CAS SciFinder

Task History

Initiating Search

August 2, 2024, 5:15 PM

References:

Advanced Search:

Author Name: **Malcolm, Jessica Deann**

Search Tasks

Task	Search Type	View
Returned Reference Results (78)	References	View Results
Exported: Viewed Reference Detail	References	View Detail

CAS SciFinder

Reference Detail

View in CAS SciFinder

Hydrazine disproportionation by pincer-iridium complexes: Aiming for insight into nitrogen reduction by molecular catalysts

By: Malcolm, Jessica Deann; Field, Kathleen D.; Zhou, Tian; Kissin, Yury; Allen, Rachel Nicole; Emge, Thomas J.; Krogh Jespersen, Karsten; Goldman, Alan Stuart

0 Substances • 0 Reactions • 0 Citations

There is great interest in the development of mol. catalysts for nitrogen reduction Substa ntial progress has been made in recent years, in particular since Nishibayashi's report of pincer-ligated molybdenum catalysts for reduction of N2 to ammonia. In this work, we attempt to gain insight relevant to nitrogen reduction through a study of hydrazine disproportionation catalyzed by pincer complexes of iridium and other metals. Through a combination of computational and exptl. studies, we aim to access and study interme diates and reaction steps potentially relevant to or directly involved in catalytic pathways for nitrogen reduction

Conference

Source
Abstracts of Papers, ACS Fall 2023, San Francisco, CA, United States
Pages: No pp. given
Conference; Article
2023
CODEN: 70ASFC
Full-Text Search

View all Sources in CAS Scifinder

Database Information
AN: 2023:2484536
CAplus

Company/Organization
Chemistry and Chemical Biology
Rutgers The State University of New Jersey
New Brunswick
United States

Publisher
American Chemical Society

Language
English