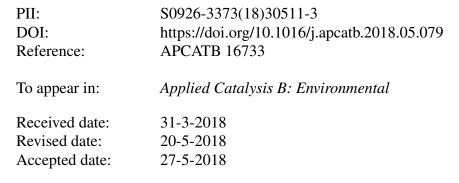
Accepted Manuscript

Title: In-situ Electrosynthesis of Hydrogen Peroxide and Wastewater Treatment Application: A Novel Strategy for Graphite Felt Activation

Authors: Zhangweihao Pan, Kun Wang, Yi Wang, Panagiotis Tsiakaras, Shuqin Song



Please cite this article as: Pan Z, Wang K, Wang Y, Tsiakaras P, Song S, In-situ Electrosynthesis of Hydrogen Peroxide and Wastewater Treatment Application: A Novel Strategy for Graphite Felt Activation, *Applied Catalysis B: Environmental* (2018), https://doi.org/10.1016/j.apcatb.2018.05.079

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

In-situ Electrosynthesis of Hydrogen Peroxide and Wastewater Treatment Application: A Novel Strategy for Graphite Felt Activation

Zhangweihao Pan^a, Kun Wang^a, Yi Wang^{b*}, Panagiotis Tsiakaras^{c,d,e*}, Shuqin Song^a

^a The Key Lab of Low-carbon Chemistry & Energy Conservation of Guangdong Province,

School of Materials Science and Engineering, Sun Yat-sen University, Guangzhou 510275, P.R. China.

^b School of Chemical Engineering and Technology, Sun Yat-sen University, Zhuhai 519082, P.R. China.

^cLaboratory of Electrochemical Devices based on Solid Oxide Proton Electrolytes,

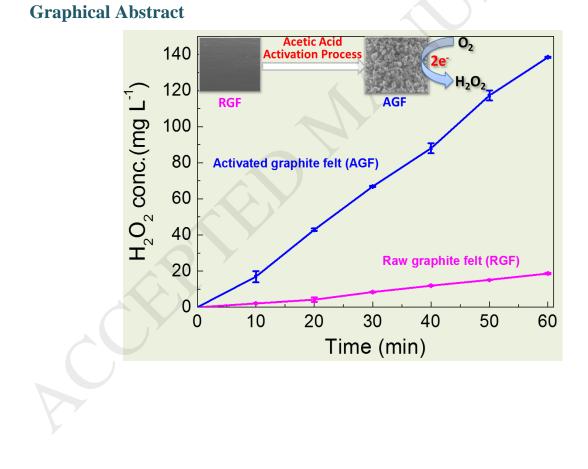
Institute of High Temperature Electrochemistry (RAS), Yekaterinburg 620990, Russia.

^dLaboratory of materials and devices for electrochemical power industry,

Ural Federal University, 19 Mira Str., Yekaterinburg 620002, Russia.

^eLaboratory of Alternative Energy Conversion Systems, Department of Mechanical Engineering,

School of Engineering, University of Thessaly, Pedion Areos, Volos383 34, Greece.



^{*}Corresponding authors: <u>wangyi76@mail.sysu.edu.cn</u> (Y. Wang), Tel: 86-20-84110930, Fax: 86-20-84110927; <u>tsiak@uth.gr</u> (P. Tsiakaras), Tel: 30-24210-74065, Fax: 30-24210-74050.

Download English Version:

https://daneshyari.com/en/article/6498136

Download Persian Version:

https://daneshyari.com/article/6498136

Daneshyari.com