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Authors: Dong-Ha Kim, Ji-Soo Jang, Won-Tae Koo, Seon-Jin Choi, Sang-Joon Kim, Il-Doo Kim

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## ACCEPTED MANUSCRIPT

## Hierarchically Interconnected Porosity Control of Catalyst-loaded WO<sub>3</sub> Nanofiber Scaffold: Superior Acetone Sensing Layers for Exhaled Breath Analysis

Dong-Ha Kim, <sup>†</sup> Ji-Soo Jang, <sup>†</sup> Won-Tae Koo, <sup>†</sup> Seon-Jin Choi, <sup>†,§</sup> Sang-Joon Kim, <sup>†</sup> and Il-Doo Kim<sup>†,\*</sup>

<sup>†</sup> Department of Materials Science and Engineering, Korea Advanced Institute of Science and Technology (KAIST), 291 Daehak-ro, Yuseong-gu, Daejeon 305-701, Republic of Korea

<sup>§</sup> Applied Science Research Institute, Korea Advanced Institute of Science and Technology,
291 Daehak-ro, Yuseong-gu, Daejeon 305-701, Republic of Korea

\*E-mail: idkim@kaist.ac.kr

**KEYWORDS:** chemical sensors, apoferritin, polystyrene beads, multi-walled carbon nanotubes, hierarchical porosity, simulated acetone breath

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