Radim Hrdina

List of Publications by Year
in descending order

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29 papers	853 citations	394421 19 h-index	477307 29 g-index
41 all docs	41 docs citations	41 times ranked	740 citing authors

#	Article	IF	Citations
1	New Pathway to C₂â€Symmetric Atropoisomeric Bipyridine N,Nâ€²â€Dioxides and Solvent Effect in Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2008, 350, 1449-1456.	4.3	66
2	Simple and Fast Synthesis of New Axially Chiral Bipyridine N,Nâ€²â€Dioxides for Highly Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2009, 351, 1279-1283.	4.3	65
3	Siliconâ^'(Thio)urea Lewis Acid Catalysis. Journal of the American Chemical Society, 2011, 133, 7624-7627.	13.7	62
4	A Simple Approach to Unsymmetric Atropoisomeric BipyridineN,Nâ€²-Dioxides and Their Application in Enantioselective Allylation of Aldehydes. Advanced Synthesis and Catalysis, 2007, 349, 822-826.	4.3	56
5	An easy route to atropoisomeric bipyridine N,Nâ€²-dioxides and allylation of aldehydes. Tetrahedron: Asymmetry, 2006, 17, 3185-3191.	1.8	49
6	Kinetic resolution of trans-cycloalkane-1,2-diols via Steglich esterification. Chemical Communications, 2010, 46, 2689.	4.1	48
7	Lipophilic Oligopeptides for Chemo- and Enantioselective Acyl Transfer Reactions onto Alcohols. Journal of Organic Chemistry, 2013, 78, 8465-8484.	3.2	47
8	Neutral and ionic reaction mechanisms for the allylation of aldehydes by bipyridine N,Nâ€²-dioxides. Chemical Communications, 2009, , 2314.	4.1	42
9	Dirhodium(II,II) Paddlewheel Complexes. European Journal of Inorganic Chemistry, 2021, 2021, 501-528.	2.0	42
10	Synthesis of atropoisomeric pyridines via cobalt-catalyzed cocyclotrimerization of diynes with benzonitrile. Tetrahedron, 2006, 62, 968-976.	1.9	36
11	A Multicatalyst System for the Oneâ€Pot Desymmetrization/Oxidation of mesoâ€1,2â€Alkane Diols. Chemistry - A European Journal, 2011, 17, 6309-6314.	3.3	33
12	Enantioselective Allylation of Aldehydes Catalyzed by Diastereoisomeric Bis(tetrahydroisoquinoline) N,Nâ€²â€Dioxides. European Journal of Organic Chemistry, 2010, 2010, 7040-7044.	2.4	30
13	Intramolecular Câ€“H Amination Reaction Provides Direct Access to 1,2â€Disubstituted Diamondoids. European Journal of Organic Chemistry, 2015, 2015, 6231-6236.	2.4	29
14	Enantiomerically enriched trans-diols from alkenes in one pot: a multicatalyst approach. Chemical Communications, 2012, 48, 2498.	4.1	27
15	Site-selective nitrenoid insertions utilizing postfunctionalized bifunctional rhodium(<scp>ii</scp>) catalysts. Chemical Science, 2019, 10, 3324-3329.	7.4	26
16	Remote stereoselective deconjugation of Î±,Î²-unsaturated esters by simple amidation reactions. Chemical Science, 2015, 6, 4923-4928.	7.4	25
17	Synthesis, Structural Analysis, and Catalytic Properties of Tetrakis(binaphthyl or) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 50 102 T	2.3	24
18	Oneâ€Pot Multiâ€Component Synthesis and Solid State Structures of Functionally Rich Polyether Macrocycles. Advanced Synthesis and Catalysis, 2013, 355, 3161-3169.	4.3	24

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19	Cï£¿H Bond Arylation of Diamondoids Catalyzed by Palladium(II) Acetate. Advanced Synthesis and Catalysis, 2016, 358, 2163-2171.	4.3	21
20	Directed Câ€“H Functionalization of the Adamantane Framework. Synthesis, 2019, 51, 629-642.	2.3	18
21	Azido-Adamantyl Tin Sulfide Clusters for Bioconjugation. Organometallics, 2019, 38, 329-335.	2.3	14
22	Peptide-Functionalized Organotin Sulfide Clusters. Organometallics, 2016, 35, 3215-3220.	2.3	13
23	Directed Câˆ’H Bond Oxidation of Bridged Cycloalkanes Catalyzed by Palladium(II) Acetate. Chemistry - A European Journal, 2018, 24, 6269-6276.	3.3	13
24	Triflic Acid Promoted Decarboxylation of Adamantane-oxazolidine-2-one: Access to Chiral Amines and Heterocycles. Journal of Organic Chemistry, 2017, 82, 4891-4899.	3.2	12
25	Stereoselective deconjugation of macrocyclic Î±,Î²-unsaturated esters by sequential amidation and olefin transposition: application to enantioselective phase-transfer catalysis. Organic and Biomolecular Chemistry, 2019, 17, 6905-6910.	2.8	11
26	Diamondoid Amino Acidâ€Based Peptide Kinaseâ€...A Inhibitor Analogues. ChemMedChem, 2019, 14, 663-672.	3.2	7
27	[1,2]-Rearrangement of iminium salts provides access to heterocycles with adamantane scaffold. Organic and Biomolecular Chemistry, 2020, 18, 4941-4945.	2.8	7
28	Catalytic Asymmetric Allylation of Aliphatic Aldehydes by Chiral Bipyridine N,Nâ€²-Dioxides. Synlett, 2008, 2008, 3141-3144.	1.8	3
29	Synthesis of noradamantane derivatives by ring-contraction of the adamantane framework. Organic and Biomolecular Chemistry, 2021, 19, 4027-4031.	2.8	3