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New Insights into Metal/Metal Oxide Nanoparticles and Nanocomposites: Synthesis, Properties and Applications

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Message from the Guest Editors

Dear Colleagues,

Metal and metal oxide nanoparticles have attracted interest over time. Their unique properties means they have broad applications: from sensors and electronic devices to antimicrobial agents, cytotoxicity or drug delivery. Moreover, increased attention has been paid to nanoparticles and nanocomposites in the last few decades; hybrid systems (e.g., coated and functionalized materials and metal–protein systems) have been studied much more. In fact, the increasing prevalence of ecological problems, the issue of drug resistance and the apparent limitations in the application of nanomaterials have encouraged researchers to find new solutions, new insights and new approaches.

Therefore, the current Special Issue covers interdisciplinary approaches related to “Metal/Metal Oxide Nanoparticles and Nanocomposites; Synthesis, Properties and Applications”. Practical work covering recent scientific challenges/strategies in the field as well as review papers addressing recent and newest progress are welcome.



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Special Issue



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Message from the Editor-in-Chief

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