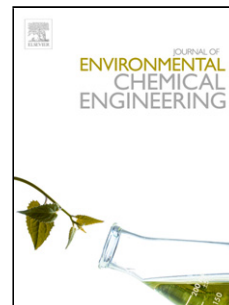


Accepted Manuscript

Title: Tailoring the efficiency of an active catalyst for CO abatement through oxidation reaction: the case study of Samarium-doped Ceria

Authors: K. Polychronopoulou, Abdallah F. Zedan, M. AlKetbi, S. Stephen, M. Ather, M.S. Katsiotis, J. Arvanitidis, D. Christofilos, A.F. Isakovic, Saeed AlHassan



PII: S2213-3437(17)30640-1
DOI: <https://doi.org/10.1016/j.jece.2017.12.001>
Reference: JECE 2048

To appear in:

Received date: 31-8-2017
Revised date: 29-11-2017
Accepted date: 1-12-2017

Please cite this article as: K.Polychronopoulou, Abdallah F.Zedan, M.AlKetbi, S.Stephen, M.Ather, M.S.Katsiotis, J.Arvanitidis, D.Christofilos, A.F.Isakovic, Saeed AlHassan, Tailoring the efficiency of an active catalyst for CO abatement through oxidation reaction: the case study of Samarium-doped Ceria, Journal of Environmental Chemical Engineering <https://doi.org/10.1016/j.jece.2017.12.001>

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.

Tailoring the efficiency of an active catalyst for CO abatement through oxidation reaction: the case study of Samarium-doped Ceria

K. Polychronopoulou^{1,*}, Abdallah. F. Zedan^{2,3}, M. AlKetbi¹, S. Stephen⁴, M. Ather¹, M.S. Katsiotis⁵, J. Arvanitidis⁶, D. Christofilos⁷, A. F. Isakovic⁸, Saeed AlHassan⁵

¹ Department of Mechanical Engineering, Khalifa University of Science, and Technology, Main Campus, Abu Dhabi, P.O. Box 127788, UAE

² Department of Chemistry and Earth Sciences, College of Arts and Science, Qatar University, Doha 2713, Qatar

³ National Institute of Laser Enhanced Science, Cairo University, Giza 12613, Egypt

⁴ Department of Chemistry, Khalifa University of Science and Technology, Sas Al Nakhl Campus, P.O. Box 2533, Abu Dhabi, United Arab Emirates

⁵ Department of Chemical Engineering, Khalifa University of Science and Technology, Sas Al Nakhl Campus, P.O. Box 2533, Abu Dhabi, United Arab Emirates

⁶ Physics Department, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

⁷ Chemical Engineering Department, Aristotle University of Thessaloniki, 54124 Thessaloniki, Greece

⁸ Department of Physics, Khalifa University of Science, and Technology, Abu Dhabi, P.O. Box 127788, UAE

Corresponding author: kyriaki.polychrono@kustar.ac.ae

Download English Version:

<https://daneshyari.com/en/article/6664084>

Download Persian Version:

<https://daneshyari.com/article/6664084>

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