

World Symposium on Smart Materials and Applications (WSSMA 2020)

IOP Conference Series: Materials Science and Engineering
Volume 958

Harbin, China
17 - 19 July 2020

ISBN: 978-1-7138-3171-6
ISSN: 1757-8981

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.

This work is licensed under a Creative Commons Attribution 3.0 International Licence.
Licence details: <http://creativecommons.org/licenses/by/3.0/>.

No changes have been made to the content of these proceedings. There may be changes to pagination and minor adjustments for aesthetics.

Printed with permission by Curran Associates, Inc. (2021)

For permission requests, please contact the Institute of Physics
at the address below.

Institute of Physics
Dirac House, Temple Back
Bristol BS1 6BE UK

Phone: 44 1 17 929 7481
Fax: 44 1 17 920 0979

techtracking@iop.org

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

ANALYSIS OF THE STEEL STRUCTURAL RELIABILITY UNDER THE BIG DATA.....	1
<i>Fang Yongfeng, Wang Li, TEE Kong Fah</i>	
SYNTHESIS AND CHARACTERIZATION OF PROPERTIES OF ZINC COATED THAUMATOCOCCUS DANIELLII EXTRACTS FOR SOLID STATE APPLICATION	6
<i>M.E. Emetere, M. Ahiara Ikechukwu</i>	
SOLID STATE DEVICE FROM PLANT EXTRACTS	12
<i>M.E. Emetere, C. Chijuo, S.A. Afolalu</i>	
EFFECTS OF THERMAL DIFFUSIVITY ANALYSIS AFTER IRRADIATION	18
<i>Ahli K. D. Willie, Hongtao Zhao, Teplinskaya Svetlana</i>	
LEARNABILITY FACTORS FOR INVESTIGATING THE EFFECTIVENESS OF AUGMENTED REALITY SMART GLASSES IN SMART CAMPUS	24
<i>Sayera Hafsa, Mazlina Abdul Majid</i>	
APPLICATION OF SMART MATERIALS IN CIVIL ENGINEERING AND ARCHITECTURE	29
<i>SZOŁOMICKI Jerzy</i>	
APPLICATION OF DATE PALM ASH TO IMPROVE STRENGTH CHARACTERISTICS OF SABKHA SOIL	35
<i>Zaheer Abbas Kazmi</i>	
MECHANOCHEMICAL PRODUCTION OF UREA-CITRIC ACID COPOLYMER	40
<i>Eval O. Miranda Jr., Victor H. R. Silva, Mirtânia A. Leão, Elaine C. M. Cabral-Albuquerque, Silvio Cunha, Rosana L. Fialho</i>	
EVALUATION OF THE ENERGY DRIVING PERFORMANCE OF A COOLING SYSTEM ASSEMBLED WITH A PELTIER MODULE OPERATED IN HOT CLIMATES AT DIFFERENT ELECTRICAL CURRENTS	45
<i>David J. Jimenez-Rodriguez, Carlos A. Sanchez-Ramos, Diana Palma-Ramirez, Juan Carlos Paredes-Rojas, Abelardo I. Flores-Vela, Facundo J. Marquez-Rocha</i>	

Author Index