

Liqin Qiu

List of Publications by Year in descending order

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42
papers

1,329
citations

361413

20
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345221

36
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43
all docs

43
docs citations

43
times ranked

1292
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	Highly Efficient Synthesis of a Class of Novel Chiral-Bridged Atropisomeric Monophosphine Ligands via Simple Desymmetrization and Their Applications in Asymmetric Suzuki-Miyaura Coupling Reaction. <i>Organic Letters</i> , 2012, 14, 1966-1969.	4.6	106
3	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
4	Enantioselective Synthesis of Axially Chiral Biaryl Monophosphine Oxides via Direct Asymmetric Suzuki Coupling and DFT Investigations of the Enantioselectivity. <i>ACS Catalysis</i> , 2014, 4, 1390-1397.	11.2	73
5	Rhodium-BisbenzodioxanPhos Complex-Catalyzed Homogeneous Enantioselective Pauson-Khand-Type Cyclization in Alcoholic Solvents. <i>Advanced Synthesis and Catalysis</i> , 2005, 347, 1750-1754.	4.3	66
6	Enantioselective Synthesis of Axially Chiral Multifunctionalized Biaryls via Asymmetric Suzuki-Miyaura Coupling. <i>Organic Letters</i> , 2013, 15, 5508-5511.	4.6	66
7	Synthesis of Novel Diastereomeric Diphosphine Ligands and Their Applications in Asymmetric Hydrogenation Reactions. <i>Organic Letters</i> , 2002, 4, 4599-4602.	4.6	57
8	Highly Diastereoselective Synthesis of Atropisomeric Bridged P,N-Ligands and Their Applications in Asymmetric Suzuki-Miyaura Coupling Reaction. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 2395-2402.	4.3	39
9	Design, synthesis and biological evaluation of new quinoline derivatives as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 154-167.	5.5	37
10	Enantioselective hydrogenation of α -aminomethylacrylates containing a free NH group for the synthesis of beta-amino acid derivatives. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 16787-16792.	7.1	33
11	A General Approach to the Synthesis of β -Amino Acid Derivatives via Highly Efficient Catalytic Asymmetric Hydrogenation of β -Aminomethylacrylates. <i>Advanced Synthesis and Catalysis</i> , 2010, 352, 1539-1553.	4.3	32
12	Highly Enantioselective Synthesis of 2,3-Dihydro-1H-imidazo[2,1-a]isoindol-5(9bH)-ones via Catalytic Asymmetric Intramolecular Cascade Imidization-Nucleophilic Addition-Lactamization. <i>Organic Letters</i> , 2014, 16, 6366-6369.	4.6	32
13	Metal-organic aerogels based on dinuclear rhodium paddle-wheel units: design, synthesis and catalysis. <i>Inorganic Chemistry Frontiers</i> , 2016, 3, 702-710.	6.0	30
14	Synthesis and Neuroprotective Action of Xyloketal Derivatives in Parkinson's Disease Models. <i>Marine Drugs</i> , 2013, 11, 5159-5189.	4.6	30
15	Synthesis of New Chiral Aryl Diphosphite Ligands Derived from Pyranoside Backbone of Monosaccharides and Their Application in Copper-Catalyzed Asymmetric Conjugate Addition of Diethylzinc to Cyclic Enones. <i>Advanced Synthesis and Catalysis</i> , 2004, 346, 947-953.	4.3	29
16	Highly Efficient Asymmetric Hydrogenation of α,β -Unsaturated Carboxylic Acids Catalyzed by Ruthenium(II)-Dipyridylphosphine Complexes. <i>Advanced Synthesis and Catalysis</i> , 2007, 349, 517-520.	4.3	28
17	Synthesis of a Class of Chiral-Bridged Phosphoramidite Ligands and Their Applications in the First Iridium-Catalyzed Asymmetric Addition of Arylboronic Acids to Isatins. <i>Journal of Organic Chemistry</i> , 2015, 80, 6968-6975.	3.2	25
18	Synthesis of Chiral-Bridged Atropisomeric Monophosphine Ligands with Tunable Dihedral Angles and their Applications in Asymmetric Suzuki-Miyaura Coupling Reactions. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1656-1662.	4.3	24

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19	Design, synthesis, structure-activity relationships and mechanism of action of new quinoline derivatives as potential antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2019, 162, 666-678.	5.5	23
20	Crystal Facet Induced Single-Atom Pd/Co ₂ O ₃ on a Tunable Metal-Support Interface for Low Temperature Catalytic Oxidation. <i>Small</i> , 2020, 16, e2002071.	10.0	22
21	Enantioselective Hydrogenation of the Double Bond of Exocyclic β -Unsaturated Carbonyl Compounds Catalyzed by Iridium/H ₈ -BINOL-Derived Phosphine-Oxazoline Complexes. <i>Asian Journal of Organic Chemistry</i> , 2014, 3, 774-783.	2.7	21
22	Synthesis and biological evaluation of novel bivalent β -carbolines as potential antitumor agents. <i>MedChemComm</i> , 2014, 5, 953-957.	3.4	20
23	Synthesis of a class of new phosphine-oxazoline ligands and their applications in palladium-catalyzed asymmetric addition of arylboronic acids to isatins. <i>Applied Catalysis A: General</i> , 2013, 458, 201-206.	4.3	18
24	Synthesis and biological evaluation of piperazine group-linked bivalent β -carbolines as potential antitumor agents. <i>MedChemComm</i> , 2015, 6, 2170-2174.	3.4	17
25	Design and Synthesis of Novel Xyloketal Derivatives and Their Protective Activities against H ₂ O ₂ -Induced HUVEC Injury. <i>Marine Drugs</i> , 2015, 13, 948-973.	4.6	15
26	Enantioselective Syntheses of Tricyclic Benzimidazoles via Intramolecular Allylic Aminations with Chiral-Bridged Biphenyl Phosphoramidite Ligands. <i>Organic Letters</i> , 2019, 21, 608-613.	4.6	14
27	Copper-catalyzed (4+1) and (3+2) cyclizations of iodonium ylides with alkynes. <i>Chemical Communications</i> , 2020, 56, 11429-11432.	4.1	11
28	Copper-Catalyzed Enantioselective C-H Arylation between 2-Arylindoles and Hypervalent Iodine Reagents. <i>Organic Letters</i> , 2021, 23, 9246-9250.	4.6	11
29	Highly Efficient Synthesis of Heterocyclic and Alicyclic β -Amino Acid Derivatives by Catalytic Asymmetric Hydrogenation. <i>Chemistry - an Asian Journal</i> , 2013, 8, 2167-2174.	3.3	10
30	Enantioselective synthesis of chiral heterocyclic biaryls via asymmetric Suzuki-Miyaura cross-coupling of 3-bromopyridine derivatives. <i>Organic and Biomolecular Chemistry</i> , 2019, 17, 2351-2355.	2.8	10
31	Synthesis of six-membered spirooxindoles via a chiral Brønsted acid-catalyzed asymmetric intramolecular Friedel-Crafts reaction. <i>RSC Advances</i> , 2018, 8, 37035-37039.	3.6	9
32	Highly efficient synthesis of benzodioxins with a 2-site quaternary carbon structure by secondary amine-catalyzed dual Michael cascade reactions. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 5533-5538.	2.8	9
33	Palladium-Catalyzed Suzuki-Miyaura Coupling Reactions of Boronic Acid Derivatives with Aryl Chlorides. <i>Asian Journal of Organic Chemistry</i> , 2016, 5, 1260-1268.	2.7	7
34	Nickel(II)-catalyzed addition reaction of arylboronic acids to isatins. <i>Tetrahedron</i> , 2018, 74, 2245-2250.	1.9	7
35	Pd-catalyzed asymmetric Suzuki-Miyaura coupling reactions for the synthesis of chiral biaryl compounds with a large steric substituent at the 2-position. <i>Beilstein Journal of Organic Chemistry</i> , 2020, 16, 966-973.	2.2	7
36	Synthesis of a class of binaphthyl monophosphine ligands with a naphthofuran skeleton and their applications in Suzuki-Miyaura coupling reactions. <i>New Journal of Chemistry</i> , 2018, 42, 5967-5971.	2.8	6

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37	Unexpected Brønsted Acid-Catalyzed Domino Reaction of 3-Hydroxyisoindolin-1-ones and <i>N</i> -tert-Butyl Hydrazones for the Synthesis of 3-(Hydrazono)isoindolin-1-ones. <i>European Journal of Organic Chemistry</i> , 2018, 2018, 6733-6737.	2.4	6
38	Iridium-catalyzed intramolecular asymmetric allylic etherification of salicylic acid derivatives with chiral-bridged biphenyl phosphoramidite ligands. <i>Organic Chemistry Frontiers</i> , 2021, 8, 4514-4519.	4.5	5
39	Nickel-Catalyzed Decarbonylative Cycloaddition of Benzofuran-2,3-diones with Alkynes to Flavones. <i>Advanced Synthesis and Catalysis</i> , 2022, 364, 525-530.	4.3	5
40	Enantioselective Construction of Pyrimidine-Fused Diazepinone Derivatives Bearing a Tertiary Stereogenic Center Enabled by Iridium-Catalysed Intramolecular Allylic Substitution. <i>Advanced Synthesis and Catalysis</i> , 2021, 363, 3227-3232.	4.3	4
41	Enantioselective Syntheses of Axially Chiral Phosphonates or Phosphine Oxides via Asymmetric Suzuki Reactions with Chiral Sulfinamide Monophosphine Ligands. <i>ChemistrySelect</i> , 2019, 4, 5122-5125.	1.5	2
42	Design and Synthesis of 4(1H)-quinolone Derivatives as Autophagy Inducing Agents by Targeting ATG5 Protein. <i>Letters in Drug Design and Discovery</i> , 2020, 17, 884-890.	0.7	1