

Journal: ENERGY AND ENVIRONMENT FOCUS
(www.aspbs.com/efocus)

A Special Issue on
“New Energy Materials for future Applications”

Call for Papers

New energy materials have now attained a center stage in the field of science and technology of green and sustainable energy. The reliable and sustainable energy supply is our utmost need and this issue is fundamental to the economic and social fabric of nations, and to the wellbeing of human life. The solar cells, hydrogen storage devices, and other energy conversion devices are now being fabricated by them and also new devices and materials are emerging day-by-day. With the introduction of carbon nanomaterials (e.g. graphene, CNT, fullerene) and new oxide nanomaterials the research is expected to play an increasing role in sustainable technologies for energy conversion and economy. Recently, special emphasis is given on the thin & nanostructured films for transparent conducting, thermoelectric and solar cells. The progress in new energy materials is rapidly accelerating towards low cost, flexible, and light weight preference.

Keeping in mind these research trends, we are organizing a special issue on “**New Energy Materials for future Applications**” for (under the theme) **ENERGY AND ENVIRONMENT FOCUS** (for more details follow the link www.aspbs.com/efouses). This special issue is devoted to the various physical and chemical processes for the synthesis of energy materials and their applications. Contributions, such as original research articles, communications, comprehensive or brief review articles, are especially solicited but not limited to the following fields:

- **Hydrogen storage/production materials and Fuel cell materials**
- **Solar cell materials**
- **Lithium-ion batteries and supercapacitors**
- **Thermoelectric, Transparent conducting, Superconducting etc. materials**
- **Piezoelectric and pyroelectric materials**
- **Liquid crystal display and field emission display materials**
- **Light emitting diodes (LEDs) and Optical materials**
- **Nanomaterials for Energy, Environmental, Chemical and Catalytic applications**

- **Nanosystems for Sensing, Diagnostic, Imaging, Magnetic, Electronic and Structural applications**
- **Size-dependent properties of Nanocrystals, Quantum Dots and Nanowires**
- **Processing and Templating of Nanosheets, Nanotubes and Thin film materials**
- **Synthesis and self-assembly of different nanostructures including Nanoparticles, Organic-Inorganic Nanocomposites and Bio-hybrids**

Manuscript Submission:

Manuscripts must be prepared according to Journal's guidelines, available at www.aspbs.com/efocus. Submit your manuscripts in MS word or PDF format directly to the one of the Guest Editors. All papers submitted to this issue will be subject to a strict peer review process to ensure high quality articles. Please make sure in the cover letter that the submitted paper has not been published previously and is not currently submitted for review to any other journal and will not be submitted elsewhere before a decision is made by this journal. Please notify well in advance for your intension to submit a research paper. Submission of novel, and informative results on **"New Energy Materials for future Applications"** will be highly appreciated.

KEY TIMETABLE DATES

Manuscript due: 15th September, 2013
Author's notification: 15th October, 2013
Publication Date: December, 2013

If you are agree kindly provide us the following informations at your earliest convenience,

- (1) Tentative Title of your Article
- (2) 5-10 Keywords related to your proposed Article
- (3) Mailing address, phone, fax and E-mail address

We sincerely hope for your positive response and kind participation to this forthcoming thematic issue.

Guest Editors-

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About the journal

ENERGY AND ENVIRONMENT FOCUS is a multidisciplinary peer-reviewed international research journal consolidating research activities in all experimental and theoretical aspects of energy and environment with an interdisciplinary approach. Journal offers a very broad readership with an interdisciplinary approach in the fields of materials science, chemistry, physics, surface science, medical sciences and all disciplines of engineering, electrochemistry, biotechnology, nanoscience and nanotechnology for scientists, researchers and professionals working in industry and academia.

Journal started since **Sept 2012** and it is expected that it will achieve good Impact Factor in future.

Publisher:

American Scientific Publishers (ASP), Valencia, California 91381-0751, USA