

World Journal of Condensed Matter Physics



Journal Editorial Board

ISSN: 2160-6919 (Print) ISSN: 2160-6927 (Online)

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

Editor-in-Chief

Prof. Wen-Jeng Hsueh National Taiwan University, Chinese Taipei

Editorial Board

Dr. Gulmurza Abdurakhmanov Academy of Sciences of Uzbekistan, Uzbekistan

Prof. Maksimenko Sergey Afanasievich Belarus State University, Belarus

Prof. Serdar Altin Inonu University, Turkey

Prof. S. Balamurugan Noorul Islam Centre for Higher Education (NICHE), India

Prof. Achim BittnerVienna University of Technology, AustriaProf. Christian BrosseauUniversité de Bretagne Occidentale, France

Prof. Luigi Maxmilian CaligiuriUniversity of Calabria, ItalyProf. Laurie E. CalvetUniversité de Paris-Sud, FranceProf. Xinmin CaoXunlight Corporation, USA

Prof. Dinko Vassilev Chakarov Chalmers University of Technology, Sweden

Dr. Kah-Yoong ChanMultimedia University, MalaysiaProf. Jian ChenSun Yat-sen University, ChinaDr. Carmelo CorsaroUniversity of Messina, ItalyDr. Nishad G. DeshpandeShivaji University, IndiaProf. Bishwajyoti DeyUniversity of Pune, IndiaProf. Fayçal DjeffalUniversity of Batna, Algeria

Prof. Aswini Ghosh Indian Association for the Cultivation of Science, India

Prof. Pimo He Zhejiang University, China

Dr. Joseph HorvatUniversity of Wollongong, Australia**Prof. Rakesh Kumar Joshi**Jawaharlal Nehru University, India

Prof. Vassilios Karavolas University of Indianapolis, Athens Campus, Greece

Prof. Sambasiva Rao Konapala Andhra University, India

Prof. Olga Korostynska Dublin Institute of Technology, Ireland

Dr. Aleksander KrupskiUniversity of Warwick, UKProf. Tankeshwar KumarPanjab University, IndiaProf. Pui-Tak LeungPortland State University, USAProf. Feng-Ming LiHarbin Institute of Technology, ChinaDr. K. MaazSungkyunkwan University, South Korea

Prof. Biswanath MallikIndian Association for the Cultivation of Science, IndiaProf. Li-Jian MengInstituto Superior de Engenharia do Porto, Portugal

Prof. Thanos Mitrelias University of Cambridge, UK

Prof. Alexander M. Panich Ben-Gurion University of the Negev, Israel

Dr. Aswini K. Pradhan Norfolk State University, USA

Prof. Sergo Sh. Rekhviashvili Institute of Applied Mathematics and Automation KBSC RAS, Russia

Prof. Samar K. Saha Santa Clara University, USA

Prof. Dsc Oleg Shevaleevskiy Russian Academy of Sciences, Russia

Dr. Nikolai A. Sobolev University of Aveiro, Portugal

Prof. Bibhu Prasad Swain National Institute of Advanced Industrial Science and Technology, Japan

Prof. Roland H. Tarkhanyan National AcSci of Armenia, Armenia

Prof. Ajay Singh VermaPanjab University, IndiaProf. Jiagang WuSichuan University, ChinaProf. Fahrettin YakuphanogluFirat University, Turkey

Prof. Renyun Zhang Mid Sweden University, Sweden

Prof. Zhiyong Zhong University of Electronic Science and Technology of China, China



Volume 9 Number 2

ISSN Online: 2160-6927 ISSN Print: 2160-6919

May 2019

Table of Contents

Evaluation of Gallium Arsenide Thermal Expansion Coefficient by Extended X-Ray Absorption	
Fine Structure	
G. Dieve, S. I. Ahmed, A. C. Wade, D. Diop	37

World Journal of Condensed Matter Physics (WJCMP) Journal Information

SUBSCRIPTIONS

The World Journal of Condensed Matter Physics (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 © 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

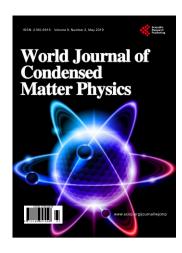
Statements and opinions expressed in the articles and communications are those of the individual contributors and not the statements and opinion of Scientific Research Publishing, Inc. We assume no responsibility or liability for any damage or injury to persons or property arising out of the use of any 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: wjcmp@scirp.org

Call for Papers



World Journal of Condensed Matter Physics (WJCMP)

ISSN 2160-6919 (print) ISSN 2160-6927 (online)

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

World Journal of Condensed Matter Physics (WJCMP) covers the whole of condensed matter physics including soft condensed matter and nanostructures. Papers may report experimental, theoretical and simulation studies. Note that papers must contain fundamental condensed matter science: papers reporting methods of materials preparation or properties of materials without novel condensed matter content will not be accepted.

Editor-in-Chief

Prof. Wen-Jeng Hsueh

National Taiwan University, Chinese Taipei

Editorial Board

Dr. Gulmurza Abdurakhmanov

Prof. Maksimenko Sergey Afanasievich

Prof. Serdar Altin

Prof. S. Balamurugan Prof. Achim Bittner

Prof. Christian Brosseau

Prof. Luigi Maxmilian Caligiuri

Prof. Laurie E. Calvet

Prof. Xinmin Cao

Prof. Dinko Vassilev Chakarov

Dr. Kah-Yoong Chan

Prof. Jian Chen

Dr. Carmelo Corsaro

Dr. Nishad G. Deshpande Prof. Bishwajyoti Dey

ivational raiwan oniversity, onlinese raip

Prof. Fayçal Djeffal

Prof. Aswini Ghosh

Prof. Pimo He

Dr. Joseph Horvat

Prof. Rakesh Kumar Joshi

Prof. Vassilios Karavolas

Prof. Sambasiva Rao Konapala

Prof. Olga Korostynska

Dr. Aleksander Krupski

Prof. Tankeshwar Kumar

Prof. Pui-Tak Leung

Prof. Feng-Ming Li

Dr. K. Maaz

Prof. Biswanath Mallik

Prof. Li-Jian Meng

Prof. Thanos Mitrelias

Prof. Alexander M. Panich

Dr. Aswini K. Pradhan

Prof. Sergo Sh. Rekhviashvili

Prof. Samar K. Saha

Prof. Dsc Oleg Shevaleevskiy

Dr. Nikolai A. Sobolev

Prof. Bibhu Prasad Swain

Prof. Roland H. Tarkhanyan

Prof. Ajay Singh Verma

Prof. Jiagang Wu

Prof. Fahrettin Yakuphanoglu

Prof. Renyun Zhang

Prof. Zhiyong Zhong

All the 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 copies. The journal publishes original papers including but not limited to the following fields:

Correlated Electrons
Dielectrics and Ferroelectrics
Electronic Structure
Liquids, Soft Matter and Biological Physics
Magnetism and Magnetic Materials
Nanostructures and Nanoelectronics
Semiconductors
Solid Structure and Lattice Dynamics
Superconductors and Metals
Surface, Interface and Atomic-Scale Science

We are also interested in short papers (letters) that clearly address a specific problem, and short survey or position papers that sketch the results or problems on a specific topic. Authors of selected short papers would be invited to write a regular paper on the same topic for future issues of the WJCMP.

Website and E-Mail

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

E-Mail: wjcmp@scirp.org

What is SCIRP?

Scientific Research Publishing (SCIRP) is one of the largest Open Access journal publishers. It is currently publishing more than 200 open access, online, peer-reviewed journals covering a wide range of academic disciplines. SCIRP serves the worldwide academic communities and contributes to the progress and application of science with its publication.

What is Open Access?

All original research papers published by SCIRP are made freely and permanently accessible online immediately upon publication. To be able to provide open access journals, SCIRP defrays operation costs from authors and subscription charges only for its printed version. Open access publishing allows an immediate, worldwide, barrier-free, open access to the full text of research papers, which is in the best interests of the scientific community.

- High visibility for maximum global exposure with open access publishing model
- Rigorous peer review of research papers
- Prompt faster publication with less cost
- Guaranteed targeted, multidisciplinary audience





Website: http://www.scirp.org Subscription: sub@scirp.org Advertisement: service@scirp.org