

Open Journal of Composite Materials



ISSN: 2164-5612



Journal Editorial Board

ISSN 2164-5612 (Print) ISSN 2164-5655 (Online)

<http://www.scirp.org/journal/ojcm>

Editors-in-Chief

Dr. Chengye Fan

C-FER Technologies, Canada

Dr. Xiaosong Huang

General Motors Global R&D, USA

Editorial Board

Prof. Mehmet Aktas

Usak University, Turkey

Prof. Mohammad Reza Allazadeh

Hungarian Academy of Sciences, Hungary

Prof. Mehmet Hakki Alma

University of Kahramanmaras Sutcu Imam, Turkey

Prof. S. Joseph Antony

University of Leeds, UK

Dr. Zeki Candan

Istanbul University, Turkey

Prof. Carlos Chastre

Department of Civil Engineering NOVA University
of Lisbon, Portugal

Prof. Daniel C. Davis

University of Houston, USA

Prof. Igor Emri

Institute for Sustainable Innovative Technologies, Slovenia

Dr. Hessam Ghasemnejad

Cranfield University, UK

Dr. Ali Kilic

Istanbul Technical University, Turkey

Prof. Hyun-Joong Kim

Seoul National University, South Korea

Prof. Walter Lacarbonara

Sapienza University of Rome, Italy

Prof. Pier Marzocca

RMIT University, Australia

Prof. Abbas S. Milani

University of British Columbia, Canada

Dr. Mutlu Ozcan

University of Zurich, Switzerland

Dr. Hayder A. Rasheed

Kansas State University, USA

Prof. Carlo Santulli

Università La Sapienza, Italy

Prof. Jens Schuster

University of Applied Sciences Kaiserslautern, Germany

Prof. Mahmood M. Shokrieh

Iran University of Science and Technology, Iran

Table of Contents

Volume 7 Number 3

July 2017

Frequency Dependence of the b -Value Used for Acoustic Emission Analysis of Glass Fiber Reinforced Plastics

D. Y. Jung, Y. Mizutani, A. Todoroki, Y. Suzuki.....117

On the s^{\pm} -Wave Superconductivity in the Iron-Based Superconductors: A Perspective Based on a Detailed Study of $\text{Ba}_{0.6}\text{K}_{0.4}\text{Fe}_2\text{As}_2$ via the Generalized-Bardeen-Cooper-Schrieffer Equations Incorporating Fermi Energy

G. P. Malik.....130

Nylon/Porphyrin/Graphene Oxide Fiber Ternary Composite, Synthesis and Characterization

C. García-Pérez, C. Menchaca-Campos, M. A. García-Sánchez,

E. Pereyra-Laguna, O. Rodríguez-Pérez, J. Uruchurtu-Chavarín.....146

Advanced Welding Technology for Highly Stressable Multi-Material Designs with Fiber-Reinforced Plastics and Metals

H. Seidlitz, S. Fritzsche, M. Ambrosio, A. Kloshek.....166

Open Journal of Composite Materials (OJCM)

Journal Information

SUBSCRIPTIONS

The *Open Journal of Composite Materials* (Online at Scientific Research Publishing, www.SciRP.org) is published quarterly by Scientific Research Publishing, Inc., USA.

Subscription rates:

Print: \$79 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 © 2017 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 © 2017 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: ojcm@scirp.org

Call for Papers



Open Journal of Composite Materials

ISSN 2164-5612 (Print) ISSN 2164-5655 (Online)

<http://www.scirp.org/journal/ojcm>

Open Journal of Composite Materials (OJCM) is an international journal dedicated to the latest advancement of composite materials. 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 composite materials.

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:

- ◆ Bio-Composite Materials
- ◆ Composite Materials in Other Disciplines
- ◆ Functional Composites
- ◆ Inorganic Non-Metallic Matrix Composite
- ◆ Metal Matrix Composites
- ◆ Organic-Inorganic Hybrid Composites
- ◆ Polymer Composites
- ◆ Wood Composites

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.

Notes for Intending Authors

Submitted papers should not have been previously published nor be currently under consideration for publication elsewhere. Paper submission will be handled electronically through the website. All papers are refereed through a peer review process. For more details about the submissions, please access the website.

Website and E-Mail

<http://www.scirp.org/journal/ojcm>

E-mail: ojcm@scirp.org