



Assistant Professor

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Background

2019- Assistant Professor, Interdisciplinary Faculty of Science and Engineering, Shimane University

2019 Received Ph.D. from Shimane University

Research

Development of metal complexes for photochemical water reduction reaction

Key papers

1. N. Yano, M. Handa, Y. Kataoka, "Photophysical properties and Photosensitizing Abilities for Hydrogen Evolution Reactions of Robust Cyclometalated Iridium(III) Complexes with 5,5'-bis(trifluoromethyl)-2,2'-bipyridine", *Journal of Photochemistry and Photobiology A: Chemistry*, 2020, 400, 112716.
2. N. Yano, M. Handa, M. Mitsumi, Y. Kataoka, "One-dimensional Chain-type Copper(II) Coordination Polymers Linked by 1,4-Di(4-pyridyl)benzene; Synthesis, Crystal Structures, Magnetic Properties, and Gas-adsorption Properties", *Magnetochemistry*, 2018, 4, 26.
3. N. Yano, Y. Kataoka, H. Tanaka, T. Kawamoto, M. Handa, "A New Paddlewheel-type Dirhodium-based Metal-Organic Framework with deprotonated 2,6-Bis(2-benzimidazolyl)pyridine ligand", *ChemistrySelect*, 2016, 1, 2571.