

# Ling-Yan Liu

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Novel Proline-Valinol Thioamide Small Organic Molecule for a Highly Enantioselective Direct Aldol Reaction. <i>Advanced Synthesis and Catalysis</i> , 2009, 351, 2441-2448.	4.3	62
2	Highly Efficient Direct Asymmetric Aldol Reactions Catalyzed by a Proline Thioamide Derivative in Aqueous Media. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5951-5954.	2.4	61
3	Copper-Catalyzed Cascade Reaction via Intramolecular Hydroamination Cyclization of Homopropargylic Amines and Intermolecular Povarov Reaction with Imines. <i>Organic Letters</i> , 2016, 18, 2367-2370.	4.6	42
4	Synthesis of Tetrasubstituted Pyrroles from Homopropargylic Amines via a Sonogashira Coupling/Intramolecular Hydroamination/Oxidation Sequence. <i>Advanced Synthesis and Catalysis</i> , 2015, 357, 2795-2802.	4.3	33
5	Divergent Reactivity of Rhodium(I) Carbenes Derived from Indole Annulations. <i>Angewandte Chemie - International Edition</i> , 2015, 54, 12905-12908.	13.8	28
6	Synthesis of novel chiral 2-oxo- and 2-thio-1,3,2-oxazaphospholidines via asymmetric cyclization of L-methionol with (thio)phosphoryl dichlorides. <i>Heteroatom Chemistry</i> , 2005, 16, 33-38.	0.7	26
7	Crown Ether Cavity-Containing Copolymers via Controlled Alternating Cyclocopolymerization. <i>Macromolecules</i> , 2011, 44, 6311-6317.	4.8	25
8	Povarov Reaction of Cycloiminium Formed in Situ via Hydroamination Cycloisomerization of Homopropargylic Amines with Electron-Rich Olefins. <i>Journal of Organic Chemistry</i> , 2017, 82, 950-958.	3.2	24
9	Asymmetric Organocatalytic Quadruple Cascade Reaction of 2-Hydroxychalcone with Cinnamaldehyde for the Construction of Tetrahydro-6H-benzo[ <i>c</i> ]chromene Containing Five Stereocenters. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 4342-4350.	2.4	23
10	Copper Promoted Regio- and Stereoselective Aminochlorination of Alkynes and Alkenes with NFSI. <i>Chemistry - A European Journal</i> , 2018, 24, 8542-8547.	3.3	23
11	Asymmetric Michael Addition of Cyclohexanone or Cyclopentanone to Chalcones Catalyzed by an L-Proline-Based Organic Phosphane. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 2634-2645.	2.4	21
12	Copper(II) Trifluoromethanesulfonate Catalyzed Hydroamination Cyclization-Dimerization Cascade Reaction of Homopropargylic Amines for the Construction of Complex Fused Nitrogen-Containing Tetracycles. <i>European Journal of Organic Chemistry</i> , 2016, 2016, 3684-3690.	2.4	20
13	The Divergent Cascade Reactions of Arylalkynols with Homopropargylic Amines or Electron-Deficient Olefins: Access to the Spiro-Isobenzofuran- <i>b</i> -pyrroloquinolines or Bridged-Isobenzofuran Polycycles. <i>Journal of Organic Chemistry</i> , 2018, 83, 7799-7813.	3.2	19
14	A structurally simple L-proline derivative promotes the asymmetric allylation of aldehydes with tribromoallyl tin. <i>Tetrahedron: Asymmetry</i> , 2007, 18, 710-716.	1.8	18
15	Multi-Responsive Properties of a Poly(Ethylene Glycol)-Grafted Alternating Copolymers of Distyrenic Monomer with Maleic Anhydride. <i>Langmuir</i> , 2012, 28, 4500-4506.	3.5	18
16	Pseudo-Cryptand-Containing Copolymers: Cyclopolymerization and Biocompatible Water-Soluble Al <sup>3+</sup> Fluorescent Sensor <i>in Vitro</i> . <i>Macromolecules</i> , 2016, 49, 844-852.	4.8	17
17	The Catalyst-Controlled Divergent Cascade Reactions of Homopropargylic Amines and Nitrones: Synthesis of Pyrroloisoxazolidines and $\beta$ -lactams. <i>Advanced Synthesis and Catalysis</i> , 2018, 360, 1240-1252.	4.3	15
18	Stereospecific Synthesis of <i>cis</i> -2,5-Disubstituted Pyrrolidines via <i>N</i> , <i>O</i> -Acetals Formed by Hydroamination Cyclization-Hydroalkoxylation of Homopropargylic Sulfonamides in HFIP. <i>Journal of Organic Chemistry</i> , 2020, 85, 7045-7059.	3.2	15

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19	Sequential Sonogashira/Carbopalladative Cyclization/Suzuki Reactions Catalyzed by a Single Palladium Source by Using Protected Homopropargyl Alcohol. <i>European Journal of Organic Chemistry</i> , 2010, 2010, 5391-5396.	2.4	14
20	The direct substitutions of 9H-xanthen-9-ol with indoles in a room temperature ionic liquid medium BmimBF <sub>4</sub> . <i>Tetrahedron Letters</i> , 2011, 52, 5636-5639.	1.4	14
21	Gold(I)-catalyzed cyclization of o-(alkynyl)styrene ether mediated by MeOH for the construction of 2-aryl-1H-indene acetal. <i>Tetrahedron Letters</i> , 2015, 56, 2659-2663.	1.4	13
22	Palladium-catalyzed Highly Chemoselective Cascade Coupling-cyclization of Allenol Derivatives and Aryl Halides for the Construction of Dihydrobenzofuranols or Chromanols and Indolinols. <i>Asian Journal of Organic Chemistry</i> , 2015, 4, 1050-1054.	2.7	12
23	Temperature-Controlled Divergent Hydroamination Cyclization [2+2]-Cycloaddition Cascade Reactions of Homopropargylic Amines with 2-Butynedioates: Direct Access To Pyrrolo-cyclobutene and Dihydro-1H-azepines. <i>Journal of Organic Chemistry</i> , 2019, 84, 1288-1298.	3.2	11
24	Additive-controlled regioselective direct asymmetric aldol reaction of hydroxyacetone and aldehyde. <i>Tetrahedron: Asymmetry</i> , 2013, 24, 533-542.	1.8	10
25	Pt( <sup>2</sup> )-catalyzed cyclization of 3-acyloxy-1,5-enynes with the elimination of HOAc and a benzyl shift: synthesis of unsymmetrical m-terphenyls. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 4486-4493.	2.8	10
26	Multiple Stimuli-Responsiveness Fluorescent Probe Derived from Cyclopolymers and Pyrene-Ended Ammonium Salts. <i>ACS Applied Polymer Materials</i> , 2020, 2, 2246-2251.	4.4	10
27	Cu(OAc) <sup>2</sup> /TEMPO Cooperative Promoted Hydroamination Cyclization and Oxidative Dehydrogenation Cascade Reaction of Homopropargylic Amines. <i>Chemistry - an Asian Journal</i> , 2018, 13, 46-54.	3.3	10
28	Novel organotin-containing shell-cross-linked knedel and core-cross-linked knedel: Synthesis and application in catalysis. <i>Journal of Polymer Science Part A</i> , 2010, 48, 5992-6002.	2.3	9
29	An Unexpected Double Diels-Alder Reaction of (E)-2-Bromo-4-aryl-1,3-pentadiene Involving [1,5]-Hydrogen Migration and HBr Elimination: Synthesis of Bicyclo[2.2.2]octene Derivatives. <i>Chemistry - an Asian Journal</i> , 2015, 10, 548-552.	3.3	9
30	Mutual Cooperation in the Formal Allyl Alcohol Nucleophilic Substitution and Hydration of Alkynes for the Construction of <sup>3</sup> Substituted Ketones. <i>Chemistry - A European Journal</i> , 2016, 22, 6458-6465.	3.3	9
31	Ag( <sup>+</sup> )-Catalyzed solvent-free CO <sup>2</sup> capture with homopropargylic amines: an efficient access to 1,3-oxazinan-2-ones. <i>Organic Chemistry Frontiers</i> , 2018, 5, 3331-3335.	4.5	9
32	1,3-Dichloro-4-tetra- <i>n</i> -butyl- <i>n</i> -distannoxane: a new application for catalyzing the direct substitution of 9H-xanthen-9-ol at room temperature. <i>Applied Organometallic Chemistry</i> , 2012, 26, 9-15.	3.5	8
33	The Diverse Reactivity of Homopropargylic Amines as "Masked" 1C Synthons for the Aza-Friedel-Crafts Alkylation of Indoles. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 470-476.	2.4	8
34	Cocatalyst-controlled divergent cascade cycloaddition reaction of arylalkynols and dioxypyrrolidines: access to spiroketals and oxo-bridged eight-membered cyclic ethers. <i>Organic Chemistry Frontiers</i> , 2020, 7, 1809-1816.	4.5	8
35	Synthesis of Eight-Membered Nitrogen Heterocycles via a Heterogeneous Pt( <sup>2</sup> )-Catalyzed Cascade Cycloaddition Reaction of <sup>1</sup> Aminoalkynes with Electron-Deficient Alkynes. <i>Advanced Synthesis and Catalysis</i> , 2020, 362, 1525-1531.	4.3	8
36	Asymmetric Allylation of Aldehydes Catalyzed by Simple Dual Small Organic Molecules: <sup>L</sup> -Proline and <sup>L</sup> -Prolinol. <i>Chemistry Letters</i> , 2010, 39, 1013-1015.	1.3	7

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37	Novel organotin-containing diblock copolymer with tunable nanostructures: Synthesis, self-assembly and morphological change. <i>Journal of Organometallic Chemistry</i> , 2011, 696, 1416-1424.	1.8	7
38	The metal tin promoted cascade reaction of ketones in aqueous media for the construction of 2-bromo-4-aryl-1,3-pentadiene. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 5393-5399.	2.8	7
39	Well-defined core-shell nanostructural block copolymer supported recyclable Bronsted acidic ionic liquid catalyst for the synthesis of biodiesel. <i>European Polymer Journal</i> , 2020, 140, 109922.	5.4	7
40	Sonogashira coupling reaction of homopropargyl ether with aryl bromides and synthesis of 2,5-disubstituted 3-bromofurans. <i>Science in China Series B: Chemistry</i> , 2009, 52, 1314-1320.	0.8	6
41	Soluble "Insoluble" Soluble Transitions of Thermoresponsive Cryptand-Containing Graft Copolymers. <i>ACS Omega</i> , 2018, 3, 10172-10179.	3.5	6
42	Au(I)/Ru(II)-BINOL-Ti(IV) Concerted Catalyzed Asymmetric Cascade Cycloaddition Reaction of Arylalkynols. <i>Organic Letters</i> , 2021, 23, 3573-3577.	4.6	5
43	Blocking MCT4 SUMOylation inhibits the growth of breast cancer cells. <i>Molecular Carcinogenesis</i> , 2021, 60, 702-714.	2.7	4
44	Effect of crosslinker on morphology, catalytic activity, and recyclability of immobilized palladium chloride. <i>Journal of Applied Polymer Science</i> , 2013, 128, 2604-2610.	2.6	3
45	Morphological studies on Sn-O coordination driving self-assembly of well-defined organotin-containing block copolymers. <i>Chinese Journal of Polymer Science (English Edition)</i> , 2014, 32, 1655-1665.	3.8	3
46	Controllable and Reversible Dimple-Shaped Aggregates Induced by Macrocyclic Recognition Effect. <i>Langmuir</i> , 2015, 31, 13581-13589.	3.5	3
47	Thermoresponsive block copolymer micelle-supported (S)-1,1'-bis(diphenylprolinol trimethylsilyl ether) for asymmetric Michael addition of nitroalkenes and aldehydes in water. <i>Journal of Applied Polymer Science</i> , 2021, 138, 49831.	2.6	3
48	Substituent-Controlled Divergent Cascade Cycloaddition Reactions of Chalcones and Arylalkynols: Access to Spiroketal and Oxabridged Fused Heterocycles. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 4024-4032.	4.3	3
49	Preparation and characterization of novel organic/inorganic hybrid nanoparticles containing an organotin core and a polystyrene shell. <i>Journal of Applied Polymer Science</i> , 2012, 126, 56-65.	2.6	2
50	Metal-free multicomponent cascade reactions of homopropargylic amines and acyl chlorides as well as potassium thiocyanate and diiodine: an access to thiazine imides. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5955-5959.	2.8	2
51	Platinum Iodide-Catalyzed Formaldehyde Three-Component Cascade Cycloaddition Reactions between $\beta$ -Aminoalkynes and Electron-Deficient Alkynes. <i>Journal of Organic Chemistry</i> , 2021, 86, 16614-16624.	3.2	2
52	Allyltin tribromide: A versatile reagent involved in the ring-opening of epoxides. <i>Science China Chemistry</i> , 2010, 53, 1294-1301.	8.2	1
53	Well-defined polymers containing 1,3-dichloro-4-tetraalkylbutyl-distannoxane moiety: Synthesis, mechanism, and applications in catalysis. <i>Journal of Applied Polymer Science</i> , 2012, 123, 3485-3494.	2.6	1
54	In vitro Antichlamydial Activity of 1,2,3,5-Tetrasubstituted Pyrrole Derivatives. <i>Chemotherapy</i> , 2018, 63, 95-99.	1.6	1

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55	Controllable polymeric pseudo-crown ether fluorescent sensors: responsiveness and selective detection of metal ions. <i>New Journal of Chemistry</i> , 2021, 45, 2122-2131.	2.8	1
56	Inhibitory Activity of Pyrroloisoxazolidine Derivatives against <i>Chlamydia trachomatis</i> . <i>BioMed Research International</i> , 2021, 2021, 1-12.	1.9	1
57	Frontispiece: Mutual Cooperation in the Formal Allyl Alcohol Nucleophilic Substitution and Hydration of Alkynes for the Construction of $^{13}\text{C}$ -Substituted Ketones. <i>Chemistry - A European Journal</i> , 2016, 22, .	3.3	0