

Special Issue

Functional Nanomaterials and Composites: From Design Towards Energy & Environmental Applications

Message from the Guest Editors

The rapidly advancing field of nanomaterials and composites holds significant promise for addressing critical global challenges, particularly in energy and environmental applications. This Special Issue explores the innovative design, fabrication, and integration of functional nanomaterials and composite systems, with a focus on their potential to revolutionize sustainable energy solutions and environmental remediation. Nanomaterials, due to their unique structural and chemical properties, offer unparalleled opportunities for enhancing energy storage, conversion, and efficiency. This Special Issue highlights cutting-edge research on the design principles, functionalization, and characterization techniques for these materials. As the world strives to transition towards sustainable practices, functional nanomaterials and composites are at the forefront of efforts to create cleaner, more efficient technologies. This collection of research provides valuable insights for scientists, engineers, and policymakers seeking to harness the power of nanotechnology to address energy and environmental challenges.

Guest Editors

Dr. Edgar Mosquera-Vargas

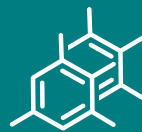
Phase Transitions and Functional Materials Group & Center of Excellence in New Materials (CENM), Department of Physics, Universidad del Valle, Santiago de Cali 760032, Colombia

Dr. Luis Alfredo Rodríguez

Phase Transitions and Functional Materials Group & Center of Excellence in New Materials (CENM), Department of Physics, Universidad del Valle, Santiago de Cali 760032, Colombia

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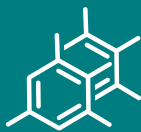


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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
molecules@mdpi.com

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Institute of Pharmaceutical Biology and Phytochemistry, University of
Münster, Corrensstrasse 48, D-48149 Münster, Germany

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