Accepted Manuscript

Title: Novel Z-scheme composite Ag₂CrO₄/NG/Polyimide as high performance nano catalyst for photoreduction of CO₂; Design, Fabrication, Characterization and mechanism

Authors: Liang Zhou, Hesam Kamyab, Aravindhan Surendar, Andino Maseleno, Aygul Z. Ibatova, Shreeshivadasan Chelliapan, Nima Karachi, Zohreh Parsaee

PII: \$1010-6030(18)30837-2

DOI: https://doi.org/10.1016/j.jphotochem.2018.09.006

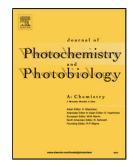
Reference: JPC 11471

To appear in: Journal of Photochemistry and Photobiology A: Chemistry

Received date: 13-6-2018 Revised date: 26-8-2018 Accepted date: 6-9-2018

Please cite this article as: Zhou L, Kamyab H, Surendar A, Maseleno A, Ibatova AZ, Chelliapan S, Karachi N, Parsaee Z, Novel Z-scheme composite Ag₂CrO₄/NG/Polyimide as high performance nano catalyst for photoreduction of CO₂; Design, Fabrication, Characterization and mechanism, *Journal of Photochemistry and amp; Photobiology, A: Chemistry* (2018), https://doi.org/10.1016/j.jphotochem.2018.09.006

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

Novel Z-scheme composite Ag₂CrO₄/NG/Polyimide as high performance nano catalyst for photoreduction of CO₂; Design, Fabrication, Characterization and mechanism

Liang Zhou a*, Hesam Kamyab b,c*, Aravindhan Surendar d, Andino Maseleno e, Aygul Z. Ibatova f, Shreeshivadasan Chelliapan g, Nima Karachi h, Zohreh Parsaee i*

^a School of Chemical Engineering, Guizhou Institute of Technology, Guiyang, 550003, China

^b Engineering department, Razak faculty of technology and Informatics, UniversitiTeknologi Malaysia Jln sultan Yahya Petra 56100 Kuala Lumpur

^e Department of Mechanical and Industrial Engineering, University of Illinois at Chicago, 845 West Taylor Street, Chicago, IL 60607, USA

^d School of Electronics, Vignan Foundation for Science, Technology and Research, Guntur, India

e Department of Information System, STMIK Pringsewu, Lampung, Indonesia

^fTyumen Industrial University, Tyumen, Russia

⁹ Engineering department, Razak faculty of technology and Informatics, Universiti Teknologi Malaysia Jln sultan Yahya Petra 56100 Kuala Lumpur

^h Department of Chemistry, Islamic Azad University, Marvdasht Branch, Marvdasht, Iran.

¹Young Researchers and Elite Club, Bushehr Branch, Islamic Azad University, Bushehr, Iran

Email address: cosa007cosa007@126.com,

hesam_kamyab@yahoo.com,

zohreh_parsaee@yahoo.com

Download English Version:

https://daneshyari.com/en/article/10224763

Download Persian Version:

https://daneshyari.com/article/10224763

<u>Daneshyari.com</u>