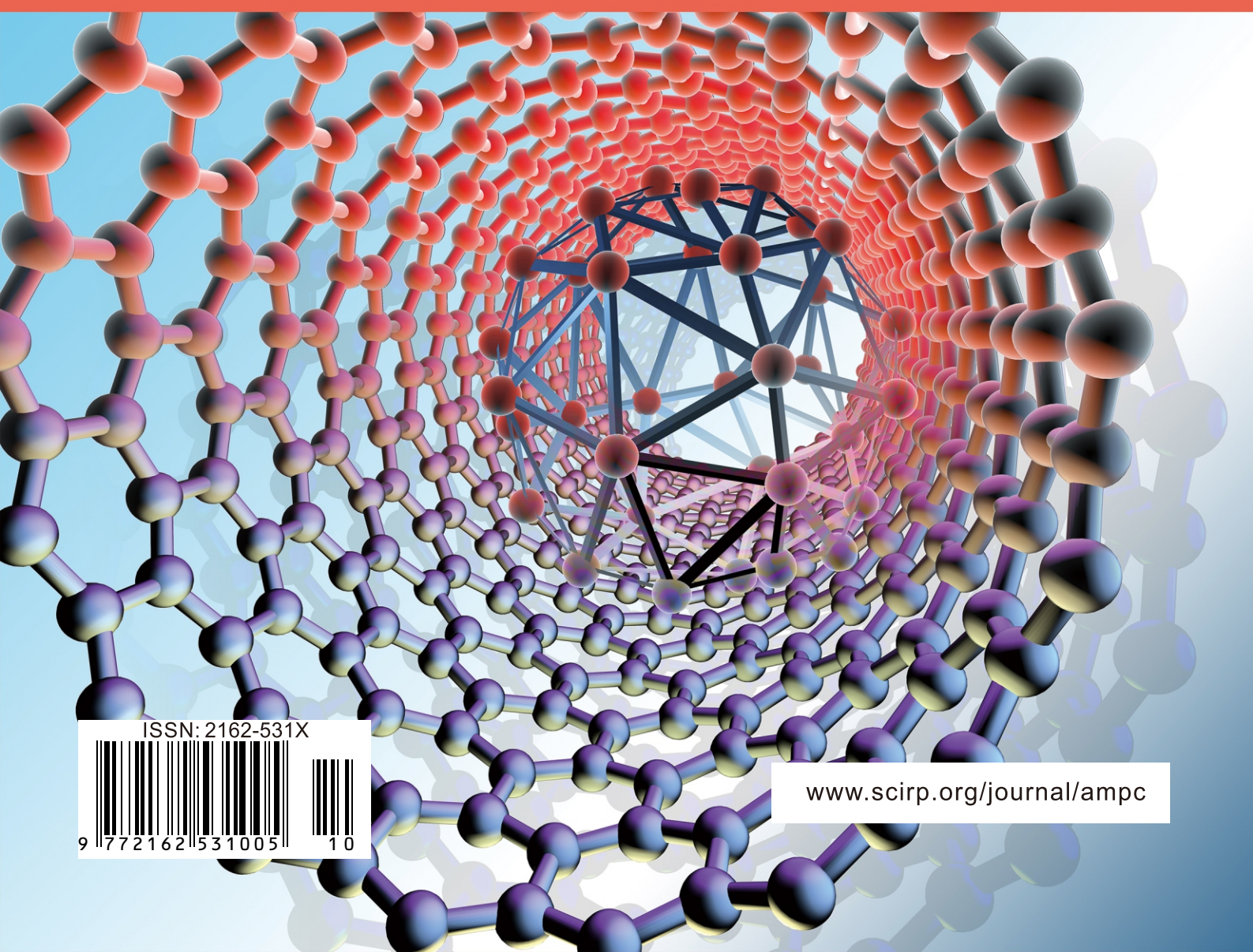


ISSN: 2162-531X

Volume 8, Number 10, October 2018



Advances in Materials Physics and Chemistry



ISSN: 2162-531X



www.scirp.org/journal/ampc

Journal Editorial Board

ISSN: 2162-531X (Print) ISSN: 2162-5328 (Online)
<http://www.scirp.org/journal/ampe>

Editor-in-Chief

Prof. Zhiwen Chen

Shanghai University, China

Editorial Board

Dr. Bensely Albert

CMC Americas, Inc., USA

Prof. Adriana Bigi

University of Bologna, Italy

Dr. Mary Caruso

3M Company, USA

Prof. Changle Chen

University of Science & Technology of China, China

Dr. Tien-Min Gabriel Chu

Indiana University School of Dentistry, USA

Dr. Byron D. Gates

Simon Fraser University, Canada

Dr. A. Nirmala Grace

VIT University, India

Prof. David Hui

University of New Orleans, USA

Prof. Kisuk Kang

Seoul National University, South Korea

Dr. Hong Jin Kim

Advanced Module Engineering, Globalfoundries, USA

Dr. Ing Kong

RMIT University, Malaysia

Dr. Mathew T. Mathew

Rush University Medical Centre, USA

Dr. Santosh K. Pandey

Iowa State University, USA

Prof. Rakesh Sharma

FAMU-FSU College of Engineering, USA

Prof. Peter E. Strizhak

National Academy of Sciences of Ukraine, Ukraine

Dr. Yadong Wang

University of Pittsburgh School of Medicine, USA

Dr. Meng Zhang

Philips Lumileds Lighting Company, USA

Prof. Qifa Zhou

University of Southern California, USA

Table of Contents

Volume 8 Number 10

October 2018

Effect of Polarity on Volume Conductivity of Polymers, Determined by Corona Triode Method

P. Dhima, F. Vila.....387

Magnetic and Electrical Properties of Gd Doped Ni-Cu-Zn-Fe₂O₄

P. V. Srinivasa Rao, T. Anjaneyulu, D. V. Krishna Reddy, M. Rami Reddy.....401

**Attack of Tunisian Phosphate Ore by a Mixture of Sulfuric and Phosphoric Acid:
Thermochemical Study by Means of Differential Reaction Calorimetry**

O. Lachkar-Zamouri, K. Brahim, F. Bennour-Mrad, I. Khattech.....411

Advances in Materials Physics and Chemistry (AMPC)

Journal Information

SUBSCRIPTIONS

The *Advances in Materials Physics and Chemistry* (Online at Scientific Research Publishing, www.SciRP.org) is published monthly 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 © 2018 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 © 2018 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.

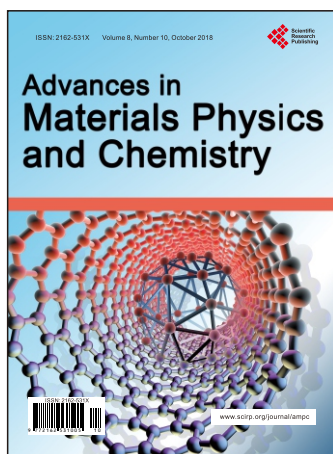
Disclaimer of liability

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: ampc@scirp.org



Call for Papers

Advances in Materials Physics and Chemistry

ISSN: 2162-531X (Print) ISSN: 2162-5328 (Online)

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

Advances in Materials Physics and Chemistry contains rapid communications, full-length original research, review articles and comments on interrelationships among synthesis, micro/nanostructures, properties, processing and performance of Materials Science, Physics, and Chemistry. This includes, but is not limited to:

- Biomaterials
- Composite Materials
- Energy Resources Materials
- Environmental Materials
- Fine Ceramics
- Graphene and Carbon
- Magnetics
- Nanodevices
- Nanomaterials
- Nanotechnology
- Optoelectronic Materials
- Polymers
- Quantum Science and Technology
- Semiconductors
- Superconductors
- Surface and Interface Science
- Thin Films

Editor-in-Chief

Prof. Zhiwen Chen

Shanghai University, China

Editorial Board

Dr. Bensely Albert
Prof. Adriana Bigi
Dr. Mary Caruso
Prof. Changle Chen
Dr. Tien-Min Gabriel Chu
Dr. Byron D. Gates
Dr. A. Nirmala Grace

Prof. David Hui
Prof. Kisuk Kang
Dr. Hong Jin Kim
Dr. Ing Kong
Dr. Mathew T. Mathew
Dr. Santosh K. Pandey
Prof. Rakesh Sharma

Prof. Peter E. Strizhak
Dr. Yadong Wang
Dr. Meng Zhang
Prof. Qifa Zhou

Website and E-Mail

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

E-mail: ampe@scirp.org