Accepted Manuscript

Full Length Article

Plasma functionalization of powdery nanomaterials using porous filter electrode and sample circulation

Deuk Yeon Lee, Jae Hong Choi, Jung Chul Shin, Man Ki Jung, Seok Kyun Song, Jung Ki Suh, Chang Young Lee

PII: S0169-4332(18)30549-X

DOI: https://doi.org/10.1016/j.apsusc.2018.02.194

Reference: APSUSC 38652

To appear in: Applied Surface Science

Received Date: 29 October 2017 Revised Date: 18 February 2018 Accepted Date: 19 February 2018



Please cite this article as: D. Yeon Lee, J. Hong Choi, J. Chul Shin, M. Ki Jung, S. Kyun Song, J. Ki Suh, C. Young Lee, Plasma functionalization of powdery nanomaterials using porous filter electrode and sample circulation, *Applied Surface Science* (2018), doi: https://doi.org/10.1016/j.apsusc.2018.02.194

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

Plasma functionalization of powdery nanomaterials using porous filter electrode and sample circulation

Deuk Yeon Lee,^{a,†,*} Jae Hong Choi,^{b,†} Jung Chul Shin,^c Man Ki Jung,^c Seok Kyun Song,^c Jung Ki Suh,^{a,d} and Chang Young Lee^{a,*}

^aSchool of Energy and Chemical Engineering, Ulsan National Institute of Science and Technology (UNIST), Ulsan 44919, Republic of Korea

^bSchool of Life Sciences, Ulsan National Institute of Science and Technology (UNIST), Ulsan 44919, Republic of Korea.

^ePlasma Application Division, Cheolwon Plasma Research Institute, Gangwon-do 24047, Republic of Korea

^dCenter for Inorganic Analysis, Division of Metrology for Quality of Life, Korea Research Institute of Standards and Science (KRISS), Daejeon 34113, Republic of Korea

[†]These authors contributed equally to this work.

*Corresponding Authors

E-mail addresses: diamondm@unist.ac.kr (D.Y.Lee), cylee@unist.ac.kr (C.Y.Lee)

Download English Version:

https://daneshyari.com/en/article/7834708

Download Persian Version:

https://daneshyari.com/article/7834708

<u>Daneshyari.com</u>