Accepted Manuscript

The various structures and photocatalysis properties constructed with nitrogen heterocycle carboxylate ligand

Xiao-Xin Han, Xue Han, Ying Wang, Di Shang, Yong-Heng Xing, Feng-Ying Bai

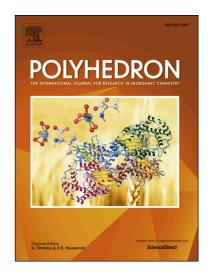
PII: S0277-5387(18)30264-X

DOI: https://doi.org/10.1016/j.poly.2018.05.026

Reference: POLY 13173

To appear in: Polyhedron

Received Date: 2 February 2018 Accepted Date: 9 May 2018



Please cite this article as: X-X. Han, X. Han, Y. Wang, D. Shang, Y-H. Xing, F-Y. Bai, The various structures and photocatalysis properties constructed with nitrogen heterocycle carboxylate ligand, *Polyhedron* (2018), doi: https://doi.org/10.1016/j.poly.2018.05.026

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

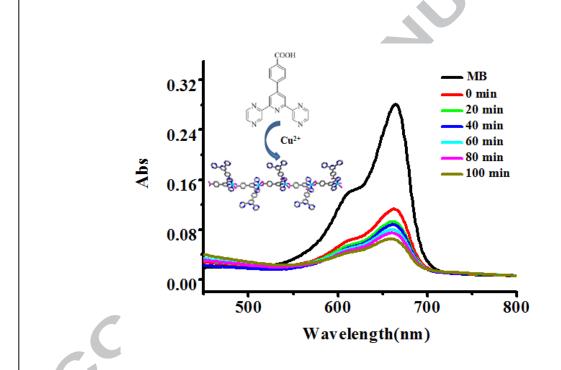
ACCEPTED MANUSCRIPT

Graphical Abstract

The various structures and photocatalysis properties constructed with nitrogen heterocycle carboxylate ligand

Xiao-Xin Han , Xue Han , Ying Wang , Di Shang , Yong-Heng Xing* , Feng-Ying Bai*

Design and synthesize three novel MOF (metal-organic framework) complexes. The complexes have an effect in the degradation of organic dye methylene blue (MB) under UV-vis irradiation. For complex 1, the degradation rate of dye is as high as 96%.



Download English Version:

https://daneshyari.com/en/article/7762517

Download Persian Version:

https://daneshyari.com/article/7762517

<u>Daneshyari.com</u>