August 2019 | Volume: 10 | ISSN: 2157-7617
Journal of Earth Science & Climatic Change

Proceedings of

23rd International Conference on

Advanced Materials & Nanotechnology

August 19-20, 2019 Tokyo, Japan

CONFERENCE SERIES LLC LTD
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Day 1 August 19, 2019

08:00-08:30 Registrations — Conference Hall

conferenceseries.com **08:30-09:00 Opening Ceremony**

09:00-09:05 Introduction

Keynote

09:05-10:05

Title: Sustained drug release scaffolds as bone implants

Amany A Mostafa, National Research Centre, Egypt

Group Photo

Networking and Refreshments Break: 10:05-11:15

11:15-11:45

Title: Tunable Fluorescence Anisotropy Of Lead Halide Perovskite Nanorods By Anion Exchange

Tetiana Dudka, Shanghai University, China

Session: Advanced Materials and Functional Devices | Engineering Materials | Composite Materials | Magnetism & Multiferroism |Optical Materials and Plasmonics | Energy and Harvesting Materials | Nanotechnology-Basics to Applications | Nano Materials | Nano Structures | Properties of Nano Materials | Carbon Nanostructures and Graphene |Spintronics | Nanoparticle Synthesis and Applications

Session Introduction

Session Chair: Tsu-Hsun Hou, National Sun Yat-Sen University, Taiwan

Session Co-Chair: Kai-Chi Chang, National Sun Yat-sen University, Taiwan

12:15-12:45

Title: The unit cell prediction of two-dimensional supramolecule by STUN-BH-DMD method and molecular dynamics simulation

Tsu-Hsun Hou, National Sun Yat-Sen University, Taiwan

Lunch Break: 12:45-13:45 @ Restaurant

13:45-14:10

Title: Prediction of mechanical, thermodynamic and chemical properties of Al-Nb-Ta-Ti-Zr-Mo high-entropy alloys by simulation process

Kai-Chi Chang, National Sun Yat-sen University, Taiwan

14:40-15:20

Title: Predicting the most stable EpB/target molecule complex by stochastic tunneling-basin hopping-discrete molecular dynamics method

Yu Sheng Lin, National Sun Yat-Sen University, Taiwan

Networking and Refreshments Break: 15:20-15:40

15:40-16:10

Title: Fluorescent Carbon Dots Based Ratiometric Ph Sensor For Direct Detection Of Escherichia Coli O157: H7

Qiaoli Yang, Huazhong University of Science and Technology, China

Poster Presentations @ 16:10-16:40

AM-001

Title:Structural investigation of Si nanoparticles-carbon nanofiber composite as flexible anode for high-rate lithium-ion batteries

Vahide Ghanooni Ahmadabadi, Ferdowsi University of Mashhad, Iran

AM-002

Title:Impact of Grain size on Failure of AZ31 magnesium alloy

Seyed Hadi Mohamadi Azghandi, University of Mashhad, Iran

Awards and Closing Ceremony

Panel Discussions

Day 2 August 20, 2019

Lunch Break: 12:00-13:00 @ Restaurant