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Feature Papers in Metal/Metal Oxide Nanoparticles

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Deadline for manuscript submissions:
closed (28 February 2023)

Message from the Guest Editors

Dear Colleagues,

Metal and metal oxide nanoparticles have unique optical, electronic and physicochemical properties as compared with bulk materials. They are universally interesting materials that potentially have a wide variety of advanced applications, such as biomedical applications, energy, solar cell, sensors, electronic devices, coating, catalysts, cosmetic, agricultural applications, fertilizer, antimicrobial agent, etc.

This Special Issue invites the submission of novel and high-quality research papers (experimental, theoretical, or simulation studies), as well as review articles. The scope of this Special Issue covers all aspects of cutting-edge research on metal and metal oxide nanoparticles, including the theoretical study of metal and metal oxide nanoparticles, synthesis of metal and metal oxide nanoparticles, fabrication techniques for the low-cost and high-quality metal and metal oxide nanoparticles, investigation of formation mechanism, and the state-of-the-art applications of metal and metal oxide nanoparticles.

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Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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