Accepted Manuscript

Title: Simultaneous Color Sensing of O_2 and pH using a

Smartphone

Author: Wei Xu Sisi Lu Yiying Chen Tingting Zhao Yaqi

Jiang Yiru Wang Xi Chen

PII: S0925-4005(15)00707-8

DOI: http://dx.doi.org/doi:10.1016/j.snb.2015.05.088

Reference: SNB 18529

To appear in: Sensors and Actuators B

Received date: 27-1-2015 Revised date: 4-5-2015 Accepted date: 9-5-2015

Please cite this article as: W. Xu, S. Lu, Y. Chen, T.Z. </sup>, Yaqi Jiang, Y. Wang, X. Chen, Simultaneous Color Sensing of O₂ and pH using a Smartphone, *Sensors and Actuators B: Chemical* (2015), http://dx.doi.org/10.1016/j.snb.2015.05.088

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

- 1 1. Simultaneous color sensing of pH and oxygen by using a smartphone
- 2 2. We fabricated a chitosan based pH and O_2 dual sensor.
- 3 3. Characteristic, response time and stability are evaluated.

4

5

Download English Version:

https://daneshyari.com/en/article/7145600

Download Persian Version:

https://daneshyari.com/article/7145600

<u>Daneshyari.com</u>