Special Issue

Functional Nanocomposite Material Based on Metal Atom Clusters

Message from the Guest Editors

Functional nanocomposites represent a particular class of nanoarchitectured materials that integrate various dissimilar nanoscale building blocks including clusters, particles, wires, and films. These heterogeneous composite nanostructured materials are composed by multi-(nano)components, each tailored to address different requirements. One of these nanocomponents are nanometer-sized metal atom clusters (

Guest Editors

Prof. Dr. Fabien Grasset

Dr. Michael A. Shestopalov

Dr. Marta Feliz

Prof. Dr. Tetsuo Uchikoshi

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

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Nanoscience and nanotechnology are exciting fields of research and development, with wide applications to electronic, optical, and magnetic devices, biology, medicine, energy, and defense. At the heart of these fields are the synthesis, characterization, modeling, and applications of new materials with lower nanometer-scale dimensions, which we call “nanomaterials”. These materials can exhibit unusual mesoscopic properties and include nanoparticles, coatings and thin films, metal–organic frameworks, membranes, nano-alloys, quantum dots, self-assemblies, 2D materials such as graphene, and nanotubes. Our journal, *Nanomaterials*, has the goal of publishing the highest quality papers on all aspects of nanomaterial science to an interdisciplinary scientific audience. All of our articles are published with rigorous refereeing and open access.

Editor-in-Chief

Prof. Dr. Eugenia Valsami-Jones
School of Geography, Earth and Environmental Science, University of Birmingham, Birmingham B15 2TT, UK

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