

Accepted Manuscript

Title: Co_3Se_4 nanosheets embedded on N-CNT as an efficient electroactive material for hydrogen evolution and supercapacitor applications

Authors: Ranjith Bose, Bebi Patil, Vasanth Rajendiran Jothi, Tae-Hyun Kim, Paulraj Arunkumar, Heejoon Ahn, Sung Chul Yi



PII: S1226-086X(18)30186-2
DOI: <https://doi.org/10.1016/j.jiec.2018.04.013>
Reference: JIEC 3954

To appear in:

Received date: 28-2-2018
Revised date: 6-4-2018
Accepted date: 8-4-2018

Please cite this article as: Ranjith Bose, Bebi Patil, Vasanth Rajendiran Jothi, Tae-Hyun Kim, Paulraj Arunkumar, Heejoon Ahn, Sung Chul Yi, Co_3Se_4 nanosheets embedded on N-CNT as an efficient electroactive material for hydrogen evolution and supercapacitor applications, Journal of Industrial and Engineering Chemistry <https://doi.org/10.1016/j.jiec.2018.04.013>

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.

Co₃Se₄ nanosheets embedded on N-CNT as an efficient electroactive material for hydrogen evolution and supercapacitor applications

Ranjith Bose,^{[a],†} Bebi Patil,^{[b],†} Vasanth Rajendiran Jothi,^[a] Tae-Hyun Kim,^[a] Paulraj Arunkumar,^[c] Heejoon Ahn,^[b,d,] and Sung Chul Yi ^[a,e,*]*

^[a] Department of Chemical Engineering, Hanyang University, 222 Wangsimni-ro, Seongdong-gu, Seoul 04763, Republic of Korea.

^[b] Institute of Nano Science and Technology, Hanyang University, 222 Wangsimni-ro, Seongdong-gu, Seoul 04763, Republic of Korea.

^[c] School of Materials Science and Engineering and Optoelectronics Convergence Research Center, Chonnam National University, 300 Yongbong-dong, Buk-gu, Gwangju 61186, Republic of Korea.

^[d] Department of Organic-Nano engineering, Hanyang university, 222 Wangsimni-ro, Seongdong-gu, Seoul 04763, Republic of Korea.

^[e] Department of Hydrogen and Fuel Cell Technology, Hanyang University, 222 Wangsimni-ro, Seongdong-gu, Seoul 04763, Republic of Korea.

Corresponding author : Sung Chul Yi & Heejoon Ahn

E-mail id : scyi@hanyang.ac.kr & ahn@hanyang.ac.kr

Download English Version:

<https://daneshyari.com/en/article/8946889>

Download Persian Version:

<https://daneshyari.com/article/8946889>

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