

Xing-Wang Wang

List of Publications by Year in descending order

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papers

2,376
citations

201674

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48
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all docs

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docs citations

63
times ranked

1955
citing authors

#	ARTICLE	IF	CITATIONS
1	Catalytic Asymmetric Epoxidation of Cyclic Enones. <i>Journal of the American Chemical Society</i> , 2008, 130, 6070-6071.	13.7	304
2	Asymmetric Counteranion-Directed Catalysis for the Epoxidation of Enals. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1119-1122.	13.8	221
3	Chiral Counteranion Synergistic Organocatalysis under High Temperature: Efficient Construction of Optically Pure Spiro[cyclohexanone-oxindole] Backbone. <i>Organic Letters</i> , 2011, 13, 4866-4869.	4.6	148
4	Self-Supported Heterogeneous Catalysts for Enantioselective Hydrogenation. <i>Journal of the American Chemical Society</i> , 2004, 126, 10524-10525.	13.7	102
5	Self-Supported Heterogeneous Titanium Catalysts for Enantioselective Carbonyl-Ene and Sulfoxidation Reactions. <i>Chemistry - A European Journal</i> , 2005, 11, 4078-4088.	3.3	95
6	Highly Enantioselective Synthesis of Spiro[cyclohexanone-oxindoles] and Spiro[cyclohexanone-pyrazolones] by Asymmetric Cascade [5+1] Double Michael Reactions. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1318-1327.	2.4	95
7	Heterogenization of Shibasaki's Binol/La Catalyst for Enantioselective Epoxidation of β,β -Unsaturated Ketones with Multitopic Binol Ligands: The Impact of Bridging Spacers. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6362-6366.	13.8	82
8	Pd-Catalyzed Asymmetric Dearomative Cycloaddition for Construction of Optically Active Pyrroloindoline and Cyclopentaindoline Derivatives: Access to 3a-Aminopyrroloindolines. <i>Journal of Organic Chemistry</i> , 2018, 83, 2882-2891.	3.2	82
9	Enantioselective Synthesis of Unsymmetrical Diaryl-Substituted Spirocyclohexanonepyrazolones through a Cascade [4+2]-Double Michael Addition. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 797-808.	4.3	69
10	Dinuclear zinc catalyzed asymmetric Friedel-Crafts amidalkylation of indoles with aryl aldimines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2614.	2.8	52
11	Organocatalytic Diversity-Oriented Asymmetric Synthesis of Tricyclic Chroman Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 10772-10785.	3.2	51
12	Chiral Phosphoric Acid-Catalyzed Asymmetric Oxidation of Aryl Alkyl Sulfides and Aldehyde-Derived 1,3-Dithianes: Using Aqueous Hydrogen Peroxide as the Terminal Oxidant. <i>Advanced Synthesis and Catalysis</i> , 2012, 354, 1012-1022.	4.3	50
13	Organocatalytic enantioselective construction of multi-functionalized spiro oxindole dienes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4372.	2.8	49
14	Efficient synthesis of optically active 4-nitro-cyclohexanones via bifunctional thiourea-base catalyzed double-Michael addition of nitromethane to dienones. <i>Chemical Communications</i> , 2011, 47, 3992.	4.1	48
15	Enantioselective construction of multifunctionalized spirocyclohexaneoxindoles through organocatalytic Michael-Aldol cyclization of isatin derived alkenes with linear dialdehydes. <i>Organic and Biomolecular Chemistry</i> , 2012, 10, 8794.	2.8	42
16	Enantioselective Construction of Functionalized Thiopyrano-Indole Annulated Heterocycles via a Formal Thio [3 + 3]-Cyclization. <i>Organic Letters</i> , 2015, 17, 42-45.	4.6	42
17	Chiral N-Heterocyclic Carbene-Catalyzed Asymmetric Michael-Intramolecular Aldol-Lactonization Cascade for Enantioselective Construction of β -Propiolactone-Fused Spiro[cyclopentane-oxindoles]. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1541-1551.	4.3	42
18	Enantioselective Construction of Spiro[2.3]pyran-3,4-indoline by a Systematic Michael/Reduction/Cyclization Sequence Triggered by the Asymmetric Conjugate Addition of Ketones to Isatylidenemalononitriles. <i>European Journal of Organic Chemistry</i> , 2012, 2012, 1935-1944.	2.4	39

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19	Chiral Diphosphine-Palladium-Catalyzed Sequential Asymmetric Double-Friedel-Crafts Alkylation and <i>N</i> -Hemiketalization for Spiro-polycyclic Indole Derivatives. <i>Organic Letters</i> , 2017, 19, 1954-1957.	4.6	37
20	Organo-Catalyzed Asymmetric Michael-Hemiketalization-Oxa-Pictet-Spengler Cyclization for Bridged and Spiro Heterocyclic Skeletons: Oxocarbenium Ion as a Key Intermediate. <i>Organic Letters</i> , 2017, 19, 6626-6629.	4.6	34
21	Synthesis of Chiral Bifunctional NHC Ligands and Survey of Their Utilities in Asymmetric Gold Catalysis. <i>Organometallics</i> , 2019, 38, 3931-3938.	2.3	33
22	Asymmetric Synthesis of Dihydrocoumarins Containing Contiguous Quaternary and Tertiary Stereogenic Centers Catalyzed by a Cinchona-Alkaloid-Based Bifunctional Thiourea Derivative. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 143-153.	4.3	32
23	Organocatalytic Asymmetric Michael Addition of Aliphatic Aldehydes to Indolynitroalkenes: Access to Contiguous Stereogenic Tryptamine Precursors. <i>Journal of Organic Chemistry</i> , 2013, 78, 2362-2372.	3.2	31
24	Asymmetric Hydrogenation of α -Keto Sulfonylamides and α -Keto Sulfones with a Chiral Cationic Ruthenium Diamine Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2860-2872.	4.3	28
25	Modular Chiral Bisoxalamide-Copper-Catalyzed Asymmetric Oxo-Diels-Alder Reaction: Carbonyl Coordination for High Enantio- and Diastereocontrols. <i>ACS Catalysis</i> , 2020, 10, 3556-3563.	11.2	25
26	Enantioselective synthesis of optically active cis- β -thio- α -amino acid derivatives through an organocatalytic cascade thio-Michael/ring opening process. <i>Chemical Communications</i> , 2012, 48, 4713.	4.1	24
27	Chiral N-Heterocyclic-Carbene-Catalyzed Cascade Asymmetric Desymmetrization of Cyclopentenediones with Enals: Access to Optically Active 1,3-Indandione Derivatives. <i>Organic Letters</i> , 2019, 21, 8582-8586.	4.6	23
28	Asymmetric Michael/Aromatization Reaction of Azlactones to α,β -Unsaturated Pyrazolones with β -Regioselectivity Catalyzed by an Isosteviol-Derived Thiourea Organocatalyst. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4738-4743.	2.4	22
29	Friedel-Crafts Reaction of Indoles with Isatin-Derived α,β -Unsaturated α -Keto Esters Using a BINOL-Derived Bisoxazoline (BOX)/Copper(II) Complex as Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 3100-3112.	4.3	22
30	Asymmetric Nitroaldol Reactions of Nitroalkanes with Isatins Catalyzed by Bifunctional Cinchona Alkaloid Derivatives. <i>European Journal of Organic Chemistry</i> , 2011, 2011, 5237-5241.	2.4	21
31	Organocatalytic regioselective asymmetric Michael addition of azlactones to o-hydroxy chalcone derivatives. <i>Organic and Biomolecular Chemistry</i> , 2015, 13, 5698-5709.	2.8	21
32	Diastereodivergent synthesis of bispirooxindoles via asymmetric Friedel-Crafts/aldol cascade reaction: co-catalyst effects on diastereoselective outcomes. <i>Chemical Communications</i> , 2018, 54, 2260-2263.	4.1	21
33	Organo-catalyzed asymmetric cascade annulation reaction for the construction of bi-spirocyclic pyrazolone and oxindole derivatives. <i>Organic Chemistry Frontiers</i> , 2020, 7, 796-809.	4.5	21
34	Construction of highly substituted pyrazole derivatives with P-C bond: access to racemic and enantioselective forms by conjugate addition of diarylphosphane oxides to α,β -unsaturated pyrazolones. <i>Tetrahedron</i> , 2014, 70, 417-426.	1.9	20
35	Organocatalytic tandem enantioselective Michael-cyclization of isatin-derived α,β -unsaturated α -ketoesters with 3-hydroxy-4H-chromen-4-one or 2-hydroxy-1,4-naphthoquinone derivatives. <i>RSC Advances</i> , 2016, 6, 84248-84254.	3.6	20
36	Chiral Bidentate Phosphoramidite-Pd Catalyzed Asymmetric Decarboxylative Dipolar Cycloaddition for Multistereogenic Tetrahydrofurans with Cyclic <i>N</i> -Sulfonyl Ketimine Moieties. <i>Organic Letters</i> , 2021, 23, 4715-4720.	4.6	19

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37	Dinuclear zinc-catalyzed desymmetric intramolecular aldolization: an enantioselective construction of spiro[cyclohexanone-oxindole] derivatives. <i>RSC Advances</i> , 2016, 6, 30683-30689.	3.6	18
38	Asymmetric [4+2] cycloaddition of azlactones with dipolar copper ^{II} -allenylidene intermediates for chiral 3,4-dihydroquinolin-2-one derivatives. <i>Tetrahedron Letters</i> , 2019, 60, 1967-1970.	1.4	17
39	Stereoselective synthesis of spirocyclohexadiene-pyrazolones via organic base and/or hydrogen bonding assisted [3 + 3] annulation reactions. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1842-1857.	4.5	17
40	Highly enantioselective phosphination and hydrophosphonylation of azomethine imines: using chiral squaramide as a hydrogen bonding organocatalyst. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 8656-8670.	2.8	16
41	Brønsted or Lewis Acid Initiated Multicomponent Cascade Reaction: Diastereoselective Synthesis of Imidazolidinyl Spirooxindole Derivatives. <i>ChemCatChem</i> , 2016, 8, 2797-2807.	3.7	14
42	Enantioselective Strecker-type reaction between azomethine imines and trimethylsilyl cyanide catalyzed by a cinchona alkaloid-derived thiourea bearing multiple hydrogen-bonding donors. <i>RSC Advances</i> , 2013, 3, 9154.	3.6	12
43	Regio- and Enantioselective Organocascade Michael ^{II} -Michael Reactions: Construction of Chiral Trisubstituted Indanes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2677-2681.	2.4	11
44	Chiral Binaphthyl Box-Copper-Catalyzed Enantioselective Tandem Michael ^{II} -Ketalization Annulations for Optically Active Aryl and Heteroaryl Fused Bicyclicnonanes. <i>Organic Letters</i> , 2020, 22, 3936-3941.	4.6	8
45	Box-copper catalyzed asymmetric inverse-electron-demand oxa-hetero-Diels ^{II} -Alder reaction for efficient synthesis of spiro pyran-oxindole derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2009-2018.	4.5	8
46	Chiral oxamide ^{II} -phosphine ^{II} -palladium catalyzed highly asymmetric allylic amination: carbonyl assistance for high regio- and enantiocontrols. <i>Organic Chemistry Frontiers</i> , 2022, 9, 3976-3989.	4.5	7
47	Pendant ^{II} -armed Unsymmetrical Aza ^{II} -macrocycles: Syntheses, Coordination Behavior and Crystal Structure of a Dinuclear Cadmium Complex. <i>Chinese Journal of Chemistry</i> , 2002, 20, 865-871.	4.9	6
48	Stereoselective Synthesis of Optically Active Hydrobenzoin via Asymmetric Hydrogenation of Benzils with Ru(OTf)(TsDPEN)(^{II} - <i>rac</i> -mymene) as the Pre ^{II} -catalyst. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2657-2663.	4.9	6
49	Theoretical studies on the activation mechanism involving bifunctional tertiary amine ^{II} -thioureas and isatylidene malononitriles. <i>RSC Advances</i> , 2015, 5, 34314-34318.	3.6	6
50	Enantioselective Synthesis of Optically Active Bis(^{II} -hydroxy) Sulfones through Asymmetric Hydrogenation of Corresponding Ketones Catalyzed by a Chiral Cationic Ruthenium Diamine Catalyst. <i>Chinese Journal of Chemistry</i> , 2014, 32, 803-813.	4.9	5
51	Cinchona Alkaloid Derived Primary Amine Catalyzed Intramolecular Desymmetrizing Aldolization Reaction of Diacetyloxindoles. <i>European Journal of Organic Chemistry</i> , 2017, 2017, 2871-2877.	2.4	5
52	Box-copper catalyzed cascade asymmetric amidation for chiral <i>exo</i> -methylene aminoindoline derivatives. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9373-9378.	2.8	5