

Accepted Manuscript

Title: Influences of multi-walled carbon nanotube (MCNT) fraction, moisture, stress/strain level on the electrical properties of MCNT cement-based composites

Authors: Jianlin Luo, Chunwei Zhang, Zhongdong Duan, Baolin Wang, Qiuyi Li, Kwok L. Chung, Jigang Zhang, Shuaichao Chen



PII: S0924-4247(18)30836-7
DOI: <https://doi.org/10.1016/j.sna.2018.08.010>
Reference: SNA 10934

To appear in: *Sensors and Actuators A*

Received date: 17-5-2018
Revised date: 6-7-2018
Accepted date: 9-8-2018

Please cite this article as: Luo J, Zhang C, Duan Z, Wang B, Li Q, Chung KL, Zhang J, Chen S, <Style-Error value=Correct List Style.>Influences of multi-walled carbon nanotube (MCNT) fraction, moisture, stress/strain level on the electrical properties of MCNT cement-based composites, *Sensors and amp; Actuators: A. Physical* (2018), <https://doi.org/10.1016/j.sna.2018.08.010>

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.

**Influences of multi-walled carbon nanotube (MCNT) fraction,
moisture, stress/strain level on the electrical properties of MCNT
cement-based composites**

Jianlin Luo^{a,b,c,*}, Chunwei Zhang^{a,b*}, Zhongdong Duan^d, Baolin Wang^{c,d}, Qiuyi

Li^{a,b,e}, KwokL. Chung^{a,b}, Jigang Zhang^{a,b}, Shuaichao Chen^a

^a School of Civil Engineering, ^b Collaborative Innovation Center of Engineering Construction and Safety in Shandong Blue Economic Zone, Qingdao University of Technology, Qingdao, China;

^c Center for Infrastructure Engineering, Western Sydney University, Sydney, Australia;

^d School of Civil and Environment Engineering, Harbin Institute of Technology (Shenzhen), Shenzhen, China;

^e School of Architecture Engineering, Qingdao Agricultural University, Qingdao, China

*Corresponding authors: Chunwei Zhang & Jianlin Luo, School of Civil Engineering, Qingdao University of Technology, Qingdao, 266033, China. E-mails: zhangchunwei@qut.edu.cn; lawjanelim@qut.edu.cn.

Graphical abstract

Download English Version:

<https://daneshyari.com/en/article/9952756>

Download Persian Version:

<https://daneshyari.com/article/9952756>

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