

研究成果報告書 (掲載期間 2020.11.1－2021.10.31)

審査学術論文

- (1) Fanqiang Meng, Shogo Kuriyama, Hiromasa Tanaka, Akihito Egi, Kazunari Yoshizawa, Yoshiaki Nishibayashi : Ammonia formation catalyzed by dinitrogen-bridged dirhenium complex bearing PNP-pincer ligands under mild reaction conditions, *Angew. Chem. Int. Ed.*, 60, 2020, 25, pp.13906–13912.
- (2) Akihito Egi, Hiromasa Tanaka, Kazunari Yoshizawa : Theoretical views on catalytic reaction pathways for nitrogen fixation by dinitrogen-bridging dimolybdenum complexes, *J. Synth. Org. Chem. Jpn.*, 79, 2021, 11, pp.1041–1049.

学会発表

- (1) Akihito Egi, Hiromasa Tanaka, Yoshiaki Nishibayashi, Kazunari Yoshizawa : Computational design of substituted PCP-type ligands for molybdenum-catalyzed nitrogen fixation, 錯体化学会, 錯体化学討論会 第 71 討論会, 2021 年 9 月, (オンライン開催).