

Special Issue

New Advances into Nanostructured Oxides, 2nd Edition

Message from the Guest Editors

This Special Issue aims at extending the comprehension of the mechanisms involved in the synthesis and templating of inorganic oxidic nanomaterials, as well as in their surface functionalization and reactivity. Additionally, this Special Issue aims at increasing the knowledge on the latest advances of these systems in (photo)catalysis, environmental clean-up processes, energy storage, controlled transport and/or release, biomedicine, sensing, development of smart-materials, stimuli-responsive materials, and nanocomposites. Nanomaterials of interest include (but are not limited to): silica, alumina, titania, zirconia, zinc oxide, aluminosilicates (e.g., clays, zeolites), iron oxides, perovskites and titanates, rare earth oxides, composites. Furthermore, particular attention will be dedicated toward studies describing alternative ecofriendly preparation methods.

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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