

Special Issue

Processing and Characteristics of Metal Matrix Composites

Message from the Guest Editors

The increasing demand for high performance in the aerospace, automotive, electronics, and energy industries has pushed researchers into exploring novel solutions. Metal matrix composites can achieve great mechanical, thermal, and functional properties, thereby suiting advanced engineering applications. We are pleased to announce this Special Issue, entitled “Processing and Characteristics of Metal Matrix Composites”. This collection aims to collect state-of-the-art research articles and comprehensive review papers in the field of metal matrix composites. This Special Issue welcomes the submission of high-quality research in this field, focusing on material design, microstructural characteristics, performance characterization, multi-scale microstructure modelling, processing techniques, and innovative application in engineering. All articles published in this Special Issue are subject to careful editorial selection. We intend for this Special Issue to provide a forum for disseminating excellent research findings and sharing innovative ideas in the field.

Guest Editors

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About the Journal

Message from the Editorial Board

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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