Special Issue

Facile Synthesis and Applications of Doped Metal Oxide Nanomaterials

Message from the Guest Editors

Metal oxides are explored as functional materials. In order to further improve the performance of metal oxide nanomaterials, doping/co-doping with impurities to alter the bulk structures of the host matrix has been a promising approach for many decades. In this context, this Special Issue is intended to be a collection of articles/reviews focusing on the facile synthesis and applications of doped metal oxides. The articles submitted must elegantly spotlight the facile preparation method, and the relevant material characterization related to the structural, morphological, and band gap response properties should be carefully dealt with to provide clear-cut insights into the doping effects. In particular, the co-doping process would be of more interest as it unfolds the doping mechanisms to a larger extent.

Guest Editors

Dr. S. Girish Kumar

School of Engineering and Technology, CMR University, Bengaluru Main Campus, Bengaluru 562149, India

Fayal Dsouza

Assistant Professor, Department of Chemistry, School of Engineering and Technology, Bagaluru Campus, CMR University, Karnataka, India

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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