

# Xing-Wang Wang

## List of Publications by Year in descending order

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52  
papers

2,376  
citations

201674

27  
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48  
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63  
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63  
docs citations

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times ranked

1955  
citing authors

#	ARTICLE	IF	CITATIONS
1	Chiral oxamideâ€“phosphineâ€“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
2	Box-copper catalyzed asymmetric inverse-electron-demand oxa-hetero-Dielsâ€“Alder reaction for efficient synthesis of spiro pyranyl-oxindole derivatives. <i>Organic Chemistry Frontiers</i> , 2021, 8, 2009-2018.	4.5	8
3	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
4	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
5	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
6	Modular Chiral Bisoxalamideâ€“Copper-Catalyzed Asymmetric Oxo-Dielsâ€“Alder Reaction: Carbonyl Coordination for High Enantio- and Diastereocontrols. <i>ACS Catalysis</i> , 2020, 10, 3556-3563.	11.2	25
7	Chiral Binaphthyl Box-Copper-Catalyzed Enantioselective Tandem Michaelâ€“Ketalization Annulations for Optically Active Aryl and Heteroaryl Fused Bicyclicnonanes. <i>Organic Letters</i> , 2020, 22, 3936-3941.	4.6	8
8	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
9	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
10	Asymmetric [4+2] cycloaddition of azlactones with dipolar copperâ€“allenylidene intermediates for chiral 3,4-dihydroquinolin-2-one derivatives. <i>Tetrahedron Letters</i> , 2019, 60, 1967-1970.	1.4	17
11	Stereoselective synthesis of spirocyclohexadiene-pyrazolones <i>via</i> organic base and/or hydrogen bonding assisted [3 + 3] annulation reactions. <i>Organic Chemistry Frontiers</i> , 2019, 6, 1842-1857.	4.5	17
12	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
13	Diastereodivergent synthesis of bispirooxindoles via asymmetric Friedelâ€“Crafts/aldol cascade reaction: co-catalyst effects on diastereoselective outcomes. <i>Chemical Communications</i> , 2018, 54, 2260-2263.	4.1	21
14	Chiral Diphosphineâ€“Palladium-Catalyzed Sequential Asymmetric Double-Friedelâ€“Crafts Alkylation and <i>N</i> -Hemiketalization for Spiro-polycyclic Indole Derivatives. <i>Organic Letters</i> , 2017, 19, 1954-1957.	4.6	37
15	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
16	Chiral N-Heterocyclic Carbeneâ€“Catalyzed Asymmetric Michaelâ€“Intramolecular Aldolâ€“Lactonization Cascade for Enantioselective Construction of $\beta$ -Propiolactoneâ€“Fused Spiro[cyclopentaneâ€“oxindoles]. <i>Advanced Synthesis and Catalysis</i> , 2017, 359, 1541-1551.	4.3	42
17	Organo-Catalyzed Asymmetric Michaelâ€“Hemiketalizationâ€“Oxa-Pictetâ€“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
18	Asymmetric Synthesis of Dihydrocoumarins Containing Contiguous Quaternary and Tertiary Stereogenic Centers Catalyzed by a Cinchonaâ€“Alkaloidâ€“Based Bifunctional Thiourea Derivative. <i>Advanced Synthesis and Catalysis</i> , 2016, 358, 143-153.	4.3	32

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19	Brønsted or Lewis Acid Initiated Multicomponent Cascade Reaction: Diastereoselective Synthesis of Imidazolidinyl Spirooxindole Derivatives. <i>ChemCatChem</i> , 2016, 8, 2797-2807.	3.7	14
20	Organocatalytic tandem enantioselective Michael-cyclization of isatin-derived $\alpha,\beta$ -unsaturated $\alpha,\beta$ -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
21	Friedel-Crafts Reaction of Indoles with Isatin-Derived $\alpha,\beta$ -Unsaturated $\alpha,\beta$ -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
22	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
23	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
24	Theoretical studies on the activation mechanism involving bifunctional tertiary amine-thioureas and isatylidene malononitriles. <i>RSC Advances</i> , 2015, 5, 34314-34318.	3.6	6
25	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
26	Organocatalytic enantioselective construction of multi-functionalized spiro oxindole dienes. <i>Organic and Biomolecular Chemistry</i> , 2014, 12, 4372.	2.8	49
27	Construction of highly substituted pyrazole derivatives with P-C bond: access to racemic and enantioselective forms by conjugate addition of diarylphosphane oxides to $\alpha,\beta$ -unsaturated pyrazolones. <i>Tetrahedron</i> , 2014, 70, 417-426.	1.9	20
28	Regio- and Enantioselective Organocascade Michael-Michael Reactions: Construction of Chiral Trisubstituted Indanes. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 2677-2681.	2.4	11
29	Enantioselective Synthesis of Optically Active Bis( $\alpha$ -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
30	Organocatalytic Diversity-Oriented Asymmetric Synthesis of Tricyclic Chroman Derivatives. <i>Journal of Organic Chemistry</i> , 2014, 79, 10772-10785.	3.2	51
31	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
32	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
33	Asymmetric Hydrogenation of $\alpha,\beta$ -Keto Sulfonylamides and $\alpha,\beta$ -Keto Sulfones with a Chiral Cationic Ruthenium Diamine Catalyst. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 2860-2872.	4.3	28
34	Organocatalytic Asymmetric Michael Addition of Aliphatic Aldehydes to Indolyl Nitroalkenes: Access to Contiguous Stereogenic Tryptamine Precursors. <i>Journal of Organic Chemistry</i> , 2013, 78, 2362-2372.	3.2	31
35	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
36	Asymmetric Michael/Aromatization Reaction of Azlactones to $\alpha,\beta$ -Unsaturated Pyrazolones with C <sub>4</sub> Regioselectivity Catalyzed by an Isosteviol-Derived Thiourea Organocatalyst. <i>European Journal of Organic Chemistry</i> , 2013, 2013, 4738-4743.	2.4	22

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37	Enantioselective synthesis of optically active cis-1,2-thio-1,2-amino acid derivatives through an organocatalytic cascade thio-Michael/ring opening process. <i>Chemical Communications</i> , 2012, 48, 4713.	4.1	24
38	Stereoselective Synthesis of Optically Active Hydrobenzoin via Asymmetric Hydrogenation of Benzils with Ru(OTf)(TsDPEN)(1,6-cymene) as the Pre-catalyst. <i>Chinese Journal of Chemistry</i> , 2012, 30, 2657-2663.	4.9	6
39	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
40	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
41	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
42	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
43	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
44	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
45	Dinuclear zinc catalyzed asymmetric Friedel-Crafts amidoalkylation of indoles with aryl aldimines. <i>Organic and Biomolecular Chemistry</i> , 2011, 9, 2614.	2.8	52
46	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
47	Asymmetric Counteranion-Directed Catalysis for the Epoxidation of Enals. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1119-1122.	13.8	221
48	Catalytic Asymmetric Epoxidation of Cyclic Enones. <i>Journal of the American Chemical Society</i> , 2008, 130, 6070-6071.	13.7	304
49	Heterogenization of Shibasaki's Binol/La Catalyst for Enantioselective Epoxidation of 1,2-Unsaturated Ketones with Multitopic Binol Ligands: The Impact of Bridging Spacers. <i>Angewandte Chemie - International Edition</i> , 2005, 44, 6362-6366.	13.8	82
50	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
51	Self-Supported Heterogeneous Catalysts for Enantioselective Hydrogenation. <i>Journal of the American Chemical Society</i> , 2004, 126, 10524-10525.	13.7	102
52	Pendant-armed Unsymmetrical Aza-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