

Wen-Xian Zhao

List of Publications by Year in descending order

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28
papers

621
citations

759233

12
h-index

580821

25
g-index

32
all docs

32
docs citations

32
times ranked

630
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric Synthesis of P-Stereogenic Phosphinic Amides via Pd(0)-Catalyzed Enantioselective Intramolecular C–H Arylation. <i>Organic Letters</i> , 2015, 17, 2046-2049.	4.6	115
2	Asymmetric Synthesis of Planar Chiral Ferrocenes by Enantioselective Intramolecular C–H Arylation of <i>N</i> -(2-Haloaryl)ferrocenecarboxamides. <i>Organic Letters</i> , 2014, 16, 5336-5338.	4.6	109
3	Evaluation of Enantiopure <i>N</i> -(Ferrocenylmethyl)azetidin-2-yl(diphenyl)methanol for Catalytic Asymmetric Addition of Organozinc Reagents to Aldehydes. <i>Journal of Organic Chemistry</i> , 2008, 73, 168-176.	3.2	96
4	N-heterocyclic carbene-palladium(II) complexes with benzoxazole or benzothiazole ligands: Synthesis, characterization, and application to Suzuki–Miyaura cross-coupling reaction. <i>Journal of Organometallic Chemistry</i> , 2016, 804, 73-79.	1.8	43
5	Progress in Difunctionalization of Alkenes. <i>Chinese Journal of Organic Chemistry</i> , 2019, 39, 625.	1.3	35
6	The ortho effect: copper-catalyzed highly enantioselective 1,4-conjugate addition of diethylzinc to chalcones. <i>Tetrahedron: Asymmetry</i> , 2006, 17, 136-141.	1.8	33
7	Catalytic stereoselective cascade reactions of quinols with trifluoromethyl ketones: direct access to CF ₃ -containing 1,3-dioxolanes. <i>Organic and Biomolecular Chemistry</i> , 2016, 14, 3981-3988.	2.8	22
8	Silver salts and DBU cooperatively catalyzed nucleophilic addition/cyclization of propargylic alcohols with trifluoromethyl ketones. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5399-5406.	2.8	18
9	New Enantiopure <i>N</i> -Ferrocenylmethyl Azetidin-2-yl(diphenyl)methanol and Its Application in Catalytic Asymmetric Ethylation and Arylation of Arylaldehydes. <i>Synlett</i> , 2006, 2006, 3443-3446.	1.8	15
10	Synthesis and characterization of trinuclear N-heterocyclic carbene–palladium(<i>ii</i>) complexes and their applications in the Suzuki–Miyaura cross-coupling reaction. <i>RSC Advances</i> , 2016, 6, 100690-100695.	3.6	15
11	Heat capacities and thermodynamic properties of Cr-MIL-101. <i>Journal of Thermal Analysis and Calorimetry</i> , 2017, 129, 509-514.	3.6	14
12	Synthesis of dendrimer-supported ferrocenylmethyl aziridino alcohol ligands and their application in asymmetric catalysis. <i>Green Chemistry</i> , 2015, 17, 2924-2930.	9.0	13
13	Enantioselective copper(II)-catalyzed Henry reaction utilizing chiral aziridinyl alcohols. <i>Applied Organometallic Chemistry</i> , 2014, 28, 892-899.	3.5	12
14	Enantioselective addition of diethylzinc to aldehydes catalyzed by aziridine carbinols. <i>Tetrahedron: Asymmetry</i> , 2015, 26, 815-820.	1.8	12
15	Synthesis of MeO-PEG2000-supported chiral ferrocenyl oxazoline carbinol ligand and its application in asymmetric catalysis. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 1139-1144.	1.8	9
16	One-pot synthesis of 3,4-dihydropyridin-2-ones via tandem reaction of Blaise reaction intermediate and acrylic ester. <i>Applied Organometallic Chemistry</i> , 2016, 30, 47-50.	3.5	9
17	Cycloaddition of β -Hydroxy- α,β -unsaturated Ketones with Cyclic N-Sulfinimes: Highly Stereoselective Synthesis of Polyheterocyclic 1,3-Oxazolidine Derivatives. <i>Synthesis</i> , 2016, 48, 441-447.	2.3	8
18	<i>catena</i> -Poly[[[diaquairon(II)]- $\frac{1}{4}$ -pyrazine-2,3-dicarboxylato] dihydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m104-m104.	0.2	8

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19	Silver salts and DBU cooperatively catalyzed domino reaction of propargylic alcohols with trifluoromethyl ketones: direct method to trifluoromethyl-substituted 5-alkylidene-1,3-dioxolane derivatives. <i>Applied Organometallic Chemistry</i> , 2017, 31, e3545.	3.5	7
20	Enantioselective copper(II)-catalyzed conjugate addition of diethylzinc to β^2 -substituted enones utilizing BINOL-based phosphoramidite ligands. <i>Tetrahedron: Asymmetry</i> , 2016, 27, 157-162.	1.8	6
21	Facile Synthesis of 1,3,5-Oxadiazin-2-one Derivatives through Three-Component One-Pot Cyclization of Molecular Iodine, Ynamides and Nitriles. <i>Chinese Journal of Organic Chemistry</i> , 2015, 35, 2108.	1.3	5
22	An easily available N-heterocyclic carbene-palladium(II) catalyst for Buchwald-Hartwig amination of aryl chlorides. <i>Transition Metal Chemistry</i> , 2016, 41, 525-529.	1.4	4
23	Progress in Efficient Chiral Phosphine Ligand. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 2301.	1.3	4
24	Synthesis of β^2 -alkoxy Amines from Alkenes, Sulfonyl Azides, and Alcohols through Copper-Catalyzed Three-Component Tandem Reactions via Regioselective Ring-Opening of Aziridine Intermediates. <i>Asian Journal of Organic Chemistry</i> , 2021, 10, 1161-1166.	2.7	3
25	catena-Poly[[[diaquairon(II)]- $\frac{1}{4}$ -pyridine-2,5-dicarboxylato-[tetraaquairon(II)]- $\frac{1}{4}$ -pyridine-2,5-dicarboxylato] tetrahydrate]. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, m413-m413.	0.2	3
26	Palladium Catalyzed Oxidation of Ynamides Using Dimethyl Sulfoxide as Oxidant: A Facile Way to Synthesize β^2 -Ketoamide Derivatives. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 1382.	1.3	2
27	1,1'-[o-Phenylenebis(nitrilomethylidyne)]di-2-naphthol ethanol hemisolvate. <i>Acta Crystallographica Section E: Structure Reports Online</i> , 2008, 64, o1520-o1520.	0.2	1
28	One-Pot Three-Component Synthesis of Novel Carbamate Compounds Mediated by Zinc Powder. <i>Chinese Journal of Organic Chemistry</i> , 2014, 34, 1588.	1.3	0