

Special Issue

Metal Matrix Composites

Message from the Guest Editor

Metal matrix composites (MMCs) have attracted growing interest as alternatives for metallic alloys due to their high strength-to-weight ratio, high temperature stabilities, and unique thermal/electrical/chemical properties. Furthermore, properties of MMCs can be tailored by manipulating the morphology, size, orientation, and fraction of reinforcement on the basis of a wide range of materials combination, which open new opportunities in a variety of applications of daily life. This Special Issue, "Metal Matrix Composites", will address advances in materials science, processing, material modeling and characterization, performance, and testing of metal matrix composites for a variety of applications, including automotive, aerospace, defense, electrical, electronic, energy, and biomedical applications. This Special Issue also welcomes articles and reviews on practical applications of advanced MMCs. Keywords

- metal matrix composites
- process
- properties
- microstructures

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Materials (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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