



metals



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Design and Development of Metal Matrix Composites

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This Special Issue presents recent advancements in the design, fabrication, and characterization of metal matrix composites (MMCs), highlighting their growing importance in high-performance structural and functional applications. It includes original research focused on innovative processing techniques such as powder metallurgy, additive manufacturing, and casting, as well as investigations into microstructural behavior, mechanical properties, and tribological performance. The contributions offer valuable insights into how MMCs can be tailored for demanding environments in sectors such as aerospace, automotive, and energy. By addressing both theoretical developments and practical implementations, this Special Issue provides a comprehensive overview of current trends and future directions in the field of MMCs.



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