Ling Pan

List of Publications by Year
in descending order

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42 papers	1,032 citations	516710 16 h-index	434195 31 g-index
52 all docs	52 docs citations	52 times ranked	882 citing authors

#	Article	IF	Citations
1	Recent developments of ketene dithioacetal chemistry. Chemical Society Reviews, 2013, 42, 1251-1286.	38.1	217
2	Facile [7C+1C] Annulation as an Efficient Route to Tricyclic Indolizidine Alkaloids. Angewandte Chemie - International Edition, 2013, 52, 9271-9274.	13.8	90
3	[3 + 3]-Cycloaddition Reactions of Î±-Acidic Isocyanides with 1,3-Dipolar Azomethine Imines. Organic Letters, 2014, 16, 4004-4007.	4.6	89
4	Tandem Michael addition/intramolecular isocyanide [3 + 2] cycloaddition: highly diastereoselective one pot synthesis of fused oxazolines. Chemical Communications, 2010, 46, 3357.	4.1	45
5	Tandem Michael addition/isocyanide insertion into the Câ€“C bond: a novel access to 2-acylpyrroles and medium-ring fused pyrroles. Organic and Biomolecular Chemistry, 2013, 11, 7393.	2.8	41
6	Expedient and Divergent Tandem One-Pot Synthesis of Benz[e]indole and Spiro[indene-1,3â€²-pyrrole] Derivatives from Alkyne-Tethered Chalcones/Cinnamates and TosMIC. Organic Letters, 2015, 17, 3576-3579.	4.6	38
7	Photoinduced C(sp2)â€“H/C(sp2)â€“H Cross-Coupling of Alkenes: Direct Synthesis of 1,3-Dienes. Organic Letters, 2020, 22, 1692-1697.	4.6	31
8	1,3-Carbothiolation of 4-(Trifluoromethyl)-p-Quinols: A New Access to Functionalized (Trifluoromethyl)arenes. Organic Letters, 2013, 15, 6242-6245.	4.6	28
9	Î±-Trifluoromethyl-(indol-3-yl)methanols as trifluoromethylated C₃1,3-dipoles: [3+2] cycloaddition for the synthesis of 1-(trifluoromethyl)-cyclopenta[b]indole alkaloids. Chemical Communications, 2014, 50, 14797-14800.	4.1	27
10	Regiodivergent heterocyclization: a strategy for the synthesis of substituted pyrroles and furans using Î±-formyl ketene dithioacetals as common precursors. Chemical Communications, 2014, 50, 1797-1800.	4.1	26
11	Double nucleophilic attack on isocyanide carbon: a synthetic strategy for 7-aza-tetrahydroindoles. Chemical Communications, 2012, 48, 12228.	4.1	25
12	Learning from B₁₂ enzymes: biomimetic and bioinspired catalysts for eco-friendly organic synthesis. Beilstein Journal of Organic Chemistry, 2018, 14, 2553-2567.	2.2	24
13	Efficient synthesis of trifluoromethylated cyclopentadienes/fulvenes/norbornenes from divinyl ketones. Organic and Biomolecular Chemistry, 2013, 11, 6703.	2.8	22
14	Direct Synthesis of Pyrrolo[3,4â€c]quinolines from the Domino Reaction of Tosylmethyl Isocyanides and Aminochalcones. Advanced Synthesis and Catalysis, 2014, 356, 2974-2978.	4.3	21
15	Direct Synthesis of 6â€Azabicyclo[3.2.1]octâ€6â€enâ€2â€ones and Pyrrolizidines from Divinyl Ketones and Observation of Remarkable Substituent Effects. Advanced Synthesis and Catalysis, 2011, 353, 1218-1222.	4.3	19
16	[5+1]-Annulation Strategy Based on Alkenoyl Ketene Dithioacetals and Analogues. Synlett, 2011, 2011, 1073-1080.	1.8	17
17	Csp³â€“H bond functionalization of aminesviatunable iminium ions: divergent synthesis of trifluoromethylated arylamines. Chemical Communications, 2018, 54, 8721-8724.	4.1	17
18	Synthesis of Î³-Pyrones from Formal [4 + 2] Cyclization of Ketene Dithioacetals with Acyl Chlorides. Journal of Organic Chemistry, 2019, 84, 9603-9610.	3.2	16

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19	Aerobic copper-catalyzed oxidative [6C+1C] annulation: an efficient route to seven-membered carbocycles. Chemical Communications, 2014, 50, 8764-8767.	4.1	15
20	Friedelâ€“Crafts Coupling of Electron-Deficient Benzoylacetones Tuned by Remote Electronic Effects. Journal of Organic Chemistry, 2015, 80, 8282-8289.	3.2	15
21	Copper(II)â€Catalyzed Aerobic Oxidative Desulfitative 6Ï€ Electrocyclization: Efficient Synthesis of Diverse 4â€Aminoquinolines. Advanced Synthesis and Catalysis, 2017, 359, 2457-2470.	4.3	15
22	Triple Nucleophilic Attack of Nitromethane on (2-Iminoaryl)divinyl Ketones: A Domino Synthetic Strategy for Hexahydrophenanthridinones. Journal of Organic Chemistry, 2018, 83, 1232-1240.	3.2	15
23	Bicyclization of Isocyanides with Alkenoyl Bis(ketene dithioacetals): Access to 6,7-Dihydro-1H-indol-4(5H)-ones. Journal of Organic Chemistry, 2014, 79, 5929-5933.	3.2	14
24	A Ritter-Type Route to N-Benzylamides by Multicomponent Reaction Based on p-(Trifluoromethyl)-p-quinols. Organic Letters, 2018, 20, 6449-6452.	4.6	13
25	Visible-Light-Induced Formation of Thiavinyl 1,3-Dipoles: A Metal-Free [3+2] Oxidative Cyclization with Alkynes as Easy Access to Thiophenes. Organic Letters, 2021, 23, 3453-3459.	4.6	13
26	Visible-Light-Induced Sulfur-Alkenylation of Alkenes. Organic Letters, 2021, 23, 4870-4875.	4.6	11
27	Azo-coupling Decarboxylation Reaction ofÎ±-Carboxy Ketene Dithioacetals in Waterâ€“a New Route to 1,2-Diaza-1,3-butadienes. Chinese Journal of Chemistry, 2006, 24, 1431-1434.	4.9	10
28	Dithiolaneâ€Directed Tandem Oxidation/1,2â€Benzyl Migration of Tetramic Acids under Ambient Conditions. Advanced Synthesis and Catalysis, 2012, 354, 1712-1716.	4.3	10
29	Synthesis of 2â€(Trifluoromethyl)â€dibenzopyranones with Rhodium(III)â€catalyzed Formal antiâ€Michael Addition as Key Step. Advanced Synthesis and Catalysis, 2018, 360, 958-964.	4.3	10
30	Tandem Michael addition/imine isomerization/intramolecular [3+2] cycloaddition for the regiospecific synthesis of cyclohepta[b]pyrroles. Chemical Communications, 2014, 50, 11039.	4.1	9
31	Double oxidation of Î±-(alkylideneamino)nitriles to imides by molecular oxygen under mild basic conditions. Chemical Communications, 2014, 50, 14334-14337.	4.1	9
32	In situ generation and reactions of p-(trifluoromethyl)benzyl electrophiles: an efficient access to p-(trifluoromethyl)benzyl compounds. Chemical Communications, 2017, 53, 1668-1671.	4.1	9
33	Interruption of Formal Schmidt Rearrangement/Hosomiâ€“Sakurai Reaction of Vinyl Azides with Allyl/Propargylsilanes. Organic Letters, 2018, 20, 7113-7116.	4.6	9
34	An efficient pyrroline annulation of glycine imine with enones. RSC Advances, 2012, 2, 5138.	3.6	8
35	4-Trifluoromethyl-p-quinols as dielectrophiles: three-component, double nucleophilic addition/aromatization reactions. Scientific Reports, 2016, 6, 26957.	3.3	8
36	External Reductantâ€free Stepwise [3+2] Cycloaddition/Reductive Cyclization from 2â€Nitrochalcones and Isocyanides: Synthesis of Pyrrolo[3,4â€•c]quinoline N â€oxides. Asian Journal of Organic Chemistry, 2020, 9, 2201-2205.	2.7	8

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37	Synthesis of Î±â€Substituted Succinimides from Glyoxal and Ketene N,Sâ€Acetals. Asian Journal of Organic Chemistry, 2019, 8, 2121-2127.	2.7	3
38	Cyclization of Vinylketene Dithioacetals: A Synthetic Strategy for Substituted Thiophenes. Advanced Synthesis and Catalysis, 2021, 363, 234-243.	4.3	3
39	Reprint of: Impact of the corrin framework of vitamin B12 on the electrochemical carbon-skeleton rearrangement in comparison to an imine/oxime planar ligand; tuning selectivity in 1,2-migration of a functional group by controlling electrolysis potential. Journal of Inorganic Biochemistry, 2017, 177, 438-443.	3.5	2
40	Practical Synthesis of Î²â€Ketothioesters by Acidâ€Catalyzed Hydrolysis of Ketene N,Sâ€Acetals with Amino as the Leaving Group. European Journal of Organic Chemistry, 2019, 2019, 3704-3710.	2.4	2
41	Impact of the corrin framework of vitamin B12 on the electrochemical carbon-skeleton rearrangement in comparison to an imine/oxime planar ligand; tuning selectivity in 1,2-migration of a functional group by controlling electrolysis potential. Journal of Inorganic Biochemistry, 2017, 175, 239-243.	3.5	1
42	Cs + /Alcohol Promoted[4C+2C]Annulation: ASynthetic Strategy for Polysubstituted Phenols. Asian Journal of Organic Chemistry, 2020, 9, 1841-1845.	2.7	1