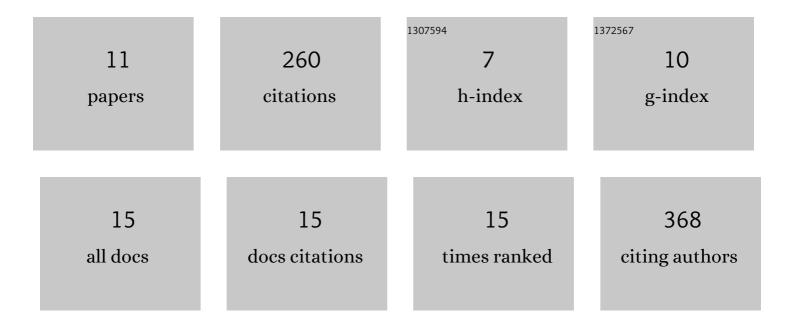
## Quinton J Bruch

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/4144914/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Dinitrogen Reduction to Ammonium at Rhenium Utilizing Light and Proton-Coupled Electron Transfer. Journal of the American Chemical Society, 2019, 141, 20198-20208.	13.7	62
2	Considering Electrocatalytic Ammonia Synthesis via Bimetallic Dinitrogen Cleavage. ACS Catalysis, 2020, 10, 10826-10846.	11.2	60
3	Redox-Active Bis(phenolate) N-Heterocyclic Carbene [OCO] Pincer Ligands Support Cobalt Electron Transfer Series Spanning Four Oxidation States. Inorganic Chemistry, 2017, 56, 12421-12435.	4.0	46
4	Ammonia Synthesis from a Pincer Ruthenium Nitride via Metal–Ligand Cooperative Proton-Coupled Electron Transfer. Journal of the American Chemical Society, 2017, 139, 5305-5308.	13.7	40
5	A Ruthenium Hydrido Dinitrogen Core Conserved across Multielectron/Multiproton Changes to the Pincer Ligand Backbone. Inorganic Chemistry, 2018, 57, 1964-1975.	4.0	15
6	Temperature and Solvent Effects on H <sub>2</sub> Splitting and Hydricity: Ramifications on CO <sub>2</sub> Hydrogenation by a Rhenium Pincer Catalyst. Journal of the American Chemical Society, 2021, 143, 945-954.	13.7	13
7	Mechanisms of Electrochemical N <sub>2</sub> Splitting by a Molybdenum Pincer Complex. Inorganic Chemistry, 2022, 61, 2307-2318.	4.0	11
8	Synthesis and Characterization of Stable Gold(III) PNP Pincer Complexes. European Journal of Inorganic Chemistry, 2018, 2018, 3113-3117.	2.0	7
9	Resources for Improving Safety Culture, Training, and Awareness in the Academic Laboratory. , 2021, , 1125-1143.		4
10	A bis(arylphosphinito)amide pincer ligand that binds nickel forming six-membered metallacycles. Polyhedron, 2020, 179, 114380.	2.2	1
11	The COVID-19 Pandemic as a Stress Test for Laboratory Safety Teams. Journal of Chemical Health and Safety, 2022, 29, 350-361.	2.1	1