# TABLE OF CONTENTS

**Volume 1  Number 3  August 2011**

**Self Assembly of Honeycomb TiO$_2$ Coatings by Tea-Leaf Extracts as the Dispersoids**  
M. Kamei……………………………………………………………………………………………………………………………59

**Ab Initio Calculations of Optical Properties of TiBr and TiCl Radiation Detectors**  
N. Amrane, M. Benkraouda, F. Hamed…………………………………………………………………………………………63

**Electron Momentum Density and X-Ray Structure Factors of Copper**  
N. Munjal, P. Bhamhani, V. Vyas, P. A. Alvi, G. Sharma, B. K. Sharma……………………………………………………70

**The Comparison of Substrate Stability in Neuraminidase Type 2 (N2) Active Site between A/Tokyo/3/67 and A/Pennsylvania/10218/84 with Heating Dynamics Simulation**  
S. J. Herlambang, R. Saleh……………………………………………………………………………………………………………77

**Noise-Dependent Stability of the Synchronized State in a Coupled System of Active Rotators**  
S. F. Brandt, A. Pelster, R. Wessel………………………………………………………………………………………………88

**Concentration Dependence of Thermodynamic Properties of NaPb Liquid Alloy**  
B. P. Singh, J. Kumar, I. S. Jha, D. Adhikari………………………………………………………………………………………97

**Structural and Magnetic Properties of BaCo$_x$Fe$_{12-x}$O$_{19}$ ($x = 0.2, 0.4, 0.6, \& 1.0$) Nanoferrites Synthesized via Citrate Sol-Gel Method**  
S. Singhal, K. Kaur, S. Jauhar, S. Bhukal, S. Bansal……………………………………………………………………………101

**Development of Non-shrinking Soft Ferrite Composition Useful for Microinductors Applications**  
N. Varalaxmi, K. Sivakumar…………………………………………………………………………………………………………105
World Journal of Condensed Matter Physics (WJCMP)

Journal Information

SUBSCRIPTIONS


Subscription rates:
Print: $39 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)
E-mail: sub@scirp.org

COPYRIGHT

Copyright©2011 Scientific Research Publishing, Inc.

All Rights Reserved. No part of this publication may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, scanning or otherwise, except as described below, without the permission in writing of the Publisher.

Copying of articles is not permitted except for personal and internal use, to the extent permitted by national copyright law, or under the terms of a license issued by the national Reproduction Rights Organization.

Requests for permission for other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works or for resale, and other enquiries should be addressed to the Publisher.

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 assumes 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
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 physics including soft condensed matter and nanostructures. Papers may require simulation studies. Note that papers must contain fundamental condensed reporting methods of materials preparation or project novel condensed matter content will not be accepted.

Editor-in-Chief

Dr. Ravindran Ponniyah  University of Oslo, Norway

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.

Website and E-Mail

Website: http://www.scirp.org/journal/wjcmp  E-Mail: wjcmp@scirp.org