

Jing Wu

List of Publications by Year in descending order

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26
papers

1,365
citations

394421

19
h-index

580821

25
g-index

26
all docs

26
docs citations

26
times ranked

1479
citing authors

#	ARTICLE	IF	CITATIONS
1	A New Class of Versatile Chiral-Bridged Atropisomeric Diphosphine Ligands: Remarkably Efficient Ligand Syntheses and Their Applications in Highly Enantioselective Hydrogenation Reactions. <i>Journal of the American Chemical Society</i> , 2006, 128, 5955-5965.	13.7	267
2	P-Phos: A Family of Versatile and Effective Atropisomeric Dipyridylphosphine Ligands in Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2006, 39, 711-720.	15.6	123
3	A remarkably effective copper(II)-dipyridylphosphine catalyst system for the asymmetric hydrosilylation of ketones in air. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2005, 102, 3570-3575.	7.1	105
4	Asymmetric Catalysis Special Feature Part II: Remarkably diastereoselective synthesis of a chiral biphenyl diphosphine ligand and its application in asymmetric hydrogenation. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 5815-5820.	7.1	95
5	Self-Assembly of Chiral Metallacycles and Metallacages from a Directionally Adaptable BINOL-Derived Donor. <i>Journal of the American Chemical Society</i> , 2015, 137, 11896-11899.	13.7	94
6	Efficient Synthesis of β^2, β^3 -Alkynyl α -Amino Acid Derivatives by Ag(I TM)-Catalyzed Alkynylation of α -Imino Esters. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 42-44.	4.3	78
7	Ru-Catalyzed Highly Enantioselective Hydrogenation of β^2 -Alkyl-Substituted β^2 -(Acylamino)acrylates. <i>Journal of Organic Chemistry</i> , 2003, 68, 2490-2493.	3.2	64
8	Copper(II)-Catalyzed Hydrosilylation of Ketones Using Chiral Dipyridylphosphane Ligands: Highly Enantioselective Synthesis of Valuable Alcohols. <i>Chemistry - A European Journal</i> , 2011, 17, 14234-14240.	3.3	57
9	Recent advances in the template-directed synthesis of porphyrin nanorings. <i>Chemical Communications</i> , 2016, 52, 10205-10216.	4.1	54
10	An acid/base switchable and reversibly cross-linkable polyrotaxane. <i>Polymer Chemistry</i> , 2014, 5, 3994-4001.	3.9	53
11	Controllable hierarchical self-assembly of porphyrin-derived supra-amphiphiles. <i>Nature Communications</i> , 2019, 10, 1399.	12.8	51
12	Self-Assembly of [3]Catenanes and a [4]Molecular Necklace Based on a Cryptand/Paraquat Recognition Motif. <i>Organic Letters</i> , 2015, 17, 2804-2807.	4.6	46
13	Synthesis of β^2 -Amino Acid Derivatives via Copper-Catalyzed Asymmetric 1,4-Reduction of β^2 -(Acylamino)acrylates. <i>Organic Letters</i> , 2011, 13, 1754-1757.	4.6	39
14	Assembly of Enantioenriched <i>cis</i> - β^3, β^8 -Hexahydropyrrolo[2,3- <i>b</i>]indole Scaffolds by Silver(I)-Catalyzed Asymmetric Domino Reaction of Isocyanoacetates in the Presence of Cinchona-Derived Chiral Phosphorus Ligands. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 970-976.	4.3	37
15	A facile strategy for the preparation of well-dispersed bimetal oxide CuFe ₂ O ₄ nanoparticles supported on mesoporous silica. <i>Journal of Materials Chemistry A</i> , 2013, 1, 6742.	10.3	34
16	An Efficient Approach to Chiral Ferrocene-Based Secondary Alcohols via Asymmetric Hydrogenation of Ferrocenyl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 370-374.	4.3	32
17	A supramolecularly tunable chiral diphosphine ligand: application to Rh and Ir-catalyzed enantioselective hydrogenation. <i>Chemical Science</i> , 2016, 7, 4594-4599.	7.4	28
18	Copper-Dipyridylphosphine-Polymethylhydrosiloxane: A Practical and Effective System for the Asymmetric Catalytic Hydrosilylation of Ketones. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1457-1462.	4.3	27

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19	Mesoporous silica KIT-6 supported superparamagnetic CuFe ₂ O ₄ nanoparticles for catalytic asymmetric hydrosilylation of ketones in air. <i>Green Chemistry</i> , 2014, 16, 2680-2688.	9.0	25
20	A Convenient Synthesis of 2,2',6,6'-Tetramethoxy-4,4'-bis(dicyclohexylphosphino)-3,3'-bipyridine (Cy-P-Phos): Application in Rh-Catalyzed Asymmetric Hydrogenation of α -(Acylamino)acrylates. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 507-511.	4.3	18
21	Catalytic asymmetric addition reactions leading to carbon-carbon bond formation: Phenyl and alkenyl transfer to aldehydes and alkynylation of α -imino esters. <i>Pure and Applied Chemistry</i> , 2006, 78, 267-274.	1.9	11
22	Synthesis of <i>N</i> -aryl α -amino acid derivatives via Cu(scp) ₂ -catalyzed asymmetric 1,4-reduction in air. <i>RSC Advances</i> , 2019, 9, 9187-9192.	3.6	10
23	Flexible porphyrin cages and nanorings. <i>Journal of Porphyrins and Phthalocyanines</i> , 2018, 22, 726-738.	0.8	9
24	Cu(II)-Catalyzed Enantioselective Conjugate Reduction for the Synthesis of <i>N</i> -Aryl α -Amino Acid Esters. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2611-2614.	4.9	5
25	Complexation of Paraquat and Diazapyrenium Derivatives with Dipyrido[30]crown-10. <i>European Journal of Organic Chemistry</i> , 2012, 2012, n/a-n/a.	2.4	3
26	Asymmetric Hydrogenation of Alkenes, Enones, Ene-Esters and Ene-Acids. , 0, , 35-86.		0