

Dasheng Leow

List of Publications by Year in descending order

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28
papers

3,571
citations

304368

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46
times ranked

3302
citing authors

#	ARTICLE	IF	CITATIONS
1	Activation of remote meta-C-H bonds assisted by an end-on template. <i>Nature</i> , 2012, 486, 518-522.	13.7	794
2	Palladium-Catalyzed <i>meta</i> -Selective C-H Bond Activation with a Nitrile-Containing Template: Computational Study on Mechanism and Origins of Selectivity. <i>Journal of the American Chemical Society</i> , 2014, 136, 344-355.	6.6	317
3	Pd(II)-Catalyzed <i>para</i> -Selective C-H Arylation of Monosubstituted Arenes. <i>Journal of the American Chemical Society</i> , 2011, 133, 13864-13867.	6.6	312
4	Chiral Guanidine Catalyzed Enantioselective Reactions. <i>Chemistry - an Asian Journal</i> , 2009, 4, 488-507.	1.7	268
5	Enantioselective Synthesis of Chiral Allenolates by Guanidine-Catalyzed Isomerization of 3-Alkynoates. <i>Journal of the American Chemical Society</i> , 2009, 131, 7212-7213.	6.6	246
6	Hydroxyl-directed C-H carbonylation enabled by mono-N-protected amino acid ligands: An expedient route to 1-isochromanones. <i>Chemical Science</i> , 2011, 2, 967.	3.7	187
7	Enantioselective Protonation Catalyzed by a Chiral Bicyclic Guanidine Derivative. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 5641-5645.	7.2	183
8	Ether-Directed <i>ortho</i> -C-H Olefination with a Palladium(II)/Monoprotected Amino Acid Catalyst. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 1245-1247.	7.2	145
9	Pd(II)-Catalyzed C-H Functionalizations Directed by Distal Weakly Coordinating Functional Groups. <i>Journal of the American Chemical Society</i> , 2015, 137, 4391-4397.	6.6	143
10	Organic dye photocatalyzed β -oxyamination through irradiation with visible light. <i>Green Chemistry</i> , 2010, 12, 953.	4.6	138
11	Synthesis of Indolines via Pd(II)-Catalyzed Amination of C-H Bonds Using PhI(OAc) ₂ as the Bystanding Oxidant. <i>Organic Letters</i> , 2013, 15, 3058-3061.	2.4	120
12	Chiral Bicyclic Guanidine as a Versatile Brønsted Base Catalyst for the Enantioselective Michael Reactions of Dithiomalonates and β -Keto Thioesters. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 2454-2458.	2.1	107
13	Phenazinium Salt-Catalyzed Aerobic Oxidative Amidation of Aromatic Aldehydes. <i>Organic Letters</i> , 2014, 16, 5812-5815.	2.4	98
14	Chiral bicyclic guanidines: a concise and efficient aziridine-based synthesis. <i>Tetrahedron Letters</i> , 2006, 47, 1007-1010.	0.7	70
15	Brønsted Base-Catalyzed Tandem Isomerization-Michael Reactions of Alkynes: Synthesis of Oxacycles and Azacycles. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 3373-3379.	2.1	61
16	Enantioselective Protonation of Itaconimides with Thiols and the Rotational Kinetics of the Axially Chiral C ₂ N Bond. <i>Chemistry - an Asian Journal</i> , 2009, 4, 1741-1744.	1.7	60
17	Metal-catalysed reactions enabled by guanidine-type ligands. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 4689-4699.	1.5	40
18	Recent Advances in Chiral Guanidine-Catalyzed Enantioselective Reactions. <i>Chemistry - an Asian Journal</i> , 2019, 14, 3803-3822.	1.7	37

#	ARTICLE	IF	CITATIONS
19	Catalytic Reactions of Chiral Guanidines and Guanidinium Salts. <i>Synlett</i> , 2010, 2010, 1589-1605.	1.0	26
20	Remazolâ€Catalyzed Hydroperoxyarylation of Styrenes. <i>Chemistry - an Asian Journal</i> , 2015, 10, 1618-1621.	1.7	25
21	Asymmetric Brook Rearrangement. <i>Asian Journal of Organic Chemistry</i> , 2019, 8, 25-31.	1.3	24
22	Photodriven Transfer Hydrogenation of Olefins. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 7347-7352.	1.2	15
23	Bisguanidinium-Catalyzed Epoxidation of Allylic and Homoallylic Amines under Phase Transfer Conditions. <i>ACS Catalysis</i> , 2020, 10, 2684-2691.	5.5	15
24	Photocatalytic direct intermolecular addition of 1,3-dithianes. <i>RSC Advances</i> , 2015, 5, 86402-86406.	1.7	9
25	Organocatalytic Enantioselective Protonation of Enol Derivatives. <i>Mini-Reviews in Organic Chemistry</i> , 2014, 11, 410-423.	0.6	9
26	3-Amino-1,2,4(4 <i>H</i>)-oxadiazol-5-one (AOD) and its nitrogen-rich salts: a class of insensitive energetic materials. <i>New Journal of Chemistry</i> , 2018, 42, 1840-1844.	1.4	5
27	Chiral Bicyclic Guanidine, Bis-Guanidinium, Pentanidium and Related Organocatalysts. <i>Topics in Heterocyclic Chemistry</i> , 2015, , 129-155.	0.2	2
28	2-Phthalimidoacrylates. <i>Synlett</i> , 2014, 25, 1482-1483.	1.0	1