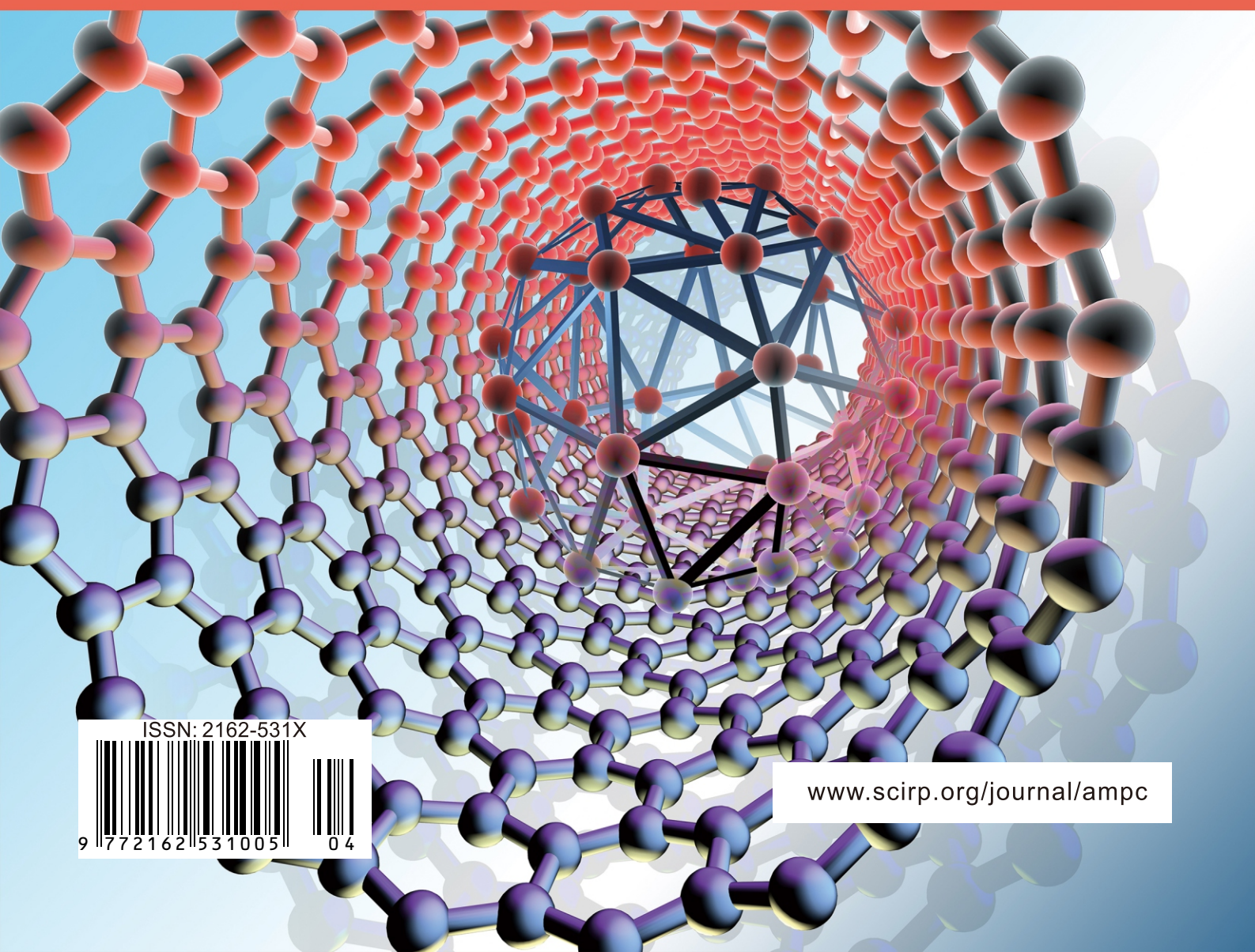


Advances in Materials Physics and Chemistry



ISSN: 2162-531X



www.scirp.org/journal/ampc

Journal Editorial Board

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

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

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

Prof. Mathew T. Mathew

Rush University Medical Centre, USA

Prof. 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

Prof. Yadong Wang

University of Pittsburgh School of Medicine, USA

Prof. Meng Zhang

Philips Lumileds Lighting Company, USA

Prof. Qifa Zhou

University of Southern California, USA

Table of Contents

Volume 7 Number 4

April 2017

**Study of the Contact and the Evaporation Kinetics of a Thin Water Liquid Bridge
between Two Hydrophobic Plates**

E. Portuguez, A. Alzina, P. Michaud, D. Hourlier, A. Smith.....99

**The R&D of a Novel Sulfur Tolerant CO Shift Catalyst and Its Application
in the Integrated Low Water Gas Ratio Process**

B. N. Liu, J. F. Xiao, T. C. Xiao, Q. Y. Zong.....113

**Elaboration and Characterization of Glasses and Ceramic-Glasses
within Ternary Diagram $\text{Li}_2\text{O}-\text{Cr}_2\text{O}_3-\text{P}_2\text{O}_5$**

S. Aqdim, Y. Er-rouissi, A. Cherif, R. Makhoulouk.....123

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 © 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.

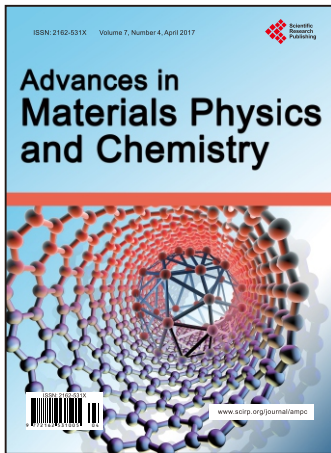
Disclaimer of liability

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: 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/ampc>

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

Prof. Mathew T. Mathew

Prof. Santosh K. Pandey

Prof. Rakesh Sharma

Prof. Peter E. Strizhak

Prof. Yadong Wang

Prof. Meng Zhang

Prof. Qifa Zhou

Website and E-Mail

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

E-mail: ampc@scirp.org