

Journal Editorial Board

ISSN Print: 2327-6045 ISSN Online: 2327-6053

http://www.scirp.org/journal/msce

.....

Editor-in-Chief

Prof. Jiyu Fang University of Central Florida, USA

Editorial Board

Prof. Mohammad Abdel-KarimFayoum University, EgyptProf. Brioude ArnaudUniversity of Lyon, FranceProf. Gajanan S. BhatUniversity of Tennessee, USA

Dr. Quan Can

National Institue of Metrology, China

Dr. Zeki CandanIstanbul University, TurkeyProf. Paul R. CarneyUniversity of Florida, USA

Dr. Kok Boon Chong University Malaysia of Computer Science & Engineering, Malaysia

Dr. Mohamed Abdel Moneim Deyab Egyptian Petroleum Research Institute, Egypt

Dr. Tara P. Dhakal Center for Autonomous Solar Power (CASP Center), USA

Prof. Anter El-Azab Purdue University, USA

Dr. Reza GhomashchiUniversity of Adelaide, AustraliaDr. Hazar GuesmiInstitute of Charles Gerhardt, FranceProf. Yongsheng HanChinese Academy of Sciences, ChinaDr. Anwarul HasanAmerican University of Beirut, Lebanon

Prof. Weidong He University of Electronic Science and Technology of China, China

Prof. Alireza Heidari California South University (CSU), USA

Dr. Flavio HorowitzJames Madison University, USADr. Raja Rizwan HussainKing Saud University, Saudi Arabia

Prof. Tifeng Jiao Yanshan University, China

Dr. Antonios KelarakisUniversity of Central Lancashire, UKDr. Shafique KhanKing Fahd University, Saudi ArabiaDr. Anson W. K. MaUniversity of Connecticut, USA

Prof. Martin Alberto Masuelli National University of San Luis, Argentina

Dr. Luisa Molari University of Bologna, Italy

Dr. Andro H. MondalaWestern Michigan University, USAProf. Badie I. MorsiUniversity of Pittsburgh, USA

Dr. Ravin Natain University of Alberta Edmonton, Canada

Prof. Zeeshan Nawaz SABIC Technology & Innovation Center, Saudi Arabia

Prof. Dimitrios A. PapaconstantopoulosGeorge Mason University, USAProf. Guo QiangShanghai Jiao Tong University, China

Dr. Andrew Rusinko Óbuda University, Hungary

Dr. Marisa Di SabatinoNorwegian University of Science and Technology, NorwayProf. Manoj Kumar SinghCSIR-Central Institute of Mining & Fuel Research, IndiaDr. Hua SongDepartment of Chemical and Petroleum Engineering, Canada

Dr. Jiri Tochacek Brno University of Technology, Czech Republic

Prof. Zhirui WangUniversity of Toronto, CanadaProf. Shuilin WuHubei University, China



ISSN Online: 2327-6053 ISSN Print: 2327-6045

Table of Contents

Volume 7	Number 7	July 2019
	eteronanostructures Prepared b and Perspectives	by Electrospinning for the Humidity Detection:
V. N. S. Leão, l	E. S. Araújo	43
	num Alloy (LM-13) Reinforced	gth and Hardness) and Wear Behavior of with Titanium Carbide (TiC)
J. Hemanth, K	. Arasukumar	55
Enhancement i	in Thermal Stability of Polyoxy	methylene (POM)-Based Biopolymer Blend
I Boonlertsam	ut S Thumsorn T Umemura H H	Jamada A Sakuma 67

Journal of Materials Science and Chemical Engineering (MSCE) Journal Information

SUBSCRIPTIONS

The *Journal of Material Science and Chemical Engineering* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$39 per issue.

To subscribe, please contact Journals Subscriptions Department, E-mail: sub@scirp.org

SERVICES

Advertisements

Advertisement Sales Department, E-mail: service@scirp.org

Reprints (minimum quantity 100 copies)

Reprints Co-ordinator, Scientific Research Publishing, Inc., USA.

E-mail: sub@scirp.org

COPYRIGHT

Copyright and reuse rights for the front matter of the journal:

Copyright © 2019 by Scientific Research Publishing Inc.

This work is licensed under the Creative Commons Attribution International License (CC BY).

http://creativecommons.org/licenses/by/4.0/

Copyright for individual papers of the journal:

Copyright © 2019 by author(s) and Scientific Research Publishing Inc.

Reuse rights for individual papers:

Note: At SCIRP authors can choose between CC BY and CC BY-NC. Please consult each paper for its reuse rights.

Disclaimer of liability

Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any materials, instructions, methods or ideas contained herein. We expressly disclaim any implied warranties of merchantability or fitness for a particular purpose. If expert assistance is required, the services of a competent professional person should be sought.

PRODUCTION INFORMATION

For manuscripts that have been accepted for publication, please contact:

E-mail: msce@scirp.org



Journal of Materials Science and Chemical Engineering

ISSN Print: 2327-6045 ISSN Online: 2327-6053

http://www.scirp.org/journal/msce

Journal of Materials Science and Chemical Engineering is an international journal dedicated to the latest advancement of materials science and chemical engineering. The goal of this journal is to provide a platform for scientists and academicians all over the world to promote, share, and discuss various new issues and developments in different areas of materials science and chemical engineering. All manuscripts must be prepared in English, and are subject to a rigorous and fair peer-review process. Accepted papers will immediately appear online followed by printed hard copy. The journal publishes original papers including but not limited to the following fields:

Biomaterials and Biotechnology

Carbon Nanomaterials

Catalysis and Reaction Engineering

Chemical Engineering

Chemical Synthesis

Composite Materials

Extractive Metallurgy

Fabrication of Nanomaterials

Functional Material

Inkjet Printing of Functional Materials

Masonry Structures

Metals and Alloys

Microstructured Materials

Modelling and Simulation in Structural Engineering

Nanomaterials

Nanotechnology and Nanoscience

Polymer Processing

Separation Science and Technology

We are also interested in: 1) Short Reports–2-5 page papers where an author can either present an idea with theoretical background but has not yet completed the research needed for a complete paper or preliminary data; 2) Book Reviews–Comments and critiques.

Website and E-Mail

http://www.scirp.org/journal/msce E-mail: msce@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org