by Multicomponent Reaction of Isocyanide, Allenolate, and 2-Aminochoalcone. <i>Organic Letters</i> , 2021, 23, 4094-4098.	4.6	15
5	Diastereoselective Synthesis of oxa-bridged Tetracyclic Benzooxazines from the Reaction of $\alpha$ -Isocyanophenylacrylates and Propargylic Esters. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3957-3961.	4.3	3
6	Direct C3-H carbamoylation of quinoxalin-2(1H)-ones with isocyanides enabled by selectfluor II under mild conditions. <i>Tetrahedron Letters</i> , 2021, 88, 153511.	1.4	3
7	Multiple Stimuli-Responsive Conformational Exchanges of Biphen[3]arene Macrocyclic. <i>Molecules</i> , 2020, 25, 5780.	3.8	0
8	Palladium-catalyzed cascade reactions of enynones and isocyanides: access towards functionalized ketenimine and its application. <i>Chemical Communications</i> , 2020, 56, 4555-4558.	4.1	29
9	Phosphine-mediated sequential annulations of allenyl ketone and isocyanide: a bicyclization strategy to access a furan-fused eight-membered ring and a spirocycle. <i>Chemical Communications</i> , 2019, 55, 12180-12183.	4.1	15
10	Cascade cyclization and acyl migration of propargylic esters with isocyanides: rapid access to substituted furans. <i>Chemical Communications</i> , 2019, 55, 8394-8397.	4.1	13
11	A bicyclization reaction with two molecular allenyl ketones and isocyanides: synthesis of a lactone-containing azaspirocycle derivative. <i>Chemical Communications</i> , 2019, 55, 7231-7234.	4.1	19
12	Efficient Separation of <i>cis</i> - and <i>trans</i> -1,2-Dichloroethene Isomers by Adaptive Biphen[3]arene Crystals. <i>Angewandte Chemie</i> , 2019, 131, 10387-10390.	2.0	38
13	Efficient Separation of <i>cis</i> - and <i>trans</i> -1,2-Dichloroethene Isomers by Adaptive Biphen[3]arene Crystals. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 10281-10284.	13.8	115
14	Iron-Catalyzed Oxidative Coupling Reaction of Isocyanides and Simple Alkanes towards Amide Synthesis. <i>Advanced Synthesis and Catalysis</i> , 2019, 361, 2009-2013.	4.3	6
15	A formal (5+1) annulation reaction from heterodimerization of two different isocyanides: stereoselective synthesis of 2-H-benzo[1,4]oxazin-2-one. <i>Chemical Communications</i> , 2019, 55, 12243-12246.	4.1	19
16	Sequential cycloaddition and ring expansion reaction of arynes and methylenebenzothiophenones: synthesis of a benzo-fused eight-membered ring <i>via</i> sulfonium ylides. <i>RSC Advances</i> , 2019, 9, 39119-39123.	3.6	6
17	Terphen[ <i>n</i> ]arenes and Quaterphen[ <i>n</i> ]arenes ( <i>n</i> =3-6): One-Pot Synthesis, Self-Assembly into Supramolecular Gels, and Iodine Capture. <i>Angewandte Chemie</i> , 2019, 131, 3925-3929.	2.0	43
18	Terphen[ <i>n</i> ]arenes and Quaterphen[ <i>n</i> ]arenes ( <i>n</i> =3-6): One-Pot Synthesis, Self-Assembly into Supramolecular Gels, and Iodine Capture. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 3885-3889.	13.8	156

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19	Phosphine-Catalyzed Domino Reaction of $\alpha,\beta$ -Unsaturated Ketone and Allenolate: Stereoselective Synthesis of Polysubstituted Dihydro-2H-Pyran. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 2333-2338.	4.3	13
20	Iron-Catalyzed Aerobic Oxidation and Annulation Reaction of Pyridine and $\alpha$ -Substituted Allenolate toward Functionalized Indolizine. <i>Organic Letters</i> , 2018, 20, 413-416.	4.6	50
21	Selective Oxidative Coupling Reaction of Isocyanides Using Peroxide as Switchable Alkylating and Alkoxyating Reagent. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 272-277.	4.3	12
22	Carbon-nitrogen bond cleavage of pyridine with two molecular substituted allenolates: access to 2-arylpyrimidin-4(3H)-one. <i>Chemical Communications</i> , 2018, 54, 14128-14131.	4.1	4
23	Construction of [2]rotaxane-based supramolecular polymers driven by wheel-stopper $\pi$ - $\pi$ interactions. <i>Chemical Communications</i> , 2018, 54, 11634-11637.	4.1	25
24	Ytterbium and silver co-catalyzed synthesis of pyrrole-fused bicyclic skeletons from enynones and isocyanides. <i>Chemical Communications</i> , 2018, 54, 6412-6415.	4.1	36
25	A domino reaction of 2-isocyanophenylacrylate and aryne to synthesize arenes with vicinal olefin and benzoxazole. <i>Chemical Communications</i> , 2018, 54, 9611-9614.	4.1	24
26	A pH responsive complexation-based drug delivery system for oxaliplatin. <i>Chemical Science</i> , 2017, 8, 4458-4464.	7.4	182
27	A multicomponent bicyclization reaction of isocyanide, allenolate, imine and water to synthesize pyrrolidine-fused rings. <i>RSC Advances</i> , 2017, 7, 32300-32303.	3.6	5
28	2,2'-Biphen[ <i>n</i> ]arenes ( $n = 4-8$ ): one-step, high-yield synthesis, and host-guest properties. <i>Chemical Communications</i> , 2017, 53, 12096-12099.	4.1	33
29	Isocyanide-Based Multicomponent Reaction To Furnish <i>N</i> -Functionalized Indoles by using <i>N</i> -Acyliminium Ions as Key Intermediates. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 4507-4510.	2.4	3
30	$\text{Bu}_4\text{NI}$ -Catalyzed $\alpha$ -Oxyacylation of Carbonyl Compounds with Toluene Derivatives. <i>Organic Letters</i> , 2016, 18, 1916-1919.	4.6	50
31	Isocyanide-Based Multicomponent Bicyclization with Substituted Allenolate and Isatin: Synthesis of Unusual Spirooxindole Containing [5.5]-Fused Heterocycle. <i>Journal of Organic Chemistry</i> , 2016, 81, 9158-9166.	3.2	36
32	Exploiting the Reactivity of Isocyanide: Coupling Reaction between Isocyanide and Toluene Derivatives Using the Isocyano Group as an $\text{N}_1$ Synthon. <i>Organic Letters</i> , 2016, 18, 4052-4055.	4.6	34
33	Synthesis of a Water-Soluble Carboxylatobiphen[4]arene and Its Selective Complexation toward Acetylcholine. <i>Organic Letters</i> , 2016, 18, 5740-5743.	4.6	56
34	Molecular Recognition Properties of Biphen[4]arene. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3449-3453.	3.3	16
35	Temperature-Dependent Double Isocyanide Insertion Reaction To Construct a Polycyclic Skeleton. <i>Organic Letters</i> , 2016, 18, 840-843.	4.6	51
36	Molecular binding behavior of bipyridium derivatives by water-soluble carboxylato-biphen[3]arene. <i>Chemical Communications</i> , 2015, 51, 6621-6624.	4.1	45

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37	The marriage of endo-cavity and exo-wall complexation provides a facile strategy for supramolecular polymerization. <i>Chemical Communications</i> , 2015, 51, 3434-3437.	4.1	82
38	Isocyanide-Based Multicomponent Reactions: Rapid Synthesis of a 5,5-Fused Bicyclic Skeleton from $\alpha,\beta$ -Unsaturated Ketones and Allenoates. <i>Synthesis</i> , 2015, 47, 2414-2430.	2.3	14
39	Ugi/Himbert Arene/Allene Diels-Alder Cycloaddition to Synthesize Strained Polycyclic Skeleton. <i>Journal of Organic Chemistry</i> , 2015, 80, 11100-11107.	3.2	26
40	Indium(III) Chloride-Catalyzed Isocyanide Insertion Reaction to Construct Complex Spirooxindole. <i>Organic Letters</i> , 2015, 17, 4874-4877.	4.6	67
41	Biphen[ <i>n</i> ]arenes. <i>Chemical Science</i> , 2015, 6, 197-202.	7.4	208
42	Isocyanide-Based Multicomponent Reactions: Concise Synthesis of Spirocyclic Oxindoles with Molecular Complexity by Using a [1,5]-Hydrogen Shift as the Key Step. <i>Chemistry - A European Journal</i> , 2014, 20, 5905-5909.	3.3	50
43	Multicomponent Cascade Cycloaddition Involving Tropone, Allenoate, and Isocyanide: A Rapid Access to a 7,6,5-Fused Tricyclic Skeleton. <i>Organic Letters</i> , 2014, 16, 5604-5607.	4.6	60
44	Supramolecular Polymers Based on Efficient Pillar[5]arene Neutral Guest Motifs. <i>Chemistry - A European Journal</i> , 2013, 19, 11892-11897.	3.3	153
45	Unexpected isocyanide-based cascade cycloaddition reaction with methyleneindolinone. <i>Chemical Communications</i> , 2013, 49, 10694.	4.1	36
46	A Neutral Supramolecular Hyperbranched Polymer Fabricated from an AB <sub>2</sub> -Type Copillar[5]arene. <i>Macromolecular Rapid Communications</i> , 2013, 34, 1856-1862.	3.9	74
47	Pillar[5]arene neutral guest recognition based supramolecular alternating copolymer containing [c <sub>2</sub> ]daisy chain and bis-pillar[5]arene units. <i>Polymer Chemistry</i> , 2013, 4, 3998.	3.9	132
48	Molecular selective binding of basic amino acids by a water-soluble pillar[5]arene. <i>Chemical Communications</i> , 2013, 49, 1924.	4.1	197
49	Binding Mechanisms and Driving Forces for the Selective Complexation between Pillar[5]arenes and Neutral Nitrogen Heterocyclic Compounds. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2057-2060.	2.4	45
50	Complexation of neutral 1,4-dihalobutanes with simple pillar[5]arenes that is dominated by dispersion forces. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 3393.	2.8	131
51	Highly effective binding of neutral dinitriles by simple pillar[5]arenes. <i>Chemical Communications</i> , 2012, 48, 2967.	4.1	301
52	Synthesis of Pillar[5]arene Dimers and Their Cooperative Binding toward Some Neutral Guests. <i>Organic Letters</i> , 2012, 14, 42-45.	4.6	152
53	Construction of Naphtho-Fused Oxindoles via the Aryne Diels-Alder Reaction with Methyleneindolinones. <i>Organic Letters</i> , 2012, 14, 4994-4997.	4.6	64
54	Multicomponent Reaction to Construct Spirocyclic Oxindoles with a Michael (Triple) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td (Michael) 9645-9650.	3.3	56

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55	Novel neutral guest recognition and interpenetrated complex formation from pillar[5]arenes. <i>Chemical Communications</i> , 2011, 47, 11294.	4.1	162
56	Silver Hexafluoroantimonate-catalyzed Three-component [2+2+1] Cycloadditions of Allenates, Dual Activated Olefins, and Isocyanides. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 913-917.	4.3	41
57	Syntheses of Spirocyclic Oxindole-Butenolides by Using Three-component Cycloadditions of Isocyanides, Allenates, and Isatins. <i>Chemistry - A European Journal</i> , 2011, 17, 7409-7413.	3.3	67
58	Complex interactions of pillar[5]arene with paraquats and bis(pyridinium) derivatives. <i>Organic and Biomolecular Chemistry</i> , 2010, 8, 1568.	2.8	265
59	Self-assembly of [2]pseudorotaxanes based on pillar[5]arene and bis(imidazolium) cations. <i>Chemical Communications</i> , 2010, 46, 9016.	4.1	273