

Haohua Huo

List of Publications by Year in descending order

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21
papers

2,034
citations

430754

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docs citations

26
times ranked

1626
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric photoredox transition-metal catalysis activated by visible light. <i>Nature</i> , 2014, 515, 100-103.	13.7	527
2	Catalytic, Enantioselective Addition of Alkyl Radicals to Alkenes via Visible-Light-Activated Photoredox Catalysis with a Chiral Rhodium Complex. <i>Journal of the American Chemical Society</i> , 2016, 138, 6936-6939.	6.6	205
3	Enantioselective, Catalytic Trichloromethylation through Visible-Light-Activated Photoredox Catalysis with a Chiral Iridium Complex. <i>Journal of the American Chemical Society</i> , 2015, 137, 9551-9554.	6.6	162
4	Asymmetric Catalysis with Substitutionally Labile yet Stereochemically Stable Chiral-at-Metal Iridium(III) Complex. <i>Journal of the American Chemical Society</i> , 2014, 136, 2990-2993.	6.6	161
5	Asymmetric Lewis acid catalysis directed by octahedral rhodium centrochirality. <i>Chemical Science</i> , 2015, 6, 1094-1100.	3.7	148
6	Catalyst-controlled doubly enantioconvergent coupling of racemic alkyl nucleophiles and electrophiles. <i>Science</i> , 2020, 367, 559-564.	6.0	143
7	Direct Enantioselective C(sp ³)-H Acylation for the Synthesis of $\hat{\pm}$ -Amino Ketones. <i>Journal of the American Chemical Society</i> , 2020, 142, 19058-19064.	6.6	110
8	Merger of Visible Light Induced Oxidation and Enantioselective Alkylation with a Chiral Iridium Catalyst. <i>Chemistry - A European Journal</i> , 2015, 21, 7355-7359.	1.7	78
9	Octahedral Chiral-at-Metal Iridium Catalysts: Versatile Chiral Lewis Acids for Asymmetric Conjugate Additions. <i>Chemistry - A European Journal</i> , 2015, 21, 9720-9726.	1.7	66
10	Asymmetric benzylic C(sp ³)-H acylation via dual nickel and photoredox catalysis. <i>Nature Communications</i> , 2021, 12, 3536.	5.8	63
11	Enantioselective Total Syntheses of ($\hat{-}$)-FR901483 and (+)-8- <i>epi</i> -FR901483. <i>Journal of Organic Chemistry</i> , 2013, 78, 455-465.	1.7	56
12	Modular Access to Chiral $\hat{\pm}$ -(Hetero)aryl Amines via Ni/Photoredox-Catalyzed Enantioselective Cross-Coupling. <i>Journal of the American Chemical Society</i> , 2022, 144, 8797-8806.	6.6	56
13	Metal-templated enantioselective enamine/H-bonding dual activation catalysis. <i>Chemical Communications</i> , 2014, 50, 10409.	2.2	54
14	Visible-Light-Activated Enantioselective Perfluoroalkylation with a Chiral Iridium Photoredox Catalyst. <i>Synlett</i> , 2016, 27, 749-753.	1.0	43
15	Stereodivergent Synthesis of Both <i>Z</i> - and <i>E</i> -Alkenes by Photoinduced, Ni-Catalyzed Enantioselective C(sp ³)-H Alkenylation. <i>ACS Catalysis</i> , 2021, 11, 13567-13574.	5.5	43
16	A Formal Enantioselective Total Synthesis of FR901483. <i>Organic Letters</i> , 2012, 14, 4834-4837.	2.4	38
17	Cooperative Photoredox and Asymmetric Catalysis. <i>Chimia</i> , 2016, 70, 186.	0.3	31
18	Photoinduced nickel-catalyzed enantioselective coupling reactions. <i>Coordination Chemistry Reviews</i> , 2022, 460, 214479.	9.5	20

#	ARTICLE	IF	CITATIONS
19	Progress on the total synthesis of natural products in China: From 2006 to 2010. <i>Science China Chemistry</i> , 2012, 55, 1175-1212.	4.2	10
20	Enantioselective $\hat{1}^2\text{-C}(\text{sp}^3)\text{-H}$ arylation of amides via synergistic nickel and photoredox catalysis. <i>Organic and Biomolecular Chemistry</i> , 2021, 19, 9407-9409.	1.5	7
21	Enantioselective Synthesis of the Diazatricyclic Core of Alkaloid TAN1251C via an Iodoaminocyclization Reaction. <i>Chinese Journal of Chemistry</i> , 2010, 28, 1717-1724.	2.6	6