Special Issue

Advances and Perspectives in Noble Metal Nanoparticles

Message from the Guest Editors

Noble metals have been valued and used by people for centuries. The reason for their widespread use is their intrinsic stability and biocompatibility. In terms of nanoparticles, noble metals have attracted interest for their optical, electromagnetic, and catalytic properties. Noble metal nanoparticles have been used for years, but the knowledge of the origin of their properties has been limited. Currently, we can rationally design noble metal nanoparticles of various shapes, sizes, and surface characteristics. Their outstanding potential is reflected in the enormous interest they have attracted in the scientific world over the years. This Special Issue covers all the aspects of the synthesis, characterization, and application of noble metal nanoparticles. We invite and encourage researchers interested in catalysis, photocatalysis, light-harvesting, sensing, imaging, photothermal effects, drug delivery systems, and antibacterial materials to submit manuscripts.

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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.

Editor-in-Chief

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