

# Quinton J Bruch

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4144914/publications.pdf>

Version: 2024-02-01

11  
papers

260  
citations

1307594

7  
h-index

1372567

10  
g-index

15  
all docs

15  
docs citations

15  
times ranked

368  
citing authors

#	ARTICLE	IF	CITATIONS
1	Dinitrogen Reduction to Ammonium at Rhenium Utilizing Light and Proton-Coupled Electron Transfer. <i>Journal of the American Chemical Society</i> , 2019, 141, 20198-20208.	13.7	62
2	Considering Electrocatalytic Ammonia Synthesis via Bimetallic Dinitrogen Cleavage. <i>ACS Catalysis</i> , 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. <i>Inorganic Chemistry</i> , 2017, 56, 12421-12435.	4.0	46
4	Ammonia Synthesis from a Pincer Ruthenium Nitride via Metal-Ligand Cooperative Proton-Coupled Electron Transfer. <i>Journal of the American Chemical Society</i> , 2017, 139, 5305-5308.	13.7	40
5	A Ruthenium Hydrido Dinitrogen Core Conserved across Multielectron/Multiproton Changes to the Pincer Ligand Backbone. <i>Inorganic Chemistry</i> , 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. <i>Journal of the American Chemical Society</i> , 2021, 143, 945-954.	13.7	13
7	Mechanisms of Electrochemical N <sub>2</sub> Splitting by a Molybdenum Pincer Complex. <i>Inorganic Chemistry</i> , 2022, 61, 2307-2318.	4.0	11
8	Synthesis and Characterization of Stable Gold(III) PNP Pincer Complexes. <i>European Journal of Inorganic Chemistry</i> , 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. <i>Polyhedron</i> , 2020, 179, 114380.	2.2	1
11	The COVID-19 Pandemic as a Stress Test for Laboratory Safety Teams. <i>Journal of Chemical Health and Safety</i> , 2022, 29, 350-361.	2.1	1