

Xixi Song

List of Publications by Year in descending order

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papers

706
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#	ARTICLE	IF	CITATIONS
1	Regioselective synthesis of spirobarbiturate-dihydrofurans and dihydrofuro[2,3-d]pyrimidines via one-pot cascade reaction of barbiturate-based olefins and ethyl acetoacetate. <i>Tetrahedron</i> , 2021, 79, 131859.	1.0	3
2	A new asymmetric activation strategy for hydrazones as acyl anion equivalents in the bimetallic catalyzed carbonyl-ene reaction. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 2055-2062.	1.5	2
3	Aminocatalytic stereoselective synthesis of (E)- β -naphthyl enals via cross-coupling-like reaction of 1-bromo-2-naphthols with enals. <i>Green Synthesis and Catalysis</i> , 2021, 2, 377-380.	3.7	3
4	Stereoselective Sequential Spirocyclopropanation/Cloke-Wilson Rearrangement Reactions for Synthesis of <i>trans</i> - β,β -Disubstituted β -Butyrolactones Using Alkylidene Meldrum's Acid and Benzyl Halides. <i>Journal of Organic Chemistry</i> , 2020, 85, 2266-2276.	1.7	18
5	A thermal decarboxylative Cloke-Wilson rearrangement of dispirocyclopropanes derived from para-quinone methides and bromo-Meldrum's acids: an approach to synthesize spirobutyrolactone para-dienones. <i>Organic Chemistry Frontiers</i> , 2020, 7, 2682-2688.	2.3	14
6	AlCl ₃ -Promoted Stereospecific Cloke-Wilson Rearrangement of Spirocyclopropyl Barbiturates for the Synthesis of Substituted Dihydrofuro[2,3-d]pyrimidines. <i>ChemistrySelect</i> , 2019, 4, 10838-10842.	0.7	11
7	Chemoselective syntheses of spirodihydrofuryl and spirocyclopropyl barbiturates <i>via</i> cascade reactions of barbiturate-based olefins and acetylacetone. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2684-2690.	1.5	10
8	Base-Mediated Tandem 1,6-Addition/Cyclization/Isomerization Reactions between para-Quinone Methides and Benzyl Chlorides: Approaches to Diverse Frameworks at Each Cascade Stage. <i>Synthesis</i> , 2019, 51, 2136-2148.	1.2	19
9	Diastereoselective Synthesis of Spirobarbiturate-Cyclopropanes through Organobase-Mediated Spirocyclopropanation of Barbiturate-Based Olefins with Benzyl Chlorides. <i>Synthesis</i> , 2019, 51, 899-906.	1.2	16
10	A New Strategy for Enantioselective Construction of Multisubstituted Five-Membered Oxygen Heterocycles via a Domino Michael/Hemiketalization Reaction. <i>Chemistry - A European Journal</i> , 2015, 21, 11994-11998.	1.7	57
11	Asymmetric Copolymerization of Cyclopentene Oxide and CO ₂ Using a Dinuclear Zinc-AzePhenol Catalyst: Enlightened by DFT Calculations. <i>Macromolecules</i> , 2015, 48, 1651-1657.	2.2	48
12	Enantioselective Construction of Functionalized Cyclopentanes by a Relay Ring-Closing Metathesis and Chiral Amine (Thio)urea-Promoted Michael Addition. <i>Synthesis</i> , 2014, 46, 2601-2607.	1.2	6
13	A mathematical expression for the enantioselectivity and thermodynamic factors in the conformational equilibrium of catalysts in the addition of diethylzinc to benzaldehyde. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 1360-1365.	1.8	6
14	Enantioselective Friedel-Crafts Alkylation of Pyrrole with Chalcones Catalyzed by a Dinuclear Zinc Catalyst. <i>Journal of Organic Chemistry</i> , 2014, 79, 11690-11699.	1.7	61
15	Construction of Chiral Bridged Tricyclic Benzopyrans: Enantioselective Catalytic Diels-Alder Reaction and a One-Pot Reduction/Acid-Catalyzed Stereoselective Cyclization. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 4940-4944.	7.2	47
16	Enantiopure azetidine-2-carboxamides as organocatalysts for direct asymmetric aldol reactions in aqueous and organic media. <i>Tetrahedron</i> , 2014, 70, 1464-1470.	1.0	16
17	Dinuclear zinc catalyzed asymmetric tandem Michael addition/acetalization reactions of cyclic diketones and β,β -unsaturated β -ketoesters. <i>Tetrahedron</i> , 2014, 70, 5468-5474.	1.0	21
18	Diastereomeric Aziridine Carbinol Catalyzed Enantioselective Arylation Reaction: Toward the Asymmetric Synthesis of Both Enantiomers of Chiral 3-Aryl Phthalide. <i>Journal of Organic Chemistry</i> , 2014, 79, 6087-6093.	1.7	40

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19	The effect of conformational equilibrium on the enantioselectivity of catalysts: a quantitative relationship for the evaluation, design, and prediction of chiral ligands in the addition of diethylzinc to benzaldehydes. <i>Tetrahedron: Asymmetry</i> , 2014, 25, 781-786.	1.8	5
20	Organocatalytic enantioselective Strecker reaction of cyclic trifluoromethyl-ketoimines. <i>Tetrahedron Letters</i> , 2013, 54, 1409-1411.	0.7	31
21	Synthesis of Benzoxazoles via an Amine-Catalyzed [4 + 1] Annulation. <i>Organic Letters</i> , 2013, 15, 2510-2513.	2.4	23
22	An Organocatalytic Cascade Approach toward Polysubstituted Quinolines and Chiral 1,4-Dihydroquinolines—Unanticipated Effect of N-Protecting Groups. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 7282-7286.	7.2	84
23	Direct Transformation of Simple Enals to 3,4-Disubstituted Benzaldehydes under Mild Reaction Conditions via an Organocatalytic Regio- and Chemoselective Dimerization Cascade. <i>Chemistry - A European Journal</i> , 2012, 18, 9770-9774.	1.7	11
24	Total Synthesis of Polyene Natural Product Dihydroxerulin by Mild Organocatalyzed Dehydrogenation of Alcohols. <i>Chemistry - A European Journal</i> , 2012, 18, 2230-2234.	1.7	29
25	Direct stereoselective $\hat{\text{I}}\pm$ -arylation of unmodified enals using an organocatalytic cross-coupling-like reaction. <i>Nature Communications</i> , 2011, 2, 524.	5.8	24
26	Organocatalytic asymmetric synthesis of chiral fluorinated quaternary carbon containing $\hat{\text{I}}^2$ -ketoesters. <i>Chemical Communications</i> , 2009, , 2136.	2.2	71
27	IBX-DMSO-Promoted Oxidative Aromatization of Spiro[2.5]octa-4,7-dien-6-one. <i>Synlett</i> , 0, , .	1.0	0
28	Synthesis of para-Quinone Methides via Oxidative Ring-Opening of Spiro-cyclopropanyl-cyclohexadienones. <i>Synthesis</i> , 0, , .	1.2	0