

# Accepted Manuscript

Calcination temperature dependent structural modifications, tailored morphology and luminescence properties of MoO<sub>3</sub> nanostructures prepared by sonochemical method

H.S. Yogananda, H. Nagabhushana, Ramachandra Naik, S.C. Prashantha

PII: S2468-2179(17)30167-3

DOI: [10.1016/j.jsamd.2017.11.001](https://doi.org/10.1016/j.jsamd.2017.11.001)

Reference: JSAMD 130

To appear in: *Journal of Science: Advanced Materials and Devices*

Received Date: 11 September 2017

Revised Date: 1 November 2017

Accepted Date: 2 November 2017

Please cite this article as: H.S. Yogananda, H. Nagabhushana, R. Naik, S.C. Prashantha, Calcination temperature dependent structural modifications, tailored morphology and luminescence properties of MoO<sub>3</sub> nanostructures prepared by sonochemical method, *Journal of Science: Advanced Materials and Devices* (2017), doi: 10.1016/j.jsamd.2017.11.001.

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.



Calcination temperature dependent structural modifications, tailored morphology and luminescence properties of MoO<sub>3</sub> nanostructures prepared by sonochemical method

H.S. Yogananda<sup>1,2</sup>, H. Nagabhushana<sup>2,3\*</sup>, Ramachandra Naik<sup>4</sup>, S.C. Prashantha<sup>5</sup>

<sup>1</sup>Department of Physics, Sai Vidya Institute of Technology, VTU, Bengaluru-560 064, India

<sup>2</sup>Research and Development Center, Bharathiar University, Coimbatore-641046, India

<sup>3</sup>Prof. C.N.R. Rao Centre for Advanced Materials, Tumkur University, Tumkur-572 103, India

<sup>4</sup>Department of Physics, New Horizon College of Engineering, Bengaluru-560103, India.

<sup>5</sup>Research center, Department of Science, East West Institute of Technology, VTU, Bengaluru-560091, India

Download English Version:

<https://daneshyari.com/en/article/7904275>

Download Persian Version:

<https://daneshyari.com/article/7904275>

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