

Yinhua Huang

List of Publications by Year in descending order

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26
papers

1,398
citations

471509

17
h-index

552781

26
g-index

35
all docs

35
docs citations

35
times ranked

894
citing authors

#	ARTICLE	IF	CITATIONS
1	Rhodium-Catalyzed Asymmetric Arylation/Defluorination of 1-(Trifluoromethyl)alkenes Forming Enantioenriched 1,1-Difluoroalkenes. <i>Journal of the American Chemical Society</i> , 2016, 138, 12340-12343.	13.7	180
2	Asymmetric Synthesis of Triarylmethanes by Rhodium-Catalyzed Enantioselective Arylation of Diarylmethylamines with Arylboroxines. <i>Journal of the American Chemical Society</i> , 2015, 137, 7556-7559.	13.7	142
3	Palladium(ii)-catalyzed asymmetric hydrophosphination of enones: efficient access to chiral tertiary phosphines. <i>Chemical Communications</i> , 2010, 46, 6950.	4.1	128
4	Asymmetric Synthesis of <i>P</i> -Stereogenic Diarylphosphinites by Palladium-Catalyzed Enantioselective Addition of Diarylphosphines to Benzoquinones. <i>Journal of the American Chemical Society</i> , 2014, 136, 4865-4868.	13.7	119
5	Direct Synthesis of Chiral Tertiary Diphosphines <i>via</i> Pd(II)-Catalyzed Asymmetric Hydrophosphination of Dienones. <i>Organic Letters</i> , 2011, 13, 5862-5865.	4.6	116
6	Palladacycle-Catalyzed Asymmetric Hydrophosphination of Enones for Synthesis of C*- and P*-Chiral Tertiary Phosphines. <i>Inorganic Chemistry</i> , 2012, 51, 2533-2540.	4.0	98
7	Asymmetric Synthesis of Enaminophosphines via Palladacycle-Catalyzed Addition of Ph ₂ PH to α,β -Unsaturated Imines. <i>Journal of Organic Chemistry</i> , 2012, 77, 6849-6854.	3.2	71
8	Palladacycle-Catalyzed Asymmetric Intermolecular Construction of Chiral Tertiary P-Heterocycles by Stepwise Addition of H-C-H Bonds to Bis(enones). <i>Organometallics</i> , 2012, 31, 4871-4875.	2.3	67
9	Asymmetric Conjugate Alkynylation of Cyclic α,β -Unsaturated Carbonyl Compounds with a Chiral Diene Rhodium Catalyst. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 1133-1137.	13.8	65
10	Amide-Directed C-H Sodiation by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie - International Edition</i> , 2017, 56, 6544-6547.	13.8	58
11	Enantioselective Addition of Diphenylphosphine to 3-Methyl-4-Nitro-5-Alkenylisoxazoles. <i>Advanced Synthesis and Catalysis</i> , 2013, 355, 1403-1408.	4.3	55
12	Enantioselective phospho-Michael addition of diarylphosphines to α,β -unsaturated α -ketoesters and amides. <i>Chemical Communications</i> , 2014, 50, 8768-8770.	4.1	46
13	Diverse C-P Cross-Couplings of Arylsulfonium Salts with Diarylphosphines via Selective C-S Bond Cleavage. <i>Organic Letters</i> , 2021, 23, 2386-2391.	4.6	35
14	Asymmetric Synthesis of Functionalized 1,2-Diphosphine via the Chemoselective Hydrophosphination of Coordinated Allylic Phosphines. <i>Organometallics</i> , 2009, 28, 780-786.	2.3	29
15	Palladacycle Catalyzed Asymmetric P-H Addition of Diarylphosphines to α -Enoyl Phthalimides. <i>Chemistry - A European Journal</i> , 2014, 20, 14514-14517.	3.3	27
16	Palladium Template Promoted Asymmetric Synthesis of 1,2-Diphosphines by Hydrophosphination of Functionalized Allenes. <i>Organometallics</i> , 2010, 29, 536-542.	2.3	26
17	Catalytic Asymmetric Diarylphosphine Addition to α -Dialkyl Diazoesters for the Synthesis of P-Stereogenic Phosphinates via P-N Bond Formation. <i>Journal of Organic Chemistry</i> , 2020, 85, 14763-14771.	3.2	24
18	Highly Enantioselective Synthesis of Monofluoroalkenes by Rhodium-Catalyzed Asymmetric Arylation/Defluorination of Allyl Difluorides. <i>Organic Letters</i> , 2020, 22, 8413-8418.	4.6	17

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19	Stereoselective and Atom-Economic Alkenyl C-H Allylation/Alkenylation in Aqueous Media by Iridium Catalysis. <i>Journal of Organic Chemistry</i> , 2020, 85, 7225-7237.	3.2	17
20	Cu-Catalyzed highly selective silylation and borylation of alkenylsulfonium salts. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5699-5704.	4.5	17
21	Asymmetric Conjugate Alkynylation of Cyclic α,β -Unsaturated Carbonyl Compounds with a Chiral Diene Rhodium Catalyst. <i>Angewandte Chemie</i> , 2016, 128, 1145-1149.	2.0	15
22	Amide-Directed C-H Sodiation by a Sodium Hydride/Iodide Composite. <i>Angewandte Chemie</i> , 2017, 129, 6644-6647.	2.0	15
23	Reactivity of Cycloplatinated Amine Complexes: Intramolecular C-C Bond Formation, C-H Activation, and PPh ₂ Migration in Coordinated Alkynylphosphines. <i>Organometallics</i> , 2012, 31, 8407-8413.	2.3	8
24	Enantioselective <i>C,P</i> -Palladacycle-Catalyzed Arylation of Imines. <i>ACS Omega</i> , 2020, 5, 15936-15941.	3.5	8
25	Rhodium/Chiral-Diene-Catalyzed Switchable Asymmetric Divergent Arylation of Enone-Diones. <i>Organic Letters</i> , 2022, 24, 2420-2424.	4.6	8
26	Stereospecific cyanation of the olefinic C-H bond enabled by 1,4-rhodium migration. <i>Organic Chemistry Frontiers</i> , 2021, 8, 3008-3013.	4.5	7