

Ya-Nan Duan

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enantioselective Hydrogenation of Tetrasubstituted α,β -Unsaturated Carboxylic Acids Enabled by Cobalt(II) Catalysis: Scope and Mechanistic Insights. <i>Angewandte Chemie</i> , 2021, 133, 11485-11491.	2.0	15
2	Enantioselective Hydrogenation of Tetrasubstituted α,β -Unsaturated Carboxylic Acids Enabled by Cobalt(II) Catalysis: Scope and Mechanistic Insights. <i>Angewandte Chemie - International Edition</i> , 2021, 60, 11384-11390.	13.8	58
3	Cobalt-Catalyzed Hydrogenative Transformation of Nitriles. <i>ACS Catalysis</i> , 2021, 11, 13761-13767.	11.2	6
4	Cobalt-catalyzed highly enantioselective hydrogenation of α,β -unsaturated carboxylic acids. <i>Nature Communications</i> , 2020, 11, 3239.	12.8	77
5	Redetermination of the Structure of a Water-Soluble Hypervalent Iodine(V) Reagent AIBX and Its Synthetic Utility in the Oxidation of Alcohols and Synthesis of IsoxazolineN-Oxides. <i>Journal of Organic Chemistry</i> , 2019, 84, 14381-14393.	3.2	12
6	Homogeneous Hydrogenation with a Cobalt/Tetraphosphine Catalyst: A Superior Hydride Donor for Polar Double Bonds and <i>N</i> -Heteroarenes. <i>Journal of the American Chemical Society</i> , 2019, 141, 20424-20433.	13.7	44
7	Double dehydrogenation of carbocyclic α,β -dicarbonyl compounds: Koser's reagent can do what iodine(V) reagents can. <i>Science China Chemistry</i> , 2019, 62, 597-601.	8.2	2
8	Iodosobenzene-mediated direct and efficient oxidation of α,β -dicarbonyls to vicinal tricarbonyls catalyzed by iron(III) salts. <i>Organic Chemistry Frontiers</i> , 2016, 3, 1686-1690.	4.5	18
9	Recyclable Hypervalent-Iodine-Mediated Dehydrogenative Cyclopropanation under Metal-Free Conditions. <i>Organic Letters</i> , 2016, 18, 6176-6179.	4.6	24
10	Recyclable Hypervalent-Iodine-Mediated Dehydrogenative α,β -Bifunctionalization of α,β -Keto Esters Under Metal-Free Conditions. <i>Chemistry - A European Journal</i> , 2015, 21, 13052-13057.	3.3	23