

Energy and Sustainability

MRS Advances Volume 7, Issue 28

Held Various Dates and Locations

ISBN: 978-1-7138-6694-7

Printed from e-media with permission by:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571



Some format issues inherent in the e-media version may also appear in this print version.

Copyright© (2022) by Springer Nature
All rights reserved.

Printed with permission by Curran Associates, Inc. (2023)

For permission requests, please contact Springer Nature
at the address below.

Springer Nature
The Campus 4 Crinan St.
London N1 9XW
United Kingdom

www.springernature.com

Additional copies of this publication are available from:

Curran Associates, Inc.
57 Morehouse Lane
Red Hook, NY 12571 USA
Phone: 845-758-0400
Fax: 845-758-2633
Email: curran@proceedings.com
Web: www.proceedings.com

TABLE OF CONTENTS

Determination of Thermal and Mechanical Properties of SU-8 Using Electrothermal Actuators	591
<i>Mohee Datta Gupta, Rishabh B. Mishra, Aftab M. Hussain</i>	
V1-xWxO2 Thermo-chromic Films for Device Applications.....	596
<i>G. Naziripour, J. Zhao, A. Sarangan</i>	
Plasmonic Nanocavity Enhanced Luminescence for In-Plane and Out-Of-Plane Excitons in BA2PbI4 Ruddlesden Popper Perovskite Thin Film	601
<i>Yashika Gupta, Anuj K. Singh, Anshuman Kumar</i>	
Exploiting Bi-Modulated Magnetic Field and Drive Current Modulation to Achieve High- Sensitivity Hall Measurements on Thermoelectric Samples	608
<i>G. Paráda, F. Korsós, M. Togay</i>	
The Addition of Nigerian Kankara Kaolin Improves the Ash Properties of Empty Fruit Bunches During Combustion	614
<i>David O. Obada, Mkpè O. Kekung, Fatai O. Anafi</i>	
Hydric Behavior of Adobes Stabilized with Quicklime, Cement and Date Palm Fibers	619
<i>Lamia Guettafi, Abdelmadjid Hamouine, Khedidja Himouri</i>	
Comparing the Properties of Nigeria Coir Fibre and Those of Some Other Countries for Composites Applications	625
<i>Chioma Ifeyinwa Madueke, Reginald Umunakwe, Oguejiofor Miracle Mbah</i>	

Author Index