JesÃºs Antonio Luque-Urrutia

List of Publications by Year
in descending order

12	394	932766 10	1199166 12
papers	citations	h-index	g-index

12	12	12	489
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Mechanism of the Manganese-Pincer-Catalyzed Acceptorless Dehydrogenative Coupling of Nitriles and Alcohols. Journal of the American Chemical Society, 2019, 141, 2398-2403.	6.6	69
2	Mechanism of the Suzukiâ€“Miyaura Cross-Coupling Reaction Mediated by [Pd(NHC)(allyl)Cl] Precatalysts. Organometallics, 2017, 36, 2088-2095.	1.1	68
3	Mechanism of Coupling of Alcohols and Amines To Generate Aldimines and H₂ by a Pincer Manganese Catalyst. ACS Catalysis, 2019, 9, 1662-1669.	5.5	62
4	The Fundamental Noninnocent Role of Water for the Hydrogenation of Nitrous Oxide by PNP Pincer Ru-based Catalysts. Inorganic Chemistry, 2017, 56, 14383-14387.	1.9	50
5	Cycloaddition of CO₂ to epoxides by highly nucleophilic 4-aminopyridines: establishing a relationship between carbon basicity and catalytic performance by experimental and DFT investigations. Organic Chemistry Frontiers, 2021, 8, 613-627.	2.3	50
6	Enhancing the Catalytic Performance of Group I, II Metal Halides in the Cycloaddition of CO₂ to Epoxides under Atmospheric Conditions by Cooperation with Homogeneous and Heterogeneous Highly Nucleophilic Aminopyridines: Experimental and Theoretical Study. Journal of Organic Chemistry, 2022, 87, 2873-2886.	1.7	25
7	Double-Carrousel Mechanism for Mn-Catalyzed Dehydrogenative Amide Synthesis from Alcohols and Amines. ACS Catalysis, 2021, 11, 6155-6161.	5.5	19
8	In Silico Switch from Second- to First-Row Transition Metals in Olefin Metathesis: From Ru to Fe and from Rh to Co. Catalysts, 2017, 7, 389.	1.6	15
9	Do Carbon Nanoâ€onions Behave as Nanoscopic Faraday Cages? Aâ€‰Comparison of the Reactivity of C₆₀, C₂₄₀, C₆₀@C₂₄₀, Li⁺@C₆₀, Li⁺@C₂₄₀, and Li⁺@C₆₀@C₂₄₀. Chemistry - A European Journal, 2020, 26, 804-808.	1.7	12
10	Understanding the performance of a bisphosphonate Ru water oxidation catalyst. Dalton Transactions, 2020, 49, 14052-14060.	1.6	10
11	The influence of the pH on the reaction mechanism of water oxidation by a Ru(bda) catalyst. Catalysis Today, 2020, 358, 278-283.	2.2	9
12	Chelation enforcing a dual gold configuration in the catalytic hydroxyphenoxylation of alkynes. Applied Organometallic Chemistry, 2021, 35, e6362.	1.7	5