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Design, Structure, and Performance of Novel Composite Materials for Sustainable Energy Applications

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Deadline for manuscript submissions:
20 October 2024

Message from the Guest Editors

This multidisciplinary Special Issue aims to explore the intersection of material science and sustainable energy solutions. Researchers and experts are invited to submit papers that delve into, but are not limited to, the innovative use of composite materials to address the challenges of advancing sustainable energy technologies, the design principles behind these novel composite materials, and analyzing their underlying structures at various scales from polymer, metal, ceramic, and bio-based composites. Submissions could focus on the synthesis techniques, manufacturing processes, characterization methodologies, or properties such as efficiency, durability, overall viability, and more.

Ultimately, this Special Issue aims to foster a deeper understanding of the intricate relationship between composite material design, its structural attributes, and its pivotal role in driving sustainable energy advancements. By sharing insights and discoveries, the academic community endeavors to accelerate the development of materials that can reshape the landscape of renewable energy for a more sustainable future.

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Message from the Editor-in-Chief

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