

## Accepted Manuscript

Title: Synergistic photocatalytic performance of cobalt tetra(2-hydroxymethyl-1,4-dithiin)porphyrazine loaded on zinc oxide nanoparticles

Authors: Lan Cao, Changjun Yang, Bingguang Zhang, Kangle Lv, Mei Li, Kejian Deng



PII: S0304-3894(18)30604-6  
DOI: <https://doi.org/10.1016/j.jhazmat.2018.07.074>  
Reference: HAZMAT 19583

To appear in: *Journal of Hazardous Materials*

Received date: 5-1-2018  
Revised date: 17-7-2018  
Accepted date: 18-7-2018

Please cite this article as: Cao L, Yang C, Zhang B, Lv K, Li M, Deng K, Synergistic photocatalytic performance of cobalt tetra(2-hydroxymethyl-1,4-dithiin)porphyrazine loaded on zinc oxide nanoparticles, *Journal of Hazardous Materials* (2018), <https://doi.org/10.1016/j.jhazmat.2018.07.074>

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.

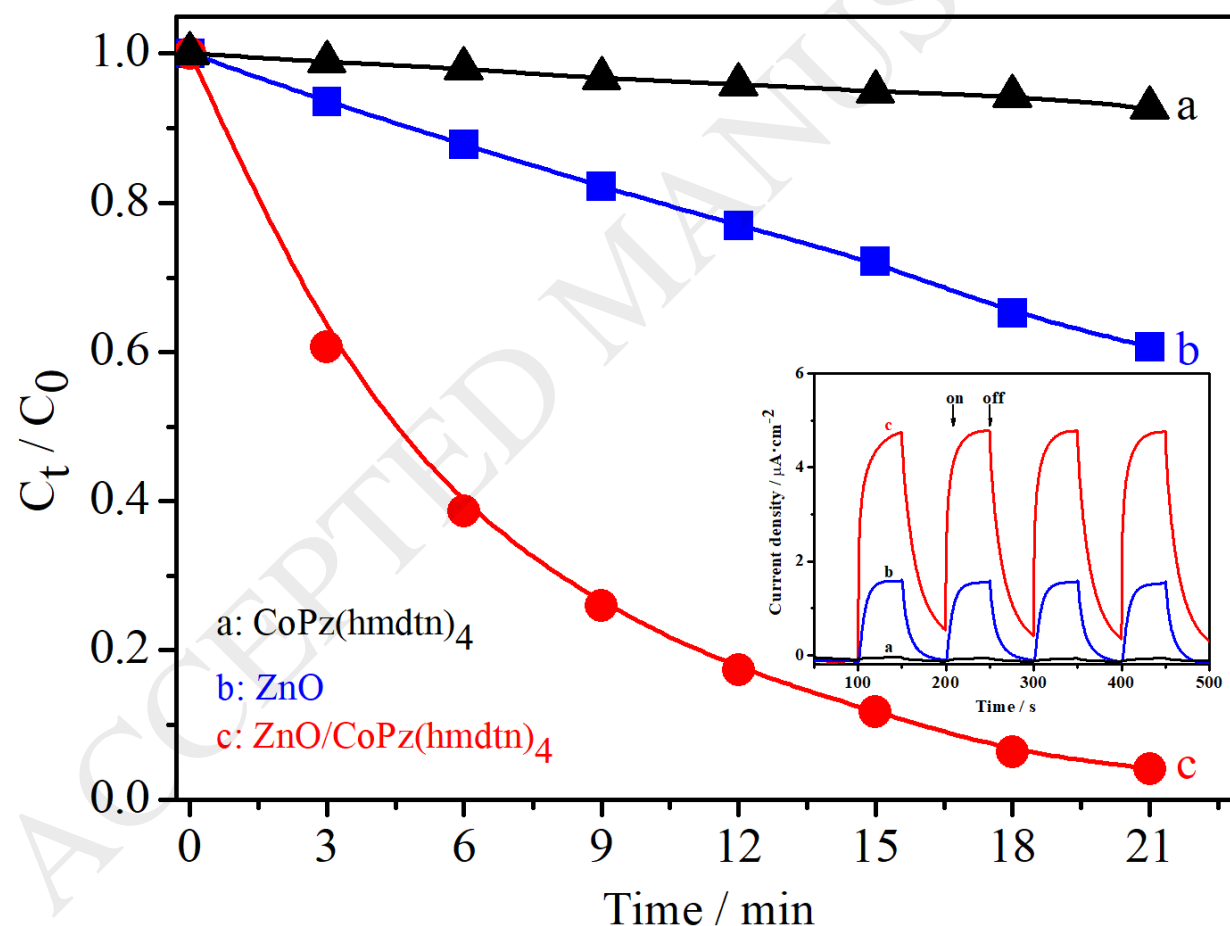
# Synergistic photocatalytic performance of cobalt tetra(2-hydroxymethyl-1,4-dithiin)porphyrazine loaded on zinc oxide nanoparticles

Lan Cao, Changjun Yang\*, Bingguang Zhang, Kangle Lv, Mei Li, Kejian Deng\*

Key Laboratory of Catalysis and Materials Science of the State Ethnic Affairs Commission & Ministry of Education, Hubei Province, College of Chemistry and Material Science, South-Central University For Nationalities, Wuhan 430074, China

\*Corresponding author: yangchangjun@mail.scuec.edu.cn (Changjun Yang), dengkj@scuec.edu.cn (Kejian Deng)

## Graphical Abstract



## Highlights

- An efficient hybridized photocatalyst  $\text{ZnO}/\text{CoPz}(\text{hmdtn})_4$  was obtained by combining the merits of  $\text{CoPz}(\text{hmdtn})_4$  and  $\text{ZnO}$ .

Download English Version:

<https://daneshyari.com/en/article/6968017>

Download Persian Version:

<https://daneshyari.com/article/6968017>

[Daneshyari.com](https://daneshyari.com)