

Accepted Manuscript

Title: One-pot Route for Uniform Anchoring of TiO₂ Nanoparticles on Reduced Graphene Oxides and Their Anode Performance for Lithium-ion Batteries

Authors: Dohyeon Yoon, Jieun Hwang, Dong Hyun Kim, Wonyoung Chang, Kyung Yoon Chung, Jaehoon Kim



PII: S0896-8446(16)30323-0
DOI: <http://dx.doi.org/doi:10.1016/j.supflu.2017.02.005>
Reference: SUPFLU 3849

To appear in: *J. of Supercritical Fluids*

Received date: 20-9-2016
Revised date: 6-2-2017
Accepted date: 6-2-2017

Please cite this article as: Dohyeon Yoon, Jieun Hwang, Dong Hyun Kim, Wonyoung Chang, Kyung Yoon Chung, Jaehoon Kim, One-pot Route for Uniform Anchoring of TiO₂ Nanoparticles on Reduced Graphene Oxides and Their Anode Performance for Lithium-ion Batteries, The Journal of Supercritical Fluids <http://dx.doi.org/10.1016/j.supflu.2017.02.005>

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.

One-pot Route for Uniform Anchoring of TiO₂ Nanoparticles on Reduced Graphene Oxides and Their Anode Performance for Lithium-ion Batteries

Dohyeon Yoon,^a Jieun Hwang,^a Dong Hyun Kim,^b Wonyoung Chang,^b Kyung Yoon Chung,^b Jaehoon Kim^{a,c}*

^a School of Mechanical Engineering, Sungkyunkwan University, 2066, Seobu-Ro, Jangan-Gu, Suwon, Gyeong Gi-Do 16419, Republic of Korea

^b Center for Energy Convergence, Korea Institute of Science and Technology, Hwarangno 14-gil 5, Seongbuk-gu, Seoul 02792, Republic of Korea

^c SKKU Advanced Institute of Nano Technology (SAINT), Sungkyunkwan University, 2066, Seobu-Ro, Jangan-Gu, Suwon, Gyeong Gi-Do 16419, Republic of Korea

***Corresponding author** [Tel : + 82-31-299-4843, Fax : + 82-31-290-5889, E-mail: jaehoonkim@skku.edu (J. Kim)]

Download English Version:

<https://daneshyari.com/en/article/4909774>

Download Persian Version:

<https://daneshyari.com/article/4909774>

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