

Kui-Ling Ding

List of Publications by Year in descending order

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215
papers

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17776

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docs citations

340
times ranked

8734
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#	ARTICLE	IF	CITATIONS
1	Palladium-Catalyzed Enantioselective Intramolecular Heck Carbonylation Reactions: Asymmetric Synthesis of α -Oxindole Ynones and Carboxylic Acids. <i>Chemistry - A European Journal</i> , 2022, 28, .	1.7	15
2	Kinetic Insights into Cyanosilylation of Aldehydes Catalyzed by a Covalently Bridged Dinuclear (Salen)titanium Complex. <i>Asian Journal of Organic Chemistry</i> , 2022, 11, .	1.3	3
3	Phosphine-catalyzed divergent domino processes between β^3 -substituted allenolates and carbonyl-activated alkenes. <i>Chemical Science</i> , 2022, 13, 3161-3168.	3.7	15
4	A Powerful Chiral Super Brønsted C-H Acid for Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2022, 144, 2853-2860.	6.6	21
5	Targeting the tumor microenvironment by an enzyme-responsive prodrug of tubulin destabilizer for triple-negative breast cancer therapy with high safety. <i>European Journal of Medicinal Chemistry</i> , 2022, 236, 114344.	2.6	3
6	A Type of Structurally Adaptable Aromatic Spiroketal Based Chiral Diphosphine Ligands in Asymmetric Catalysis. <i>Accounts of Chemical Research</i> , 2021, 54, 668-684.	7.6	61
7	Enantioselective Synthesis of Pyroglutamic Acid Esters from Glycinate via Carbonyl Catalysis. <i>Angewandte Chemie</i> , 2021, 133, 10682-10686.	1.6	6
8	Enantioselective Synthesis of Pyroglutamic Acid Esters from Glycinate via Carbonyl Catalysis. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 10588-10592.	7.2	38
9	Rhodium-Catalyzed Regioselective Hydroformylation of Alkynes to β,β -Unsaturated Aldehydes Using Formic Acid. <i>Organic Letters</i> , 2021, 23, 2074-2077.	2.4	17
10	Pd-Catalyzed Regio- and Enantioselective Aminoarylation of Allenols with Aryl Iodides and 2-Pyridones. <i>Organic Letters</i> , 2021, 23, 3567-3572.	2.4	17
11	Ni-Catalyzed Regioselective Hydroarylation of $1\text{-}Ar\text{-}1,3\text{-}Butadienes$ with Aryl Halides. <i>Chemistry - A European Journal</i> , 2021, 27, 15903-15907.	1.7	10
12	Bifunctional chiral selenium-containing 1,4-diarylazetidines with potent antitumor activities by disrupting tubulin polymerization and inducing reactive oxygen species production. <i>European Journal of Medicinal Chemistry</i> , 2021, 221, 113531.	2.6	13
13	Practical Enantioselective Synthesis of Chiroptical Polymers of Intrinsic Microporosity with Circular Polarized Luminescence. <i>Macromolecules</i> , 2021, 54, 11180-11186.	2.2	13
14	Reflections on Organic Chemistry in China. <i>Organic Letters</i> , 2020, 22, 8179-8180.	2.4	0
15	A Journey of a Thousand Miles Begins with a Single Step. <i>Chemistry - A European Journal</i> , 2020, 26, 15344-15345.	1.7	0
16	Manganese-Catalyzed <i>anti</i> -Selective Asymmetric Hydrogenation of β -Substituted α -Ketoamides. <i>Angewandte Chemie</i> , 2020, 132, 15695-15699.	1.6	24
17	Highly Enantioselective [3 + 2] Annulation of 3-Butynoates with β -Trifluoromethyl Enones Promoted by an Amine-Phosphine Binary Catalytic System. <i>Organic Letters</i> , 2020, 22, 2460-2463.	2.4	24
18	Iridium-Catalyzed Enantioselective Hydrogenation of Indole and Benzofuran Derivatives. <i>Chemistry - A European Journal</i> , 2020, 26, 15482-15486.	1.7	21

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19	Manganese-Catalyzed <i>anti</i> -Selective Asymmetric Hydrogenation of β -Substituted α -Ketoamides. <i>Angewandte Chemie - International Edition</i> , 2020, 59, 15565-15569.	7.2	67
20	Synthesis of Chiral Tertiary β -Difluoromethyl Carbinols by Cu-Catalyzed Asymmetric Propargylation. <i>Chemistry - A European Journal</i> , 2019, 25, 16425-16434.	1.7	12
21	Construction of All-Carbon Chiral Quaternary Centers through Cu-Catalyzed Enantioselective Reductive Hydroxymethylation of 1,1-Disubstituted Allenes with CO ₂ . <i>Chemistry - A European Journal</i> , 2019, 25, 13874-13878.	1.7	43
22	Cyclohexyl-Fused, Spirobiindane-Derived, Phosphine-Catalyzed Synthesis of Tricyclic β -Lactams and Kinetic Resolution of β -Substituted Allenates. <i>Journal of the American Chemical Society</i> , 2019, 141, 16362-16373.	6.6	47
23	Design, synthesis, antitumor activities and biological studies of novel diaryl substituted fused heterocycles as dual ligands targeting tubulin and katanin. <i>European Journal of Medicinal Chemistry</i> , 2019, 178, 177-194.	2.6	21
24	Ir-Catalyzed Double Asymmetric Hydrogenation of 3,6-Dialkylidene-2,5-diketopiperazines for Enantioselective Synthesis of Cyclic Dipeptides. <i>Journal of the American Chemical Society</i> , 2019, 141, 8981-8988.	6.6	43
25	Lutidine-Based Chiral Pincer Manganese Catalysts for Enantioselective Hydrogenation of Ketones. <i>Angewandte Chemie</i> , 2019, 131, 5027-5031.	1.6	40
26	Lutidine-Based Chiral Pincer Manganese Catalysts for Enantioselective Hydrogenation of Ketones. <i>Angewandte Chemie - International Edition</i> , 2019, 58, 4973-4977.	7.2	150
27	Development of Chiral Spiro Phosphoramidites for Rhodium-Catalyzed Enantioselective Reactions. <i>Chemistry - A European Journal</i> , 2019, 25, 9491-9497.	1.7	8
28	Design, synthesis, biological evaluation and cocrystal structures with tubulin of chiral β -lactam bridged combretastatin A-4 analogues as potent antitumor agents. <i>European Journal of Medicinal Chemistry</i> , 2018, 144, 817-842.	2.6	50
29	Regio- and Enantioselective Allylic Amination of Aliphatic MBH Adducts with <i>N</i> -Heteroaromatics. <i>Chemistry - A European Journal</i> , 2018, 24, 1425-1430.	1.7	34
30	Chiral Cyclohexyl-Fused Spirobiindanes: Practical Synthesis, Ligand Development, and Asymmetric Catalysis. <i>Journal of the American Chemical Society</i> , 2018, 140, 10374-10381.	6.6	84
31	Making Spiroketal-based Diphosphine (SKP) Ligands via a Catalytic Asymmetric Approach. <i>Chinese Journal of Chemistry</i> , 2018, 36, 899-903.	2.6	25
32	Ir-SpinPHOX Catalyzed Enantioselective Hydrogenation of β -Alidene-phthalides. <i>Angewandte Chemie</i> , 2018, 130, 13324-13328.	1.6	5
33	Ir-SpinPHOX Catalyzed Enantioselective Hydrogenation of β -Alidene-phthalides. <i>Angewandte Chemie - International Edition</i> , 2018, 57, 13140-13144.	7.2	33
34	Organofluorine Chemistry: A Unique and Useful Research Frontier of Chemistry. <i>Acta Chimica Sinica</i> , 2018, 76, 905.	0.5	6
35	Homogeneous Reduction of Carbon Dioxide with Hydrogen. <i>Topics in Current Chemistry</i> , 2017, 375, 23.	3.0	55
36	Enantioselective palladium-catalyzed diboration of 1,1-disubstituted allenenes. <i>Chemical Science</i> , 2017, 8, 5161-5165.	3.7	51

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37	Rhodium-Complex-Catalyzed Hydroformylation of Olefins with CO ₂ and Hydrosilane. <i>Angewandte Chemie</i> , 2017, 129, 316-319.	1.6	21
38	Rhodium-Complex-Catalyzed Hydroformylation of Olefins with CO ₂ and Hydrosilane. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 310-313.	7.2	117
39	Palladium-catalyzed asymmetric allylic amination: enantioselective synthesis of chiral $\hat{\pm}$ -methylene substituted $\hat{2}$ -aminophosphonates. <i>Organic Chemistry Frontiers</i> , 2017, 4, 271-276.	2.3	32
40	Palladium-Catalyzed Asymmetric Construction of Vicinal Tertiary and All-Carbon Quaternary Stereocenters by Allylation of $\hat{2}$ -Ketocarboxyls with Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 5050-5054.	7.2	79
41	Palladium-Catalyzed Asymmetric Construction of Vicinal Tertiary and All-Carbon Quaternary Stereocenters by Allylation of $\hat{2}$ -Ketocarboxyls with Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie</i> , 2017, 129, 5132-5136.	1.6	20
42	Zwitterionic Nickel(II) Catalysts for CO-Ethylene Alternating Copolymerization. <i>Organometallics</i> , 2017, 36, 1122-1132.	1.1	15
43	Palladium-Catalyzed Asymmetric Allylic Allylation of Racemic Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie</i> , 2017, 129, 1136-1139.	1.6	14
44	Palladium-Catalyzed Asymmetric Allylic Allylation of Racemic Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 1116-1119.	7.2	66
45	Organic Photochemistry-The Road to Glory. <i>Acta Chimica Sinica</i> , 2017, 75, 5.	0.5	5
46	Advances in Hydrogenation of Carboxylic Acid Derivatives and CO ₂ Using Triphos as the Coordination Ligand. <i>Chinese Journal of Organic Chemistry</i> , 2016, 36, 1824.	0.6	17
47	Minimizing Aryloxy Elimination in Rh ^I -Catalyzed Asymmetric Hydrogenation of $\hat{2}$ -Aryloxyacrylic Acids using a Mixed-Ligand Strategy. <i>Chemistry - A European Journal</i> , 2015, 21, 16387-16390.	1.7	23
48	Efficient production of methanol and diols via the hydrogenation of cyclic carbonates using copper-silica nanocomposite catalysts. <i>Green Chemistry</i> , 2015, 17, 4281-4290.	4.6	99
49	Highly enantio- and diastereoselective reductive aldol reactions catalyzed by chiral spiro biphosphine oxides. <i>Chinese Journal of Catalysis</i> , 2015, 36, 100-105.	6.9	6
50	Highly Efficient Ruthenium-Catalyzed N-Formylation of Amines with H ₂ and CO ₂ . <i>Angewandte Chemie - International Edition</i> , 2015, 54, 6186-6189.	7.2	284
51	Zwitterionic Nickel(II) Catalyst for CO-Ethylene Alternating Copolymerization. <i>Organometallics</i> , 2015, 34, 4798-4801.	1.1	16
52	Highly Regio- and Enantioselective Alkoxy-carbonylative Amination of Terminal Allenes Catalyzed by a Spiroketal-Based Diphosphine/Pd(II) Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 15346-15349.	6.6	88
53	C-H Functionalization: the Holy Grail of Chemistry. <i>Acta Chimica Sinica</i> , 2015, 73, 1223.	0.5	8
54	SpinPhox/Iridium(I)-Catalyzed Asymmetric Hydrogenation of Cyclic $\hat{\pm}$ -Alkydene Carbonyl Compounds. <i>Angewandte Chemie - International Edition</i> , 2014, 53, 1978-1982.	7.2	85

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55	Spiroketal-Based Diphosphine Ligands in Pd-Catalyzed Asymmetric Allylic Amination of Morita-Baylis-Hillman Adducts: Exceptionally High Efficiency and New Mechanism. <i>Journal of the American Chemical Society</i> , 2014, 136, 405-411.	6.6	133
56	Asymmetric hydrogenation of $\hat{1}\pm$ -arylacrylic and $\hat{1}^2$ -arylbut-3-enoic acids catalyzed by a Rh(i) complex of a monodentate secondary phosphine oxide ligand. <i>Organic Chemistry Frontiers</i> , 2014, 1, 155.	2.3	30
57	Dedicated to Professor Chengye Yuan and Professor Li-Xin Dai on the Occasion of Their 90th Birthdays. <i>Chinese Journal of Chemistry</i> , 2014, 32, 659-660.	2.6	0
58	Synthesis of chiral 1,3-bis(1-(diarylphosphoryl)ethyl)-benzenes via Ir-catalyzed double asymmetric hydrogenation of bis(diarylvinylphosphine oxides). <i>Science China Chemistry</i> , 2014, 57, 1073-1078.	4.2	8
59	SpinPHOX/Ir(I) Catalyzed Asymmetric Hydrogenation of (E)-2-(hydroxymethyl)-3-Arylacrylic Acids. <i>Acta Chimica Sinica</i> , 2014, 72, 849.	0.5	16
60	Asymmetric Catalysis and Synthesis: A Exciting Field with Challenges. <i>Acta Chimica Sinica</i> , 2014, 72, 755.	0.5	3
61	Virtual Issue on Catalysis at the Shanghai Institute of Organic Chemistry. <i>ACS Catalysis</i> , 2013, 3, 1633-1633.	5.5	0
62	Novel spiroketal-based diphosphite ligands for hydroformylation of terminal and internal olefins. <i>Catalysis Science and Technology</i> , 2013, 3, 1901.	2.1	17
63	Spiro[4,4]nonadiene-Based Diphosphine Oxides in Lewis Base Catalyzed Asymmetric Double Aldol Reactions. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 11054-11058.	7.2	38
64	Catalytic Asymmetric Hydrogenation of $\hat{1}\pm$ -CF ₃ - or $\hat{1}^2$ -CF ₃ -Substituted Acrylic Acids using Rhodium(I) Complexes with a Combination of Chiral and Achiral Ligands. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 14191-14195.	7.2	84
65	Practical Asymmetric Catalytic Synthesis of Spiroketals and Chiral Diphosphine Ligands. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2900-2907.	2.1	63
66	Enantioselective Ring Opening of <i>meso</i> -Epoxides with Aromatic Amines Catalyzed by Dinuclear Magnesium Complexes. <i>Chinese Journal of Chemistry</i> , 2013, 31, 67-71.	2.6	20
67	The Ni $\hat{1}$ H Functional Group in Organometallic Catalysis. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 4744-4788.	7.2	324
68	Recent Advances in Asymmetric Catalysis in Flow. <i>ACS Catalysis</i> , 2013, 3, 928-944.	5.5	158
69	Rhodium(I)-Catalyzed Enantioselective Hydrogenation of Substituted Acrylic Acids with Sterically Similar $\hat{1}^2, \hat{1}^2$ -Diaryls. <i>Angewandte Chemie - International Edition</i> , 2013, 52, 6748-6752.	7.2	65
70	Highly Stereoselective Olefin Cyclopropanation of Diazoindoles Catalyzed by a <i>C</i> ₂ -Symmetric Spiroketal Bisphosphine/Au(I) Complex. <i>Journal of the American Chemical Society</i> , 2013, 135, 8197-8200.	6.6	318
71	Recent Advances in Rh-Catalyzed Asymmetric Hydroformylation of Olefins. <i>Chinese Journal of Organic Chemistry</i> , 2013, 33, 1369.	0.6	20
72	Catalytic Hydrogenation of Cyclic Carbonates: A Practical Approach from CO ₂ and Epoxides to Methanol and Diols. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 13041-13045.	7.2	317

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73	Spiroketal-Based Phosphorus Ligands for Highly Regioselective Hydroformylation of Terminal and Internal Olefins. <i>Chemistry - A European Journal</i> , 2012, 18, 15288-15295.	1.7	57
74	Highly enantioselective asymmetric hydrogenation of (E)- β,β -disubstituted α,β -unsaturated Weinreb amides catalyzed by Ir(i) complexes of SpinPhox ligands. <i>Chemical Communications</i> , 2012, 48, 5172.	2.2	74
75	Rh(I)/DpenPhos catalyzed asymmetric hydrogenation of enol esters and α -potassium (E)-3-cyano-5-methylhex-3-enoate. <i>Tetrahedron</i> , 2012, 68, 7581-7585.	1.0	17
76	Aromatic Spiroketal Bisphosphine Ligands: Palladium-Catalyzed Asymmetric Allylic Amination of Racemic Morita-Baylis-Hillman Adducts. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 9276-9282.	7.2	186
77	Asymmetric hydrogenation of α - or β -acyloxy α,β -unsaturated phosphonates catalyzed by a Rh(i) complex of monodentate phosphoramidite. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 1598.	1.5	26
78	Rh(I)-Catalyzed Enantioselective Hydrogenation of α -Substituted Ethenylphosphonic Acids. <i>Journal of the American Chemical Society</i> , 2012, 134, 12474-12477.	6.6	75
79	Access to Both Enantiomers of α -Chloro β -keto Esters with a Single Chiral Ligand: Highly Efficient Enantioselective Chlorination of Cyclic β -keto Esters Catalyzed by Chiral Copper(II) and Zinc(II) Complexes of a Spiro-2,2'-bichroman-Based Bisoxazoline Ligand. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1980-1986.	2.1	35
80	Catalytic Asymmetric Synthesis of Aromatic Spiroketal by SpinPhox/Iridium(I)-Catalyzed Hydrogenation and Spiroketalization of α,β -Bis(2-hydroxyarylidene) Ketones. <i>Angewandte Chemie - International Edition</i> , 2012, 51, 936-940.	7.2	228
81	DpenPhos/Rh(I) Catalyzed Asymmetric Hydrogenation of Dehydro- α -Amino Acid Esters. <i>Acta Chimica Sinica</i> , 2012, 70, 1464.	0.5	33
82	Spiro-2,2'-bichroman-based bisoxazoline (SPANbox) ligands for ZnII-catalyzed enantioselective hydroxylation of β -keto esters and 1,3-diesters. <i>Chemical Science</i> , 2011, 2, 1141.	3.7	80
83	Self-supported Chiral Catalysts for Heterogeneous Asymmetric Catalysis. <i>Chimia</i> , 2011, 65, 932.	0.3	5
84	An Efficient Diphosphine/Hybrid-Amine Combination for Ruthenium(II)-Catalyzed Asymmetric Hydrogenation of Aryl Ketones. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 495-500.	2.1	34
85	A Practical Asymmetric Synthesis of Enantiopure Spiro[4,4]nonane-1,6-dione. <i>Advanced Synthesis and Catalysis</i> , 2011, 353, 1584-1590.	2.1	29
86	Asymmetric Baeyer-Villiger Oxidation of 2,3- and 2,3,4-Substituted Cyclobutanones Catalyzed by Chiral Phosphoric Acids with Aqueous H_2O_2 as the Oxidant. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 110-116.	1.2	47
87	Asymmetric Bromoamination of Chalcones with a Privileged N,N -Dioxide/Scandium(III) Catalyst. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 7734-7736.	7.2	60
88	Asymmetric Hydrogenation of α - and β -Enamido Phosphonates: Rhodium(I)/Monodentate Phosphoramidite Catalyst. <i>Angewandte Chemie - International Edition</i> , 2011, 50, 11743-11747.	7.2	72
89	Enantioselective Catalysis with Structurally Tunable Immobilized Catalysts. <i>Topics in Organometallic Chemistry</i> , 2011, , 207-245.	0.7	21
90	Synthesis, crystal and molecular structure of $[Na(B15C5)]_2[Hg_3Cl_8]_2 \cdot 2H_2O$. <i>Chinese Journal of Chemistry</i> , 2010, 10, 513-518.	2.6	2

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91	Kinetics and mechanism of mercuration of N-(substituted benzylidene)-4-toluidines. Chinese Journal of Chemistry, 2010, 11, 554-559.	2.6	1
92	Synthesis of novel chiral bisoxazoline ligands with a spiro[4,4]-1,6-nonadiene skeleton. Science Bulletin, 2010, 55, 2840-2846.	1.7	8
93	Synthesis of Dendritic Schiff Base Ligands for Titanium Catalyzed Enantioselective HDA Reaction of Danishefsky's Diene with Aldehydes. Chinese Journal of Chemistry, 2010, 21, 727-730.	2.6	6
94	Charge Transfer Effect on Chiral Phosphoric Acid Catalyzed Asymmetric Baeyer-Villiger Oxidation of 3-Substituted Cyclobutanones Using 30% Aqueous H ₂ O ₂ as the Oxidant. Chinese Journal of Chemistry, 2010, 28, 1731-1735.	2.6	18
95	Enantioselective Ring Opening Reaction of <i>meso</i> -Epoxides with Aromatic and Aliphatic Amines Catalyzed by Magnesium Complexes of BINOL Derivatives. European Journal of Organic Chemistry, 2010, 2010, 6722-6726.	1.2	58
96	Mechanistic Investigation of Chiral Phosphoric Acid Catalyzed Asymmetric Baeyer-Villiger Reaction of 3-Substituted Cyclobutanones with H ₂ O ₂ as the Oxidant. Chemistry - A European Journal, 2010, 16, 3021-3035.	1.7	95
97	Directed Orthogonal Self-Assembly of Homochiral Coordination Polymers for Heterogeneous Enantioselective Hydrogenation. Angewandte Chemie - International Edition, 2010, 49, 3627-3630.	7.2	62
98	An Efficient Titanium Catalyst for Enantioselective Cyanation of Aldehydes: Cooperative Catalysis. Angewandte Chemie - International Edition, 2010, 49, 6746-6750.	7.2	110
99	Synthesis of a new type of P,N-ligand with a spiro skeleton for Ir-catalyzed asymmetric hydrogenations. Tetrahedron: Asymmetry, 2010, 21, 1529-1533.	1.8	10
100	Highly enantioselective hydrogenation of $\hat{1}$ -aryl- $\hat{1}^2$ -substituted acrylic acids catalyzed by Ir-SpinPHOX. Chemical Communications, 2010, 46, 156-158.	2.2	88
101	èž°[4,4]-1,6-âŁ-âŠ°CEçf ^{-é#} æž¶æ%æ€ŠâCEè† é...â½“çš,,â°æ^: Scientia Sinica Chimica, 2010, 40, 950-955.	0.2	6
102	Development of a Continuous-Flow System for Asymmetric Hydrogenation Using Self-Supported Chiral Catalysts. Chemistry - A European Journal, 2009, 15, 9855-9867.	1.7	56
103	Asymmetric Conjugate Addition of Unmodified Cyclic Ketones to Nitroolefins Using Aminophosphonate as the Organocatalyst. Chinese Journal of Chemistry, 2009, 27, 163-168.	2.6	14
104	Spiro[4,4]-1,6-nonadiene-Based Phosphine-Oxazoline Ligands for Iridium-Catalyzed Enantioselective Hydrogenation of Ketimines. Angewandte Chemie - International Edition, 2009, 48, 5345-5349.	7.2	216
105	Self-supported BINOL-Zn catalysts for heterogeneous enantioselective epoxidation of (E)- $\hat{1}$, $\hat{1}^2$ -unsaturated ketones. Tetrahedron Letters, 2009, 50, 2200-2203.	0.7	28
106	Spiro Skeletons: A Class of Privileged Structure for Chiral Ligand Design. Chemistry - an Asian Journal, 2009, 4, 32-41.	1.7	250
107	Hybrid NH ₂ -Benzimidazole Ligands for Efficient Ru-Catalyzed Asymmetric Hydrogenation of Aryl Ketones. Organic Letters, 2009, 11, 907-910.	2.4	51
108	Self-Supported Catalysts. Chemical Reviews, 2009, 109, 322-359.	23.0	524

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109	Modular Chiral Bidentate Phosphonites: Design, Synthesis, and Application in Catalytic Asymmetric Hydroformylation Reactions. <i>Chemistry - A European Journal</i> , 2008, 14, 7847-7857.	1.7	58
110	BINOLate-Magnesium Catalysts for Enantioselective Hetero-Diels-Alder Reaction of Danishefsky's Diene with Aldehydes. <i>European Journal of Organic Chemistry</i> , 2008, 2008, 2248-2254.	1.2	65
111	Chiral Brønsted Acid Catalyzed Asymmetric Baeyer-Villiger Reaction of α -Substituted Cyclobutanones by Using Aqueous H_2O . <i>Angewandte Chemie - International Edition</i> , 2008, 47, 2840-2843.	7.2	205
112	Ferrocene-based bidentate phosphonite ligands for rhodium(I)-catalyzed enantioselective hydroformylation. <i>Tetrahedron Letters</i> , 2008, 49, 4862-4864.	0.7	34
113	The Hydrogenation/Transfer Hydrogenation Network in Asymmetric Reduction of Ketones Catalyzed by $[\text{RuCl}_2(\text{binap})(\text{pica})]$ Complexes. <i>Chemistry - an Asian Journal</i> , 2008, 3, 1801-1810.	1.7	65
114	Facile Preparation of β -Aryl Nitriles by Direct Cyanation of Alcohols with TMSCN Under the Catalysis of InX_3 . <i>Organic Letters</i> , 2008, 10, 4573-4576.	2.4	84
115	Insight into the Mechanism of the Asymmetric Ring-Opening Aminolysis of 4,4-Dimethyl-3,5,8-trioxabicyclo[5.1.0]octane Catalyzed by Titanium/BINOLate/Water System: Evidence for the $\text{Ti}(\text{BINOLate})_2$ -Bearing Active Catalyst Entities and the Role of Water. <i>Journal of the American Chemical Society</i> , 2008, 130, 10116-10127.	6.6	77
116	Synergistic effect of binary component ligands in chiral catalyst library engineering for enantioselective reactions. <i>Chemical Communications</i> , 2008, , 909.	2.2	63
117	Self-supported chiral catalysts for heterogeneous enantioselective reactions. <i>Pure and Applied Chemistry</i> , 2007, 79, 1531-1540.	0.9	42
118	Hydrogen Bonding-Induced Aromatic Oligoamide Foldamers as Spherand Analogues to Accelerate the Hydrolysis of Nitro-Substituted Anisole in Aqueous Media. <i>Journal of Organic Chemistry</i> , 2007, 72, 870-877.	1.7	57
119	Solution Structure and Behavior of Benzophenone-based Achiral Bisphosphine Ligands in Noyori-Type $\text{Ru}(\text{II})$ Catalysts. <i>Chinese Journal of Chemistry</i> , 2007, 25, 1163-1170.	2.6	10
120	Preparation of new C_2 -symmetric tetracosphosphine ligands for Rh-catalyzed asymmetric hydrogenation of aryl enamides. <i>Tetrahedron Letters</i> , 2007, 48, 5095-5098.	0.7	5
121	Intramolecularly Dinuclear Magnesium Complex Catalyzed Copolymerization of Cyclohexene Oxide with CO_2 under Ambient CO_2 Pressure: Kinetics and Mechanism. <i>Macromolecules</i> , 2006, 39, 128-137.	2.2	176
122	Experimental and Theoretical Studies on the Hydrogen-Bond-Promoted Enantioselective Hetero-Diels-Alder Reaction of Danishefsky's Diene with Benzaldehyde. <i>Journal of Organic Chemistry</i> , 2006, 71, 2862-2869.	1.7	96
123	Direct On-Line Method To Monitor the Dynamic Structure of Noncovalent Titanium Complexes in Solution by Using Cold-Spray Ionization Time-of-Flight Mass Spectrometry. <i>Analytical Chemistry</i> , 2006, 78, 4737-4740.	3.2	22
124	Hydrogen Bonding Makes a Difference in the Rhodium-Catalyzed Enantioselective Hydrogenation Using Monodentate Phosphoramidites. <i>Journal of the American Chemical Society</i> , 2006, 128, 14212-14213.	6.6	113
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