

ISSN: 2162-1969 Volume 9, Number 1, February 2019



Open Journal of Physical Chemistry



ISSN: 2162-1969



9 772162 196006 01

www.scirp.org/journal/ojpc

Journal Editorial Board

ISSN: 2162-1969 (Print) 2162-1977 (Online)

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

Editor-in-Chief

Dr. Peng Jiang University of Florida, USA

Editorial Board

Dr. Subbiah Alwarappan	University of South Florida, USA
Dr. Jeng-Da Chai	National Taiwan University, Chinese Taipei
Prof. Haisheng Chen	Chinese Academy of Sciences, China
Dr. Yongsheng Chen	Georgia Institute of Technology, USA
Dr. Zhengdong Cheng	Texas A&M University, USA
Dr. Krishnan Achary Damodaran	University of Pittsburgh, USA
Dr. Ramesh L. Gardas	Indian Institute of Technology Madras, India
Prof. Shimaa Mohamed Elsaied Hamouda	Chemistry at Egyptian Petroleum Research Institute (EPRI), Egypt
Prof. Santamaría Hólek Iván	Universidad Nacional Autónoma de México, México
Dr. Maksym Kryvohuz	California Institute of Technology, USA
Dr. Subrata Kundu	Central Electrochemical Research Institute (CECRI), India
Prof. Yue Li	Chinese Academy of Sciences, China
Dr. Shiang-Tai Lin	National Taiwan University, Chinese Taipei
Dr. Manosh C. Paul	University of Glasgow, UK
Prof. Andre Silva Pimentel	Pontifical Catholic University of Rio de Janeiro, Brazil
Dr. Madhumita B. Ray	University of Western Ontario, Canada
Dr. M. V. Reddy	National University of Singapore, Singapore
Dr. Stephan P. A. Sauer	University of Copenhagen, Denmark
Dr. Yang-hsin Shih	National Taiwan University, Chinese Taipei
Prof. Ricardo Alexandre Galdino da Silva	Universidade Federal de São Paulo, Brazil
Dr. Subith S. Vasu	University of Central Florida, USA
Prof. Jingsong Zhang	University of California, USA
Prof. Tierui Zhang	Chinese Academy of Sciences (CAS), China
Dr. Xinyi Zhang	Monash University, Australia
Prof. Qingdong Zheng	Chinese Academy of Sciences, China

Table of Contents

Volume 9 Number 1

February 2019

Study of the Reactivity of (100) Felodipine Surface Model Based on DFT Concepts

C. Tepech-Carrillo, R. Licona-Ibarra, J. F. Rivas-Silva, A. Flores-Riveros.....1

Numerical Experiment for Dipole-Dipole Interaction in Electro-Magnetism with Help of a Regular Tetrahedron

P. G. Papadopoulos, P. D. Kioussis, C. G. Karayannis.....13

Open Journal of Physical Chemistry (OJPC)

Journal Information

SUBSCRIPTIONS

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

Subscription rates:

Print: \$69 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: ojpc@scirp.org



Open Journal of Physical Chemistry

ISSN: 2162-1969 (Print) 2162-1977 (Online)

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

Editorial Board

Dr. Subbiah Alwarappan
Dr. Jeng-Da Chai
Prof. Haisheng Chen
Dr. Yongsheng Chen
Dr. Zhengdong Cheng
Dr. Krishnan Achary Damodaran
Dr. Ramesh L. Gardas
Prof. Shimaa Mohamed Elsaied Hamouda
Prof. Santamaría Hólek Iván
Dr. Maksym Kryvohuz
Dr. Subrata Kundu
Prof. Yue Li
Dr. Shiang-Tai Lin
Dr. Manosh C. Paul

Prof. Andre Silva Pimentel
Dr. Madhumita B. Ray
Dr. M. V. Reddy
Dr. Stephan P. A. Sauer
Dr. Yang-hsin Shih
Prof. Ricardo Alexandre Galdino da Silva
Dr. Subith S. Vasu
Prof. Jingsong Zhang
Prof. Tierui Zhang
Dr. Xinyi Zhang
Prof. Qingdong Zheng

Open Journal of Physical Chemistry (OJPC) is an international journal dedicated to the latest advancement of physical chemistry. 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 physical chemistry.

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:

- Acoustic Chemistry
- Biophysical Chemistry
- Chemical Kinetics
- Chemical Thermodynamics
- Colloid Chemistry
- Crystal Chemistry
- Electrochemistry
- Magnetochemistry
- Marine Physical Chemistry
- Materials Science
- Micromeritics
- Molecular Cluster
- Molecular Reaction Dynamics
- Photochemistry
- Physical and Chemical Metallurgy Process
- Physical Organic Chemistry
- Quantum Chemistry
- Solid-state Chemistry
- Spectroscopy
- Surface Chemistry
- Surface Structural Chemistry
- X-ray Crystallography

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/ojpc>

E-mail: ojpc@scirp.org