

Yuanhua Wang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Cationic Chiral Dirhodium Carboxamidates Are Activated for Lewis Acid Catalysis. <i>Angewandte Chemie - International Edition</i> , 2008, 47, 1439-1442.	13.8	68
2	Rh ₂ (esp) ₂ -catalyzed allylic and benzylic oxidations. <i>Chemical Communications</i> , 2015, 51, 5852-5855.	4.1	55
3	Dirhodium(II)-Catalyzed Sulfide Oxygenations: Catalyst Removal by Coprecipitation with Sulfoxides. <i>Journal of Organic Chemistry</i> , 2016, 81, 129-136.	3.2	35
4	Dirhodium(II)-Catalyzed Carbonylation Peroxidation of $\hat{1},\hat{2}$ -Unsaturated Esters: Mechanistic Insight into the Role of Aryl Aldehydes. <i>Inorganic Chemistry</i> , 2017, 56, 8166-8174.	4.0	27
5	Rapid iodine adsorption from vapor phase and solution by a nitrogen-rich covalent piperazine-triazine-based polymer. <i>New Journal of Chemistry</i> , 2021, 45, 5363-5370.	2.8	24
6	Visible light driven photocatalytic removal of uranium(VI) in strongly acidic solution. <i>Journal of Hazardous Materials</i> , 2022, 426, 127851.	12.4	23
7	Mild Dirhodium(II)-Catalyzed Chemo- and Regioselective Azidation of Arenes. <i>Organic Letters</i> , 2018, 20, 5732-5736.	4.6	21
8	Dirhodium(II)-Catalyzed (3 + 2) Cycloaddition of the N-Arylamino-cyclopropane with Alkene Derivatives. <i>Organic Letters</i> , 2018, 20, 2693-2697.	4.6	20
9	Axial Tri- <i>tert</i> -butylphosphane Coordination to Rh ₂ (OAc) ₄ : Synthesis, Structure, and Catalytic Studies. <i>Organometallics</i> , 2016, 35, 3139-3147.	2.3	19
10	Synthesis of 4-Iodoisoquinolin-1(2H)-ones by a Dirhodium(II)-Catalyzed 1,4-Bisfunctionalization of Isoquinolinium Iodide Salts. <i>Organic Letters</i> , 2019, 21, 434-438.	4.6	18
11	Dirhodium(II)-Catalyzed Cross-Coupling Reactions of Aryl Aldehydes with Arylboronic Acids in Water. <i>European Journal of Organic Chemistry</i> , 2014, 2014, 1163-1166.	2.4	17
12	Stereoselectivity in Metal Carbene Addition to a Carbon-Carbon Triple Bond Tied to the Reactant Diazoacetate Through a Chiral Linker. <i>Advanced Synthesis and Catalysis</i> , 2006, 348, 2403-2409.	4.3	16
13	Mild and Practical Dirhodium(II)/NHPI-Mediated Allylic and Benzylic Oxidations with Air as the Oxidant. <i>Chemistry - A European Journal</i> , 2019, 25, 14273-14277.	3.3	16
14	Recyclable Dirhodium(II) Catalyst Rh ₂ (esp) ₂ for the Allylic Oxidation of $\hat{1}^{\text{st}}$ -Steroids. <i>Journal of Organic Chemistry</i> , 2017, 82, 4729-4736.	3.2	13
15	Dirhodium(II)/P(<i>t</i> -Bu) ₃ catalyzed tandem reaction of $\hat{1},\hat{2}$ -unsaturated aldehydes with arylboronic acids. <i>Organic and Biomolecular Chemistry</i> , 2018, 16, 7470-7476.	2.8	13
16	Dirhodium(II)-catalyzed diamination reaction via a free radical pathway. <i>Organic Chemistry Frontiers</i> , 2021, 8, 5098-5104.	4.5	13
17	Dirhodium(II)-catalyzed [3 + 2] cycloaddition of <i>N</i> -arylamino-cyclopropane with alkyne derivatives. <i>Beilstein Journal of Organic Chemistry</i> , 2019, 15, 542-550.	2.2	10
18	Pd(NHC)(cinnyl)Cl-catalyzed Suzuki cross-coupling reaction of aryl sulfonates with arylboronic acids. <i>Molecular Diversity</i> , 2020, 24, 903-911.	3.9	8

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19	Dirhodium(II)-Catalyzed C(sp ²)-H Azidation of Benzaldehydes. <i>Chemistry - A European Journal</i> , 2020, 26, 6805-6811.	3.3	7
20	Rhodium(II)-Catalyzed C(sp ³)-H Diamination of Arylcyclobutanes. <i>Angewandte Chemie - International Edition</i> , 2022, 61, .	13.8	6
21	C(sp ³)-H 1,3-diamination of cumene derivatives catalyzed by a dirhodium(<i>ii</i>) catalyst. <i>Organic Chemistry Frontiers</i> , 0, , .	4.5	5
22	2-Chloroimidazolium Chloride as a Coupling Reagent for Amide Bond Formation. <i>ChemistrySelect</i> , 2020, 5, 4596-4600.	1.5	4
23	Mild and Practical Dirhodium(II)/NHPI-Mediated Allylic and Benzylic Oxidations with Air as the Oxidant. <i>Chemistry - A European Journal</i> , 2019, 25, 14257-14257.	3.3	1
24	Facial synthesis of key intermediate of obeticholic acid via Pd-catalyzed Kumada-Tamao-Corriu cross-coupling reaction. <i>Steroids</i> , 2020, 160, 108657.	1.8	1
25	Dirhodium(II)-Catalyzed C(sp ²)-H Azidation of Benzaldehydes. <i>Chemistry - A European Journal</i> , 2020, 26, 6740-6740.	3.3	1
26	Palladium-Catalyzed Synthesis of Aryl Ketones from Carboxylic Acids and Arylboronic Acids Using 2-Chloroimidazolium Chloride as a Coupling Reagent. <i>Synthesis</i> , 0, , .	2.3	1
27	Oxidatively Induced Selective Carbon-Carbon Bond Formation From Isolated Rhodium(III) Complexes. <i>Chemistry - A European Journal</i> , 2021, 27, 14317-14321.	3.3	0
28	Fine-tuning dirhodium compounds with bridging ligands: Synthesis, structure, catalytic efficiency. <i>Journal of Organometallic Chemistry</i> , 2021, 954-955, 122078.	1.8	0
29	Rhodium(II)-Catalyzed C(sp ³)-H Diamination of Arylcyclobutanes. <i>Angewandte Chemie</i> , 0, , .	2.0	0