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Recent Progress and Future of Composite Materials

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Message from the Guest Editors

Composites materials have gained importance in various engineering and biomedical applications in recent years. Composite materials are a combination of two or more dissimilar material that are insoluble and, when combined, alter the properties of those individual materials.

The ability to achieve versatile properties arising from filler as well as from continuous material makes composites a suitable type of materials for a sustainable future. However, the reliability and performance of such composites can depend on several factors, including the interface, bulk, and the surface characteristics. Thus, a fundamental understanding of these characteristics is essential to achieve an optimal performance of these composite materials.

The goal of this Special Issue is to publish original full-length papers and review articles that advance the development of composite materials, ranging from nano- to micro-scale fillers that are used in different areas of science, from engineering to biomedical applications.