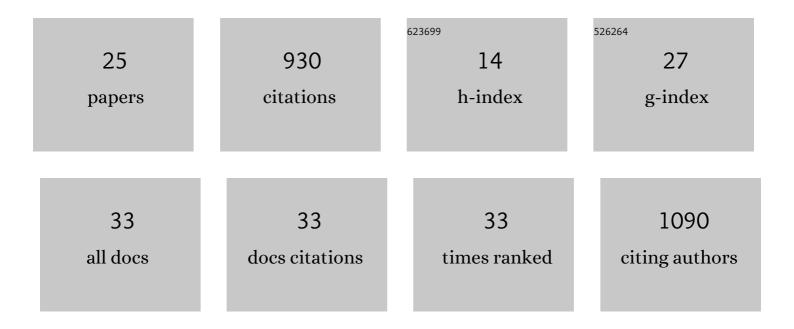


List of Publications by Year in descending order

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IF # ARTICLE CITATIONS Hf(OTf)₄-Catalyzed 1,6-Conjugate Addition of 2-Alkyl-azaarenes to <i>para</i>-Quinone Methides. Journal of Organic Chemistry, 2021, 86, 3615-3624. Bis(μ-oxo)–Dititanium(IV)–Chiral Binaphthyldisulfonate Complexes for Highly Enantioselective 9 11.2 13 Intramolecular Hydroalkoxylátion of Nonactivated Alkenes. ACS Catalysis, 2021, 11, 6270-6275. Acidic metal–organic framework empowered precise hydrodeoxygenation of bio-based furan compounds and cyclic ethers for sustainable fuels. Green Chemistry, 2021, 23, 9974-9981. Oxidative Aromatization of Biobased Chemicals to Benzene Derivatives through Tandem Catalysis. ACS 4 6.7 11 Sustainable Chemistry and Engineering, 2020, 8, 14322-14329. When Anthracene and Quinone Avoid Cycloaddition: Acid-Catalyzed Redox Neutral Functionalization 4.6 of Anthracene to Aryl Ethers. Organic Letters, 2020, 22, 4276-4282. Asymmetric Synthesis of Ethers by Catalytic Alkene HydroÂalkoxyÂłation. Synthesis, 2020, 52, 2127-2146. 6 2.3 12 Catalytic Oneâ€Pot Conversion of Renewable Platform Chemicals to Hydrocarbon and Ether Biofuels 6.8 through Tandem Hf(OTf)₄+Pd/C Catalysis. ChemSusChem, 2019, 12, 5217-5223. Catalytic amidation of natural and synthetic polyol esters with sulfonamides. Nature 8 12.8 4 Communications, 2019, 10, 3881. Catalytic Redox Chain Ring Opening of Lactones with Quinones To Synthesize Quinone-Containing Carboxylic Acids. Organic Letters, 2019, 21, 5078-5081. 4.6 Deciphering the Redox Chain Mechanism in the Catalytic Alkylation of Quinones. Synlett, 2018, 29, 10 1.8 6 1807-1813. Catalytic Electrophilic Alkylation of <i>p</i>â€Quinones through a Redox Chain Reaction. Angewandte 10 Chemie, 2017, 129, 8308-8312. Catalytic Electrophilic Alkylation of <i>p</i>â€Quinones through a Redox Chain Reaction. Angewandte 12 13.8 32 Chemie - International Edition, 2017, 56, 8196-8200. Thermodynamic Strategies for C–O Bond Formation and Cleavage via Tandem Catalysis. Accounts of 15.6 Chemical Research, 2016, 49, 824-834. Mono- and tri-ester hydrogenolysis using tandem catalysis. Scope and mechanism. Energy and 14 30.8 36 Environmental Science, 2016, 9, 550-564. Thermodynamically Leveraged Tandem Catalysis for Ester RC(O)O–Râ€² Bond Hydrogenolysis. Scope and 11.2 Mechanism. ACS Catalysis, 2015, 5, 3675-3679. Selective Ether/Ester C–O Cleavage of an Acetylated Lignin Model via Tandem Catalysis. ACS Catalysis, 16 11.2 69 2015, 5, 7004-7007. Rapid Ether and Alcohol C–O Bond Hydrogenolysis Catalyzed by Tandem High-Valent Metal Triflate + 13.7 Supported Pd Catalysts. Journal of the Ámerican Ćhemical Śociety, 2014, 136, 104-107. Friction and Wear Protection Performance of Synthetic Siloxane Lubricants. Tribology Letters, 2013, 18 2.6 15 51, 365-376.

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19	Reaction Pathways and Energetics of Etheric C–O Bond Cleavage Catalyzed by Lanthanide Triflates. ACS Catalysis, 2013, 3, 1908-1914.	11.2	48
20	Hydroxamic Acids in Asymmetric Synthesis. Accounts of Chemical Research, 2013, 46, 506-518.	15.6	92
21	Traction Characteristics of Siloxanes with Aryl and Cyclohexyl Branches. Tribology Letters, 2013, 49, 301-311.	2.6	11
22	Catalytic Enantioselective Epoxidation of Tertiary Allylic and Homoallylic Alcohols. Journal of the American Chemical Society, 2013, 135, 3411-3413.	13.7	69
23	Hf(IV)-Catalyzed Enantioselective Epoxidation of <i>N</i> -Alkenyl Sulfonamides and <i>N</i> -Tosyl Imines. Journal of the American Chemical Society, 2012, 134, 5440-5443.	13.7	70
24	Zirconium(IV)- and Hafnium(IV)-Catalyzed Highly Enantioselective Epoxidation of Homoallylic and Bishomoallylic Alcohols. Journal of the American Chemical Society, 2010, 132, 7878-7880.	13.7	70
25	Vanadiumâ€Catalyzed Enantioselective Desymmetrization of <i>meso</i> Secondary Allylic Alcohols and Homoallylic Alcohols, Angewandte Chemie - International Edition, 2008, 47, 7520-7522.	13.8	73