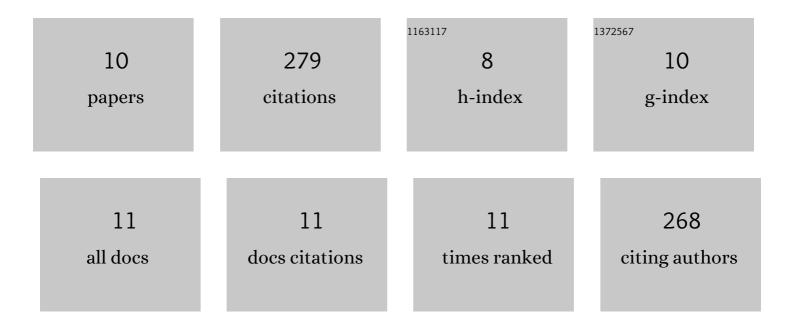
## Ya-Nan Duan

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3720345/publications.pdf Version: 2024-02-01



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