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## **Electronic Supplementary Informations**

#### Preparation of hollow porous Co-doped SnO<sub>2</sub> microcubes and their

### enhanced gas sensing property

Jiarui Huang<sup>1,\*</sup>, Liyou Wang<sup>1</sup>, Cuiping Gu<sup>1,\*</sup>, Muheng Zhai<sup>1</sup> and Jinhuai Liu<sup>2</sup>

<sup>1</sup>College of Chemistry and Materials Science, Anhui Key Laboratory of Functional

Molecular Solids, Anhui Normal University, Wuhu, 241000, P.R. China

<sup>2</sup> Research Center for Biomimetic Functional Materials and Sensing Devices, Institute of

Intelligent Machines, Chinese Academy of Sciences, Hefei 230031, P.R. China

Corresponding author. E-mail: jrhuang@mail.ahnu.edu.cn; cpgu2008@mail.ahnu.edu.cn; sunyufeng118@126.com.

Phone. +86-553-3869-303. Fax. +86-553-3869-303.

<sup>\*</sup> Corresponding author. E-mail: jrhuang@mail.ahnu.edu.cn (J.R. Huang); cpgu2008@mail.ahnu.edu.cn (C.P. Gu). Phone. +86-553-3869-303. Fax. +86-553-3869-303.

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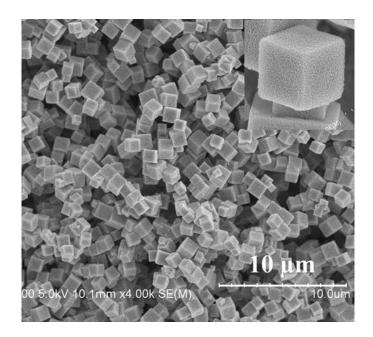
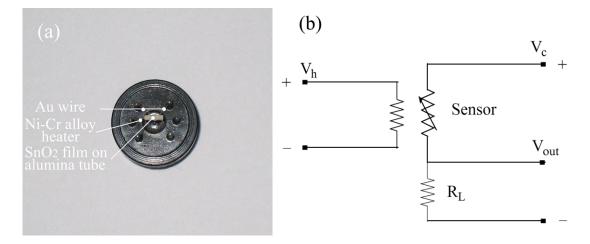


Figure S1. SEM image of the porous Co-doped SnO<sub>2</sub> microcubes.



**Figure S2.** Photograph of the sensor (a), and test principle of the gas sensing measurement system (b) ( $V_h$ : heating voltage;  $V_c$ : circuit voltage;  $V_{out}$ : signal voltage and  $R_L$ : load resistor).