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Supplementary Materials: α-MnO_2 Nanowires as Potential Scaffolds for a High-Performance Formaldehyde Gas Sensor Device

Ahmad Umar [1,2,*], Ahmed A. Ibrahim [1,2], Rajesh Kumar [3], Hassan Algadi [2,4], Hasan Albargi [2,5], Faheem Ahmad [6], Wen Zeng [7], and M. Shaheer Akhtar [8,*]

1 Department of Chemistry, Faculty of Science and Arts, Najran University, Najran 11001, Kingdom of Saudi Arabia; ahmedragal@yahoo.com
2 Promising Centre for Sensors and Electronic Devices (PCSED), Najran University, Najran 11001, Kingdom of Saudi Arabia; hassan.algadi@gmail.com (H.A.); albargih@yahoo.com (H.A.)
3 Department of Chemistry, Jagdish Chandra DAV College Dasuya, Punjab 144205, India; rk.ash2k7@gmail.com
4 Department of Electrical Engineering, Najran University, Najran 11001, Kingdom of Saudi Arabia
5 Department of Physics, Faculty of Science and Arts, Najran University, Najran 11001, Kingdom of Saudi Arabia
6 Department of Physics, College of Science, King Faisal University, Hofuf 31982, Kingdom of Saudi Arabia; faheem030@gmail.com
7 College of Materials Science and Engineering, Chongqing University, Chongqing 400044, China; wenzeng@cqu.edu.cn
8 New & Renewable Energy Material Development Center (NewREC), Jeonbuk National University, Jeonbuk 56332, Korea
* Correspondence: umahmad@nu.edu.sa or ahmadumar786@gmail.com (A.U.); shaheerakhtar@jbnu.ac.kr (M.S.A.)

Citation: Umar, A.; Ibrahim, A.A.; Kumar, R.; Algadi, H.; Albargi, H.; Ahmad, F.; Zeng, W.; Akhtar, M.S. α-MnO_2 Nanowires as Potential Scaffolds for a High-Performance Formaldehyde Gas Sensor Device. *Coatings* **2021**, *11*, 860. https://doi.org/10.3390/coatings11070860

Academic Editor: Alessandro Patelli

Received: 20 June 2021
Accepted: 12 July 2021
Published: 17 July 2021

Supporting Information

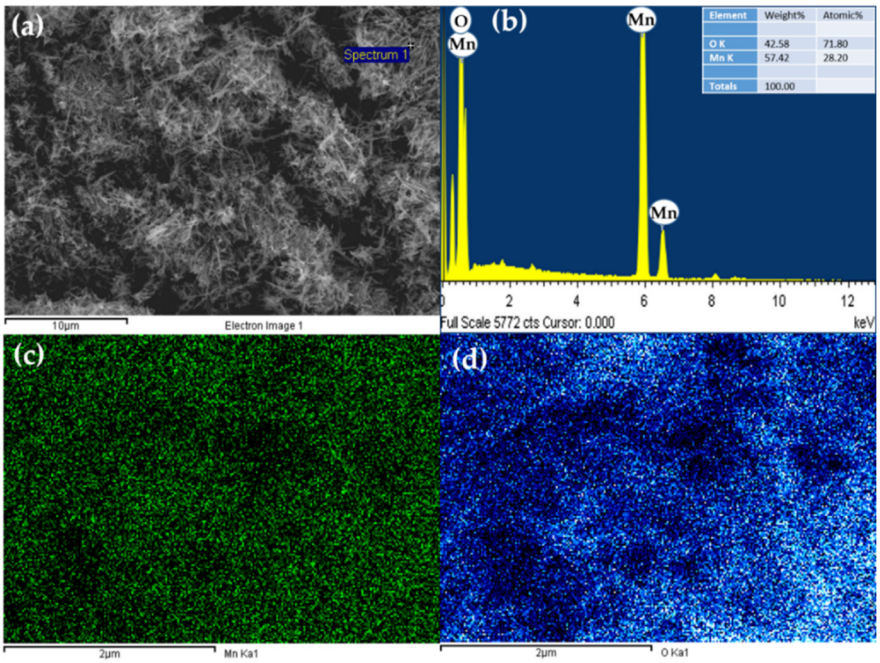

Figure S1. (**a**) Selected area electronic FESEM image, (**b**) EDS spectrum (Inset: Atomic and weight percentages of Mn and O in sample) and (**c,d**) Elemental mapping images for Mn and O, respectively for α-MnO_2 nanowires.

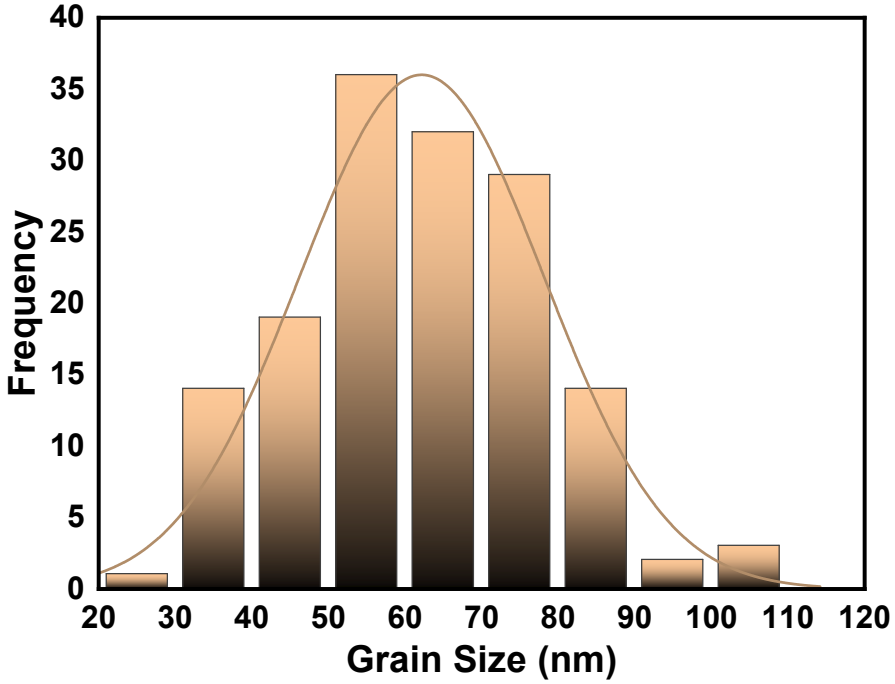

Figure S2. Diameter size distribution for the α-MnO_2 nanowires.

Table S1. Descriptive Statistics Data for measuring diameter of the α-MnO_2 nanowires.

N total	Mean	Standard Deviation	Sum	Minimum	Median	Maximum
150	62.19	15.99	9328.20	24.70	61.02	109.65