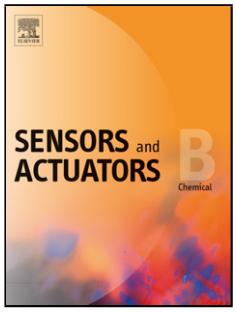

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PII: S0925-4005(17)31813-0
DOI: http://dx.doi.org/10.1016/j.snb.2017.09.147
Reference: SNB 23238

To appear in: *Sensors and Actuators B*

Received date: 1-6-2017
Revised date: 19-9-2017
Accepted date: 21-9-2017

Please cite this article as: Muhammad Umar, Kyungtaek Min, Sunghwan Kim, A physically transient and eco-friendly distributed feedback laser chemosensor for detecting acid vapor, Sensors and Actuators B: Chemicalhttp://dx.doi.org/10.1016/j.snb.2017.09.147

A physically transient and eco-friendly distributed feedback laser chemosensor for detecting acid vapor

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Highlight

- A chemosensor using physically transient DFB laser platform is prepared.
- The sensor is used to effectively detect HCl vapor with various concentrations.
- The sensor can be washed without pollution and reused by re-coating silk bio-ink.