

Accepted Manuscript

Combining Active Phase and Support Optimization in MnO₂-Au nanoflowers:
Enabling High Activities Towards Green Oxidations

Anderson G.M. da Silva, Thenner S. Rodrigues, Eduardo G. Candido, Isabel C. de Freitas, Alisson H.M. da Silva, Humberto V. Fajardo, Rosana Balzer, Janaina F. Gomes, Jose M. Assaf, Daniela C. de Oliveira, Nicolas Oger, Sebastien Paul, Robert Wojcieszak, Pedro H.C. Camargo

PII: S0021-9797(18)30737-9
DOI: <https://doi.org/10.1016/j.jcis.2018.06.089>
Reference: YJCIS 23780

To appear in: *Journal of Colloid and Interface Science*

Received Date: 2 February 2018
Revised Date: 26 June 2018
Accepted Date: 27 June 2018

Please cite this article as: A.G.M. da Silva, T.S. Rodrigues, E.G. Candido, I.C. de Freitas, A.H.M. da Silva, H.V. Fajardo, R. Balzer, J.F. Gomes, J.M. Assaf, D.C. de Oliveira, N. Oger, S. Paul, R. Wojcieszak, P.H.C. Camargo, Combining Active Phase and Support Optimization in MnO₂-Au nanoflowers: Enabling High Activities Towards Green Oxidations, *Journal of Colloid and Interface Science* (2018), doi: <https://doi.org/10.1016/j.jcis.2018.06.089>

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.



**Combining Active Phase and Support Optimization in MnO₂-Au nanoflowers:
Enabling High Activities Towards Green Oxidations**

Anderson G. M. da Silva,¹ Thenner S. Rodrigues,¹ Eduardo G. Candido,¹ Isabel C. de Freitas,¹
Alisson H. M. da Silva,² Humberto V. Fajardo³, Rosana Balzer⁴, Janaina F. Gomes,² Jose M. Assaf,²
Daniela C. de Oliveira,⁵ Nicolas Oger⁶, Sebastien Paul⁶, Robert Wojcieszak,⁶
and Pedro H. C. Camargo^{1*}

¹*Departamento de Química Fundamental, Instituto de Química, Universidade de São Paulo, Av.
Prof. Lineu Prestes, 748, 05508-000, São Paulo-SP, Brazil*

²*Departamento de Engenharia Química, Universidade Federal de São Carlos, 13565-905, São
Carlos, SP, Brasil.*

³*Departamento de Química, Universidade Federal de Ouro Preto, 35400-000, Ouro Preto, Brasil.*

⁴*Departamento de Química, Universidade Federal de Santa Catarina, 88040-900, Florianópolis,
SC, Brasil.*

⁵*Centro Nacional de Pesquisa em Energia e Materiais, Laboratório Nacional de Luz Síncrotron,
13083-970, Campinas, SP, Brasil*

⁶*Univ. Lille, CNRS, Centrale Lille, ENSCL, Univ. Artois, UMR 8181 - UCCS - Unité de Catalyse et
Chimie du Solide, F-59000 Lille, France*

**Corresponding author: E-mail: camargo@iq.usp.br*

Download English Version:

<https://daneshyari.com/en/article/6989545>

Download Persian Version:

<https://daneshyari.com/article/6989545>

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