

# Lei Shi

## List of Publications by Year in descending order

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39  
papers

1,312  
citations

430874

18  
h-index

345221

36  
g-index

48  
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48  
docs citations

48  
times ranked

1273  
citing authors

#	ARTICLE	IF	CITATIONS
1	Photochemical Nozaki-Hiyama-Kishi Coupling Enabled by Excited Hantzsch Ester. <i>Organic Letters</i> , 2022, , .	4.6	7
2	Synthesis of Homoallylic Amines by Radical Allylation of Imines with Butadiene under Photoredox Catalysis. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	8
3	Photocatalytic Generation of $\eta^5$ -Allyltitanium Complexes via Radical Intermediates. <i>Angewandte Chemie</i> , 2021, 133, 1585-1590.	2.0	15
4	Photocatalytic Generation of $\eta^5$ -Allyltitanium Complexes via Radical Intermediates. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 1561-1566.	13.8	62
5	Photocatalytic Generation of $\eta^5$ -Allyltitanium Complexes from Butadiene via a Radical Strategy. <i>Synthesis</i> , 2021, 53, 1889-1900.	2.3	4
6	Photocatalytic Umpolung Synthesis of Nucleophilic $\eta^5$ -Allylcobalt Complexes for Allylation of Aldehydes. <i>ACS Catalysis</i> , 2021, 11, 2992-2998.	11.2	32
7	A base-free Chan-Lam reaction catalyzed by an easily assembled Cu(II)-carboxylate metal-organic framework. <i>Journal of Chemical Research</i> , 2021, 45, 795-799.	1.3	0
8	Photocatalytic Generation of $\eta^5$ -Allyltitanium Complexes via Radical Intermediates. , 2021, 60, 1561.		1
9	Activation of Chromium Catalysts by Photoexcited Hantzsch Ester for Decarboxylative Allylation of Aldehydes with Butadiene. <i>Organic Letters</i> , 2021, 23, 8077-8081.	4.6	16
10	Highly Regioselective Difluoroalkylarylation of Butadiene through a Nickel-Catalyzed Tandem Radical Process. <i>ACS Catalysis</i> , 2021, 11, 14848-14853.	11.2	12
11	Visible-light-driven spirocyclization of epoxides <i>via</i> dual titanocene and photoredox catalysis. <i>Chemical Science</i> , 2020, 11, 839-844.	7.4	46
12	<i>In situ</i> immobilization of a multicomponent chiral catalyst (MCC) <i>via</i> non-covalent interactions for heterogeneous asymmetric hydrogenation reactions. <i>Organic Chemistry Frontiers</i> , 2020, 7, 345-349.	4.5	9
13	Visible-light-mediated Barbier allylation of aldehydes and ketones <i>via</i> dual titanium and photoredox catalysis. <i>Organic Chemistry Frontiers</i> , 2020, 7, 3434-3438.	4.5	25
14	Cp <sub>2</sub> Ti <sup>III</sup> Cl Catalysis in a New Light. <i>ChemPhotoChem</i> , 2020, 4, 659-663.	3.0	17
15	Novel Quinoline Compound Derivatives of NSC23925 as Potent Reversal Agents Against P-Glycoprotein-Mediated Multidrug Resistance. <i>Frontiers in Chemistry</i> , 2019, 7, 820.	3.6	4
16	Photocatalytic Coupling of Methanol and Formaldehyde into Ethylene Glycol with High Atomic Efficiency. <i>Catalysis Letters</i> , 2018, 148, 2274-2282.	2.6	14
17	Silibinin Inhibits NSCLC Metastasis by Targeting the EGFR/LOX Pathway. <i>Frontiers in Pharmacology</i> , 2018, 9, 21.	3.5	36
18	Controlled synthesis of high quality scandium-based nanocrystals as promising recyclable catalysts for silylcyanation reaction. <i>Nanoscale</i> , 2017, 9, 10987-10991.	5.6	5

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19	Total Synthesis and Structural Revision of Antibiotic CJâ€16,264. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 9203-9208.	13.8	39
20	Total Synthesis of Myceliothermophinsâ€C, D, and E. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 10970-10974.	13.8	36
21	Total Synthesis of (Â±)-Anislactone A and (Â±)-Merrilactone A. <i>Strategies and Tactics in Organic Synthesis</i> , 2013, 9, 105-147.	0.1	1
22	General Synthetic Approach to Functionalized Dihydrooxepines. <i>Organic Letters</i> , 2013, 15, 1994-1997.	4.6	32
23	Gas extrusion in natural products total synthesis. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8383.	2.8	13
24	Biomimetic Asymmetric Hydrogenation: In Situ Regenerable Hantzsch Esters for Asymmetric Hydrogenation of Benzoxazinones. <i>Journal of the American Chemical Society</i> , 2011, 133, 16432-16435.	13.7	175
25	Synthesis of (Â±)-Merrilactoneâ€A and (Â±)-Anislactoneâ€A. <i>Angewandte Chemie - International Edition</i> , 2010, 49, 9250-9253.	13.8	73
26	Catalytic Enantioselective Radical Cyclization via Regiodivergent Epoxide Opening. <i>Journal of the American Chemical Society</i> , 2010, 132, 11858-11859.	13.7	110
27	Development of a Continuousâ€Flow System for Asymmetric Hydrogenation Using Selfâ€Supported Chiral Catalysts. <i>Chemistry - A European Journal</i> , 2009, 15, 9855-9867.	3.3	56
28	Self-supported chiral catalysts for heterogeneous enantioselective reactions. <i>Pure and Applied Chemistry</i> , 2007, 79, 1531-1540.	1.9	42
29	Heterogenization of Shibasaki's Binol/La Catalyst for Enantioselective Epoxidation of Î±,Î²-Unsaturated Ketones with Multitopic Binol Ligands: The Impact of Bridging Spacers.. <i>ChemInform</i> , 2006, 37, no.	0.0	0
30	Engineering a Polymeric Chiral Catalyst by Using Hydrogen Bonding and Coordination Interactions. <i>Angewandte Chemie - International Edition</i> , 2006, 45, 4108-4112.	13.8	96
31	Synthesis, Crystal Structures, Thermal Analysis and Magnetic Property of Mono- and Bi-nuclear 1,1-Cyclobutanedicarboxylate Copper Complexes. <i>Chinese Journal of Chemistry</i> , 2006, 24, 487-492.	4.9	6
32	Heterogenization of Shibasaki's Binol/La Catalyst for Enantioselective Epoxidation of Î±,Î²-Unsaturated Ketones with Multitopic Binol Ligands: The Impact of Bridging Spacers. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6362-6366.	13.8	82
33	Programmed Assembly of Two Different Ligands with Metallic Ions: Generation of Self-Supported Noyori-Type Catalysts for Heterogeneous Asymmetric Hydrogenation of Ketones.. <i>ChemInform</i> , 2005, 36, no.	0.0	0
34	Programmed Assembly of Two Different Ligands with Metallic Ions: Generation of Self-Supported Noyori-type Catalysts for Heterogeneous Asymmetric Hydrogenation of Ketones. <i>Journal of the American Chemical Society</i> , 2005, 127, 7694-7695.	13.7	102
35	A SIMPLE, EFFICIENT, AND NEW CATALYST OXIDATION METHOD WITH KClO <sub>3</sub> /H <sub>2</sub> SO <sub>4</sub> /FeSO <sub>4</sub> FOR PREPARING BISAZO COMPOUNDS. <i>Synthetic Communications</i> , 2001, 31, 1691-1695.	2.1	15
36	An Efficient and Convenient Procedure for Preparation of Diaryl Carbazone from aryl substituted carbazide. <i>Synthetic Communications</i> , 1999, 29, 53-56.	2.1	9

#	ARTICLE	IF	CITATIONS
37	The Improved Method of Oxidation of 4-Fluoroaniline to 4-Fluoroazobenzene. Synthetic Communications, 1999, 29, 481-485.	2.1	5
38	A Convenient Method for the Preparation of Carbonyl Diazo Compounds from Aryl Substituted Carbazide. Synthetic Communications, 1998, 28, 2287-2290.	2.1	6
39	Synthesis of Homoallylic Amines by Radical Allylation of Imines with Butadiene under Photoredox Catalysis. Angewandte Chemie, 0, , .	2.0	2