Xiao-long Zhang

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8682070/publications.pdf

Version: 2024-02-01

26 papers	493 citations	759233 12 h-index	677142 22 g-index
27 all docs	27 docs citations	27 times ranked	531 citing authors

#	Article	IF	Citations
1	Dual Organocatalytic Ionâ€Pair Assemblies: A Highly Efficient Approach for the Enantioselective Oxaâ€Michaelâ€“Mannich Reaction of Salicylic Aldehydes with Cyclohexenones. Chemistry - A European Journal, 2010, 16, 801-804.	3.3	66
2	Chiral amine/chiral acid as an excellent organocatalytic system for the enantioselective tandem oxa-Michael-aldol reaction. Organic and Biomolecular Chemistry, 2009, 7, 4539.	2.8	65
3	Enantioselective Cascade Oxaâ€Michaelâ€“Michael Reactions of 2â€Hydroxynitrostyrenes with Enones Using a Prolinol Thioether Catalyst. Advanced Synthesis and Catalysis, 2014, 356, 1753-1760.	4.3	41
4	Highly Enantioselective Organocatalytic Michael Addition of 2â€Hydroxyâ€1,4â€naphthoquinone to Î²,Î³â€Unsaturated Î±â€Oxo Esters. European Journal of Organic Chemistry, 2010, 2010, 4981-4985.	2.4	40
5	Organocatalytic Dielsâ€“Alder Reactions Catalysed by Supramolecular Selfâ€Assemblies Formed from Chiral Amines and Poly(alkene glycol)s. Chemistry - A European Journal, 2012, 18, 1055-1059.	3.3	37
6	Oneâ€Pot Organocatalytic Asymmetric Synthesis of 3â€Nitroâ€1,2â€dihydroquinolines by a Dualâ€Activation Protocol. Chemistry - an Asian Journal, 2009, 4, 1834-1838.	3.3	34
7	Combining Organocatalysis and Iodine Catalysis: One-Pot Sequential Catalytic Synthesis of Chiral Spirodihydrobenzofuran Pyrazolones and Spirodihydrobenzofuran Oxindoles. Organic Letters, 2018, 20, 5840-5844.	4.6	34
8	Oneâ€Pot Organocatalytic Michael Addition/I₂â€Mediated Cyclization Sequence: Metalâ€Free Synthesis of Spiropyrazolones from 1,3â€Diketones and Unsaturated Pyrazolones. European Journal of Organic Chemistry, 2017, 2017, 3152-3160.	2.4	21
9	One-pot asymmetric synthesis of a spiro[dihydrofurocoumarin/pyrazolone] scaffold by a Michael addition/I₂-mediated cyclization sequence. Organic and Biomolecular Chemistry, 2017, 15, 5709-5718.	2.8	18
10	Asymmetric synthesis of polysubstituted chiral chromans via an organocatalytic oxa-Michael-nitro-Michael domino reaction. RSC Advances, 2018, 8, 3095-3098.	3.6	15
11	Prolinethiol Ether Catalysis in an Asymmetric Michael Reaction: Solvent-Free Synthesis of Functionalized Monohaloalkenes. Journal of Organic Chemistry, 2013, 78, 1254-1259.	3.2	13
12	Asymmetric Synthesis of 2,3â€Dihydrofurans by Oneâ€Pot Michael Addition/I₂â€Mediated Cyclization. European Journal of Organic Chemistry, 2018, 2018, 2918-2925.	2.4	13
13	Highly enantioselective Michael reaction employing cycloheptanone and cyclooctanone as nucleophiles. New Journal of Chemistry, 2015, 39, 355-360.	2.8	12
14	Enantioselective synthesis of functionalized 3,4-disubstituted dihydro-2(1H)-quinolinones via Michaelâ€“hemiaminalization/oxidation reaction. New Journal of Chemistry, 2015, 39, 5088-5091.	2.8	8
15	Merging catalyst-free synthesis and iodine catalysis: one-pot synthesis of dihydrofuropyrimidines and spirodihydrofuropyrimidine pyrazolones. RSC Advances, 2019, 9, 9770-9776.	3.6	6
16	Enantioselective Oneâ€Pot Reaction: Organocatalyzed Synthesis of Fully Functionalized Oxabicyclo[2.2.2]octanes with Seven Contiguous Stereocenters. Advanced Synthesis and Catalysis, 2016, 358, 3155-3160.	4.3	5
17	Aminocatalytic Enantioselective 1, 6â€Addition of (Nitromethyl)benzenes to Î±, Î², Î³, Î´â€Cyclic Dienones. European Journal of Organic Chemistry, 2019, 2019, 6626-6630.	2.4	5
18	Asymmetric Synthesis of Functionalized Nitrophenols via a Copper(II)â€Mediated Bromination/Debromination Aromatization Sequence. Asian Journal of Organic Chemistry, 2017, 6, 967-972.	2.7	4

#	Article	IF	Citations
19	Tryptophan/copper-catalyzed aromatization reaction of chiral cyclohexanones to phenols. Organic and Biomolecular Chemistry, 2017, 15, 5126-5130.	2.8	3
20	Direct N-alkylation of sulfur-containing amines. Organic and Biomolecular Chemistry, 2021, 19, 4478-4482.	2.8	3
21	Base-controlled chemoselectivity: direct coupling of alcohols and acetonitriles to synthesise Î±-alkylated arylacetonitriles or acetamides. New Journal of Chemistry, 2021, 45, 15200-15204.	2.8	3
22	Iodineâ€Catalyzed Aerobic Oxidative Cleavage of Câ€“C Îâ€Bonds: Difunctionalization of Dienones. European Journal of Organic Chemistry, 2020, 2020, 5735-5740.	2.4	2
23	One-pot asymmetric synthesis of a hexahydrophenanthridine scaffold containing five stereocenters via an organocatalytic quadruple-cascade reaction. New Journal of Chemistry, 2021, 45, 1168-1171.	2.8	1
24	Synthesis and Crystal Structure Characterization of (1R,3S,4S,5S,6S,7R,8S)-8-(4-chlorophenyl)-3-hydroxy-7-methyl-6-nitro-N,5-diphenyl-2-oxabicyclo-[2.2.2]octane-1-carboxamide. Molecular Crystals and Liquid Crystals, 2015, 609, 240-248.	0.9	0
25	Synthesis and Crystal Structure Characterization of (1R,2R,3R,5S)-3-(3-chlorophenyl)-1-hydroxy-2-methyl-6-phenyl-8-oxa-6-azabicyclo[3.2.1]octan-7-one. Molecular Crystals and Liquid Crystals, 2015, 607, 215-222.	0.9	0
26	Front Cover Picture: Enantioselective One-Pot Reaction: Organocatalyzed Synthesis of Fully Functionalized Oxabicyclo[2.2.2]octanes with Seven Contiguous Stereocenters (Adv. Synth. Catal.) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	4.3	0