
Editorial

M.M. Rashad

Electronic and Magnetic Materials Division,
Central Metallurgical Research and Development Institute (CMRDI),
P.O. Box 87 Helwan, Cairo, Egypt
Email: rashad133@yahoo.com
Email: mrashad@cmrdi.sci.eg

Biographical notes: M.M. Rashad published 102 papers in international journals. He was awarded the National Prize of Egypt in Advanced Science 2006, Prize of Excellence in Materials Science Technology 2008 and Prize of Innovation in Environmental Studies 2012. He is number 1 for the peer-reviewed published articles in Egypt in the last ten years under 'Egypt and Nanopowders' and number 2 for the publication under 'Egypt and Magnetic Materials'. He is a potential reviewer for ~45 journals. His works are concentrated with nanomaterials, electronic devices, smart materials, thermoelectric materials, magnetic devices, semiconductors, solar energy, advanced ceramics, fuel cell, lithium battery and opto-electronics materials.

The International Conference on Nanomaterials Synthesis, Fabrication and Applications was held in Cairo, Egypt, 14–17 April 2014. The conference was attended by about 300 participants. Distinguished scientists in nanotechnology from universities and R&D centres from USA, Sweden, India, Malaysia, Qatar and Egypt gave keynote speeches. The papers were presented in ten specialised technical sessions. Representatives from sponsoring organisations namely European union 'EU', Federation of Arab Scientific Research Council 'FARSC', World Association for Industrial and Technological Research Association 'WAITRO', Science and Technology Development Fund in Egypt 'STDF' and Central Metallurgical Research and Development Institute 'CMRDI' were formulated a committee to manage all issues anticipated to the conference. The issue of *International Journal of Nanoparticles* that is now seeing the light contains excellent papers in the field of nanotechnology. More than 19 articles were received and only nine papers were accepted. The central themes of this special issue are nanotechnology imperatives in the new millennium. The papers included nanomaterials; synthesis and fabrication, characterisation and properties and applications in biomedical, electronic and magnetic, steel making, water treatment, paper and pulp and energy. The guest editor wishes to thank all the authors of the submitted manuscripts without whom, this special issue would not have been possible. He would also like to thank the anonymous reviewers who exerted their time and effort to provide a thorough evaluation of the submitted manuscripts in a timely manner. The editor would also like to thank the staff of *International Journal of Nanoparticles* for full cooperation during the preparation of this special issue. Special thanks go to Professor Weiping Cai for inviting me as a guest editor for such issue.