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**PERIOD : 01/04/2015 - 30/04/2015**

<b>Name of the Journal</b>	<b>Bulletin of Materials Science</b>
<b>Frequency/ Period/Vol/Iss.</b>	<b>Vol. 38 No. 1 February – March, 2015</b>
<b>Articles/ Contents</b>	<ol style="list-style-type: none"> <li>1. Influence of dysprosium addition on the structural, morphological, electrical and magnetic properties of nano-crystalline W-type</li> <li>2. Preliminary comparison of different reduction methods of graphene oxide</li> <li>3. Synthesis and structural characterization of new inorganic-organic hybrid: arsenomolybdate compound with cytosinium cations</li> <li>4. Oxygen separating membrane manufactured from <math>Ba_{0.5}Sr_{0.5}Co_{0.8}Fe_{0.2}O_{3.5}</math> perovskite-like material</li> <li>5. Yttrium deposition on mesoporous <math>TiO_2</math>: textural design and UV decolourization of organic dyes</li> <li>6. Space-charge-limited conduction in <math>Se_{90}Sb_4Ag_6</math> glassy alloy: observation of Meyer-Neldel rule</li> <li>7. Growth of 2-amino-5-chlorobenzophenone single crystal by Microtube Czochralski method and its characterization</li> <li>8. Effect of the addition of 3-glycidoxypropyltrimethoxysilane to tetraethoxyorthosilicate-based stone protective coating using <i>n</i>-octylamine as a catalyst</li> <li>9. Synthesis of poly(furfuryl alcohol)/montmorillonite nanocomposites by direct <i>in-situ</i> polymerization</li> <li>10. Dependence of ZnO-based dye-sensitized solar cell characteristics on the layer deposition method</li> <li>11. Growth, characterization and dielectric studies of gadolinium fumarate heptahydrate single crystals</li> <li>12. Preparation and characterization of <math>Bi_2S_3</math> compound semiconductor</li> <li>13. Effect of Er doping on the superconducting properties of porous <math>MgB_2</math></li> <li>14. Synthesis, characterization and magnetic property of 3D flower-like nickel sulphide nanocrystals through decomposing bis(thiourea) nickel(II) chloride crystals</li> <li>15. Magnetocaloric response of <math>La_{0.70}Ca_{0.1}Sr_{0.2}Fe_{0.1}Mn_{0.9}O_3</math> perovskite for magnetic refrigeration</li> <li>16. Synthesis and resistive switching behavior of <math>ZnMnO_3</math> thin films with an <math>Ag/ZnMnO_3/ITO</math> unsymmetrical structure</li> <li>17. Short-range order of germanium selenide glass</li> <li>18. Acoustic relaxation of some lead niobium tellurite glasses</li> <li>19. Series-connected substrate-integrated lead-carbon hybrid ultracapacitors with voltage-management circuit</li> <li>20. Cobalt oxide nanoparticle-modified carbon nanotubes as an electrocatalysts for electrocatalytic evolution of oxygen gas</li> <li>21. Synergetic action of doping and coating on electrochemical performance of lithium manganese spinel as an electrode material for lithium-ion batteries</li> <li>22. Electrochemical analysis on poly(ethyl methacrylate)-based electrolyte membranes</li> <li>23. Characteristics of bulk liquid undercooling and crystallization behaviors of</li> </ol>

	<p>jet electrodeposition Ni—W—P alloy</p> <ol style="list-style-type: none"> <li>24. A sensitive nonenzymatic hydrogen peroxide sensor based on Fe<sub>3</sub>O<sub>4</sub>–Fe<sub>2</sub>O<sub>3</sub> nanocomposites</li> <li>25. Multi-walled carbon nanotube-coated cotton fabric for possible energy storage devices</li> <li>26. Friction-reducing micro/nanoprotrusions on electrodeposited Ni—Co alloy coating surface fabricated by laser direct writing</li> <li>27. Analysis of P(VdCl-co-AN-co-MMA)-LiClO<sub>4</sub> –EC triblock copolymer electrolytes</li> <li>28. Fabrication of back contacts using laser writer and photolithography for inscribing textured solar cells</li> <li>29. Characterization of electroless nickel as a seed layer for silicon solar cell metallization</li> <li>30. Effects of metal doping on photoinduced hydrophilicity of SnO<sub>2</sub> thin films</li> <li>31. Electrospun TiO<sub>2</sub> nanofibre-based gas sensors fabricated by AC electrophoresis deposition</li> <li>32. Facile combustion synthesis of novel CaZrO<sub>3</sub>:Eu<sup>3+</sup>, Gd<sup>3+</sup> red phosphor and remarkably enhanced photoluminescence by Gd<sup>3+</sup> doping</li> <li>33. Analytical calculation of chain length in ferrofluids</li> <li>34. Photocatalytic activity of Ce-modified SBA-15 for the degradation of isoproturon</li> <li>35. Electroluminescence and negative differential resistance studies of TPD:PBD:Alq<sub>3</sub> blend organic-light-emitting diodes</li> <li>36. Ultrasonic investigations of some bismuth borate glasses doped with Al<sub>2</sub>O<sub>3</sub></li> <li>37. Influence of thermo-mechanical processing on microstructure, mechanical properties and corrosion behavior of a new metastable β-titanium biomedical alloy</li> <li>38. Biphasic calcium phosphate—casein bone graft fortified with <i>Cassia occidentalis</i> for bone tissue engineering and regeneration</li> <li>39. Simple fabrication of Ag nanoparticle-impregnated electrospun nanofibres as SERS substrates</li> <li>40. Cost effective and shape controlled approach to synthesize hierarchically assembled NiO nanoflakes for the removal of toxic heavy metal ions in aqueous solution</li> </ol>
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	<p>enhances the efficacy of classical swine-fever-vectored vaccine based on human adenovirus</p> <ol style="list-style-type: none"> <li>10. Circulating nucleic acids damage DNA of healthy cells by integrating into their genomes</li> <li>11. Whole genome analysis of a Vietnamese trio</li> <li>12. BDP-30, a systemic resistance inducer from <i>Boerhaavia diffusa</i> L., suppresses TMV infection, and displays homology with ribosome-inactivating proteins</li> <li>13. Identification of plant defence regulators through transcriptional profiling of <i>Arabidopsis thaliana cdd1</i> mutant</li> <li>14. Frost hardiness of tree species is independent of phenology and macroclimatic niche</li> <li>15. Stochastic developmental variation, an epigenetic source of phenotypic diversity with far-reaching biological consequences</li> </ol>
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	<ol style="list-style-type: none"> <li>3. A Bibliometric Study on Acquaculture and Fisheries Journals through Electronic Data base in Directory of Open Access Journals</li> <li>4. Community Information Services (CISS) Through T.S. Central State Library: A Case Study</li> <li>5. Problems in Accessing UGC Infonet E-Journals Consortiun among the Research Scholars: A Survey of Sri Krishnadevaraya University Library, Anantapur, Andhra Pradesh</li> <li>6. Methodological Approaches in Information Science Research on Computer-mediated Communicati8on</li> <li>7. ACQUISITION AND Utilisation of ICT Skills of Library Professionals in some Nigerian Academic Libraries</li> <li>8. Universities, Libraries and No Librarians</li> <li>9. Digital Literacy of Postgraduate Students in Management Institutions of Puducherry: A Survey</li> </ol>
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