

Accepted Manuscript

Title: Fabrication and characterization of highly sensitive and selective sensors based on porous NiO nanodisks

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PII: S0925-4005(17)32376-6
DOI: <https://doi.org/10.1016/j.snb.2017.12.050>
Reference: SNB 23738

To appear in: *Sensors and Actuators B*

Received date: 11-10-2017
Revised date: 6-12-2017
Accepted date: 9-12-2017

Please cite this article as: Qu Zhou, Ahmad Umar, El Mehdi Sodki, Aziz Amine, Lingna Xu, Yingang Gui, Ahmed A.Ibrahim, Rajesh Kumar, S.Baskoutas, Fabrication and characterization of highly sensitive and selective sensors based on porous NiO nanodisks, *Sensors and Actuators B: Chemical* <https://doi.org/10.1016/j.snb.2017.12.050>

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Fabrication and characterization of highly sensitive and selective sensors based on porous NiO nanodisks

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Highlights:

- Facile synthesis of highly porous NiO nanodisks
- Fabrication of highly sensitive and selective alcohol sensors
- At an optimized reaction condition, the fabricated sensor exhibited highest sensitivity
- Ultra-high sensitivity and selectivity of the fabricated sensors.

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