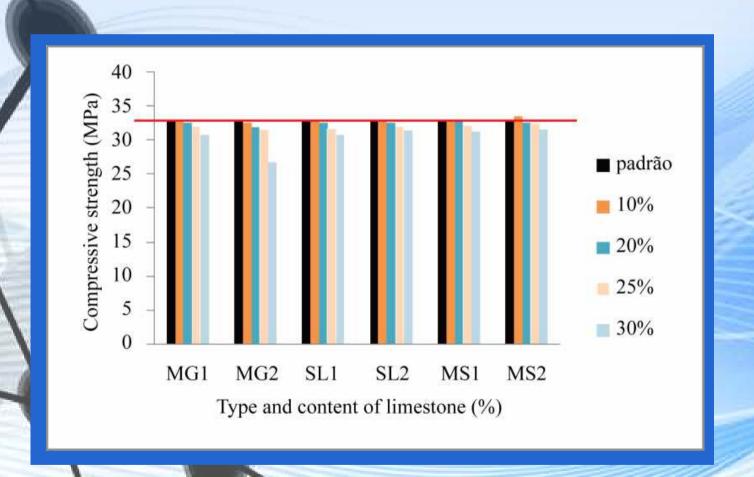


Journal of Materials Science and Chemical Engineering





Journal Editorial Board

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

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

.....

Editor-in-Chief

Dr. Jiyu FangUniversity 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, ChinaProf. Anwarul HasanAmerican University of Beirut, Lebanon

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

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. Mondala

Western Michigan University, USA

Prof. Badie I. Morsi

University 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. hab. Endre Ruszinko 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



Table of Contents

Volume 4	Number 5	May 2016
Effect of Spin C	Coating Speed on Some Optical Properties of ZnO Thin Films	
D. A. Ajadi, S.	. M. Agboola, O. Adedokun	1
Study on Wate	er Resistance of Polydopamine Treatment Wood Flour/Polypropylen	e Composites
D. K. T. Lanh,	T. D. Thien	7
Effect of the M	lineralogical Composition of Limestone on the Properties of Mortars	5
C. Macie, A. M	Nanhique, R. Manjate, C. Madivate	16
Microwave Syr	nthesis and Photocatalytic Properties of CeVO ₄ /FeVO ₄ Nanocomposi	ites
S. Chen, S. B. \	Yang, D. J. Fan, X. H. Liao	25
•	titative and Qualitative Characteristics of Nickel Clusters and	
Semiconductor		
E. B. Saitov		30

Journal of Material 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 © 2016 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 © 2016 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.

E-mail: msce@scirp.org

Website and E-Mail

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