

Xiaodong Shen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

1,346
citations

687363

13
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1125743

13
g-index

18
all docs

18
docs citations

18
times ranked

1336
citing authors

#	ARTICLE	IF	CITATIONS
1	Asymmetric photoredox transition-metal catalysis activated by visible light. <i>Nature</i> , 2014, 515, 100-103.	27.8	527
2	Asymmetric Radicalâ€“Radical Crossâ€“Coupling through Visibleâ€“Lightâ€“Activated Iridium Catalysis. <i>Angewandte Chemie - International Edition</i> , 2016, 55, 685-688.	13.8	218
3	Asymmetric Lewis acid catalysis directed by octahedral rhodium centrochirality. <i>Chemical Science</i> , 2015, 6, 1094-1100.	7.4	148
4	Expanding the family of bis-cyclometalated chiral-at-metal rhodium(iii) catalysts with a benzothiazole derivative. <i>Dalton Transactions</i> , 2016, 45, 8320-8323.	3.3	80
5	A Rhodium Catalyst Superior to Iridium Congeners for Enantioselective Radical Amination Activated by Visible Light. <i>Chemistry - A European Journal</i> , 2016, 22, 9102-9105.	3.3	75
6	Octahedral Chiralâ€“Metal Iridium Catalysts: Versatile Chiral Lewis Acids for Asymmetric Conjugate Additions. <i>Chemistry - A European Journal</i> , 2015, 21, 9720-9726.	3.3	66
7	Bis(Î²-diketiminato) Rare-Earth-Metal Borohydrides: Syntheses, Structures, and Catalysis for the Polymerizations of α -Lactide, Îµ-Caprolactone, and Methyl Methacrylate. <i>Organometallics</i> , 2012, 31, 6222-6230.	2.3	45
8	Visible-Light-Activated Enantioselective Perfluoroalkylation with a Chiral Iridium Photoredox Catalyst. <i>Synlett</i> , 2016, 27, 749-753.	1.8	43
9	New reaction of Î²-diketiminatoeuropium complex: sterically induced oxidationâ€“coupling of Î²-diketiminato ligands. <i>Chemical Communications</i> , 2010, 46, 4118.	4.1	29
10	Reduction of Sterically Hindered Î²-Diketiminato Europium(iii) Complexes by the Î²-Diketiminato Anion: A Convenient Route for the Synthesis of Î²-Diketiminato Europium(ii) Complexes. <i>Dalton Transactions</i> , 2012, 41, 3668.	3.3	24
11	A Comparative Study on the Reactivity of Tris-Î²-Diketiminato Ytterbium Complexes: Steric Effect of Î²-Diketiminato Ligands. <i>European Journal of Inorganic Chemistry</i> , 2010, 2010, 2523-2529.	2.0	22
12	Deprotonation of Î²-Diketiminato in Sterically Demanding Î²-Diketiminato)lanthanide Complexes: Influence of Lanthanide Metals. <i>European Journal of Inorganic Chemistry</i> , 2011, 2011, 1448-1453.	2.0	20