Special Issue

Novel Metal Matrix Composite Materials

Message from the Guest Editors

Metal matrix composites, which integrate a metallic base with reinforcing phases, represent a transformative advancement in materials science. The scientific significance of novel metal matrix composites lies in their potential to revolutionize industries demanding lightweight, high-performance materials. By advancing novel metal matrix composites, scientists not only push the frontiers of material science but also directly contribute to sustainable technological progress. This Special Issue aims to advance the understanding and innovation of metal composites by exploring cutting-edge strategies in material design, fabrication technologies, performance optimization, and specific applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- Material design and innovation.
- Advanced manufacturing techniques.
- Special physical and chemical properties.
- Mechanical and functional properties.
- Applications in catalysis, energy, sensing, electromagnetic wave absorption, etc.

Guest Editors

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Inorganic chemistry remains a lynchpin of modern chemistry, not only embracing the function and reactivity of combinations of most elements of the periodic table, but also providing a footing for studies of materials, catalysts, drugs, fuels and industrial chemicals. Arguably, the role and reach of inorganics in society have never been as great as today. Adventurous research at the heart and at the extremes of inorganic chemistry is vital to further advances and Inorganics offers authors the opportunity to publish exciting new research in an open access format.

Editor-in-Chief

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