Accepted Manuscript

Title: Flat thin mm-sized soil moisture sensor (MSMS) fabricated by gold compact discs etching for real-time *in situ* profiling

Authors: Zhiheng Xu, Wangchi Zhou, Hui Zhang, Min Shen, Yucheng Liu, Dingyi Cai, Yan Li, Yu Lei, Guiling Wang, Amvrossios C. Bagtzoglou, Baikun Li

PII: S0925-4005(17)30977-2

DOI: http://dx.doi.org/doi:10.1016/j.snb.2017.05.154

Reference: SNB 22438

To appear in: Sensors and Actuators B

Received date: 5-3-2017 Revised date: 21-5-2017 Accepted date: 25-5-2017

Please cite this article as: Zhiheng Xu, Wangchi Zhou, Hui Zhang, Min Shen, Yucheng Liu, Dingyi Cai, Yan Li, Yu Lei, Guiling Wang, Amvrossios C.Bagtzoglou, Baikun Li, Flat thin mm-sized soil moisture sensor (MSMS) fabricated by gold compact discs etching for real-time in situ profiling, Sensors and Actuators B: Chemicalhttp://dx.doi.org/10.1016/j.snb.2017.05.154

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



ACCEPTED MANUSCRIPT

Flat thin mm-sized soil moisture sensor (MSMS) fabricated by gold compact discs etching for real-time *in situ* profiling

Zhiheng Xu¹, Wangchi Zhou¹, Hui Zhang¹, Min Shen², Yucheng Liu³, Dingyi Cai¹, Yan Li¹, Yu Lei⁴, Guiling Wang¹, Amvrossios C. Bagtzoglou¹, Baikun Li^{1*}

¹ Department of Civil & Environmental Engineering, University of Connecticut, Storrs, Connecticut 06269, United States

² Department of Chemistry, University of Connecticut, Storrs, Connecticut 06269, United States

³ College of Chemistry and Chemical Engineering, Southwest Petroleum University, China

⁴ Department of Chemical & Biomolecular Engineering, University of Connecticut, Storrs, Connecticut 06269, United States

(*corresponding author: baikun.li@uconn.edu; Phone: 860-486-2339)

Download English Version:

https://daneshyari.com/en/article/7141748

Download Persian Version:

https://daneshyari.com/article/7141748

<u>Daneshyari.com</u>