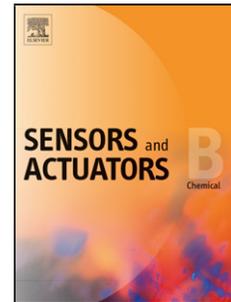


Accepted Manuscript

Title: Smart Forensic Phone: Colorimetric analysis of a bloodstain for age estimation using a smartphone

Author: Joonchul Shin Seoyeon Choi Jung-Sik Yang Jaewoo Song Jong-Soon Choi Hyo-II Jung



PII: S0925-4005(16)31940-2
DOI: <http://dx.doi.org/doi:10.1016/j.snb.2016.11.142>
Reference: SNB 21352

To appear in: *Sensors and Actuators B*

Received date: 24-8-2016
Revised date: 23-11-2016
Accepted date: 25-11-2016

Please cite this article as: Joonchul Shin, Seoyeon Choi, Jung-Sik Yang, Jaewoo Song, Jong-Soon Choi, Hyo-II Jung, Smart Forensic Phone: Colorimetric analysis of a bloodstain for age estimation using a smartphone, *Sensors and Actuators B: Chemical* <http://dx.doi.org/10.1016/j.snb.2016.11.142>

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.

Smart Forensic Phone: Colorimetric analysis of a bloodstain for age estimation using a smartphone

Joonchul Shin^a, Seoyeon Choi^b, Jung-Sik Yang^a, Jaewoo Song^c, Jong-Soon Choi^{d,e}, and Hyo-Il Jung^{a,b*}*

^a School of Mechanical Engineering, Yonsei University, 262 Seongsan-no Seodaemun-gu, Seoul, 120-749, Republic of Korea

^b National Core Research Center for Nanomedical Technology, Yonsei University, 262 Seongsan-no Seodaemun-gu, Seoul, 120-749, Republic of Korea

^c Department of Laboratory Medicine, Yonsei University College of Medicine, Severance Children's Hospital, 262 Seongsan-no Seodaemun-gu, Seoul, 120-749, Republic of Korea

^d Biological Disaster Analysis Group, Korea Basic Science Institute, Daejeon 34133, Republic of Korea

^e Graduate School of Science and Technology, Chungnam National University, Daejeon 34134, Republic of Korea

* Address correspondence to:

E-mail address: jschoi@kbsi.re.kr, uridle7@yonsei.ac.kr

Telephone number: +82-(0)2-2123-5814

Fax number: +82-(0)2-312-2159

Download English Version:

<https://daneshyari.com/en/article/5009470>

Download Persian Version:

<https://daneshyari.com/article/5009470>

[Daneshyari.com](https://daneshyari.com)