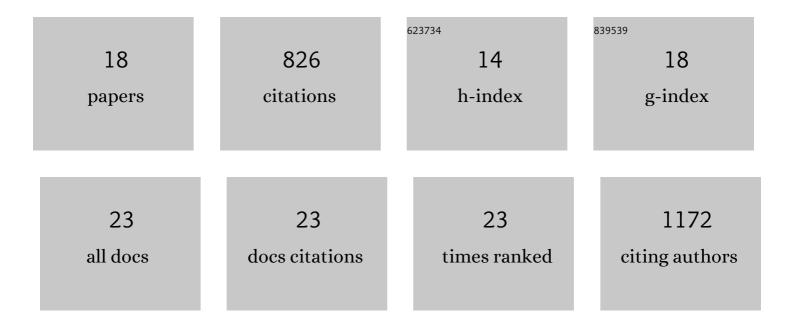
Niklas von Wolff

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Homogeneous Reforming of Aqueous Ethylene Glycol to Glycolic Acid and Pure Hydrogen Catalyzed by Pincerâ€Ruthenium Complexes Capable of Metal–Ligand Cooperation. Chemistry - A European Journal, 2021, 27, 4715-4722. | 3.3 | 22 |
| 2 | Taming Electron Transfers: From Breaking Bonds to Creating Molecules. Chemical Record, 2021, 21, 2095-2106. | 5.8 | 4 |
| 3 | Molecular Electrocatalytic Hydrogenation of Carbonyls and Dehydrogenation of Alcohols. ChemElectroChem, 2021, 8, 4019-4027. | 3.4 | 15 |
| 4 | Emergence of CO2 electrolyzers including supported molecular catalysts. Current Opinion in Electrochemistry, 2020, 24, 49-55. | 4.8 | 15 |
| 5 | Hydrogenative Depolymerization of Nylons. Journal of the American Chemical Society, 2020, 142, 14267-14275. | 13.7 | 101 |
| 6 | Iron Porphyrin Allows Fast and Selective Electrocatalytic Conversion of CO ₂ to CO in a Flow Cell. Chemistry - A European Journal, 2020, 26, 3034-3038. | 3.3 | 52 |
| 7 | Formamides as Isocyanate Surrogates: A Mechanistically Driven Approach to the Development of Atom-Efficient, Selective Catalytic Syntheses of Ureas, Carbamates, and Heterocycles. Journal of the American Chemical Society, 2019, 141, 16486-16493. | 13.7 | 47 |
| 8 | Pyridine-Based PCP-Ruthenium Complexes: Unusual Structures and Metal–Ligand Cooperation. Journal of the American Chemical Society, 2019, 141, 7554-7561. | 13.7 | 32 |
| 9 | Ethylene glycol as an efficient and reversible liquid-organic hydrogen carrier. Nature Catalysis, 2019, 2, 415-422. | 34.4 | 102 |
| 10 | Activation of SO ₂ by N/Si ⁺ and N/B Frustrated Lewis Pairs: Experimental and Theoretical Comparison with CO ₂ Activation. Chemistry - A European Journal, 2019, 25, 8118-8126. | 3.3 | 22 |
| 11 | SO ₂ conversion to sulfones: development and mechanistic insights of a sulfonylative Hiyama cross-coupling. Chemical Communications, 2019, 55, 12924-12927. | 4.1 | 18 |
| 12 | Câ^'C Bond Formation of Benzyl Alcohols and Alkynes Using a Catalytic Amount of KO ^t Bu: Unusual Regioselectivity through a Radical Mechanism. Angewandte Chemie - International Edition, 2019, 58, 3373-3377. | 13.8 | 23 |
| 13 | Synthesis of Aromatic Sulfones from SO ₂ and Organosilanes Under Metalâ€free Conditions. Angewandte Chemie - International Edition, 2017, 56, 5616-5619. | 13.8 | 77 |
| 14 | Reactivity and Structural Diversity in the Reaction of Guanidine 1,5,7â€Triazabicyclo[4.4.0]decâ€5â€ene with CO ₂ , CS ₂ , and Other Heterocumulenes. European Journal of Organic Chemistry, 2017, 2017, 676-686. | 2.4 | 10 |
| 15 | CO ₂ Conversion into Esters by Fluorideâ€Mediated Carboxylation of Organosilanes and Halide Derivatives. Chemistry - A European Journal, 2016, 22, 2930-2934. | 3.3 | 29 |
| 16 | Implications of CO ₂ Activation by Frustrated Lewis Pairs in the Catalytic Hydroboration of CO ₂ : A View Using N/Si ⁺ Frustrated Lewis Pairs. ACS Catalysis, 2016, 6, 4526-4535. | 11.2 | 115 |
| 17 | Oxidative Addition of Haloheteroarenes to Palladium(0): Concerted versus S _N Arâ€Type Mechanism. Chemistry - A European Journal, 2015, 21, 7858-7865. | 3.3 | 56 |
| 18 | Autocatalytic Intermolecular versus Intramolecular Deprotonation in CH Bond Activation of Functionalized Arenes by Ruthenium(II) or Palladium(II) Complexes. Chemistry - A European Journal, 2013, 19, 7595-7604. | 3.3 | 85 |