Special Issue

New Insight of Powder Metallurgy: Microstructure, Durability and Mechanical Properties

Message from the Guest Editors

We would like to invite submissions to this Special Issue of *Materials* that focuses on the fundamental and applied aspects of materials fabrication using powder metallurgy technologies and their properties. The powder metallurgy technologies offer flexibility for the materials, microstructure and design, as major fractions of the material remain in the solid state and even insoluble material combinations could be employed. Papers dealing with sintering, the process parameters, influence of innovative methods of preparation such as electric current assisted sintering, microwave radiation or lasers, fully compacted materials or porous preforms or even foams are also of this Special Issue interests. Finally, in this Special Issue, also articles that focus on additive manufacturing preparation from powders are highly welcome. We hope to receive high-quality articles, communications, and reviews reporting advancements in the fascinating field of powder metallurgy.

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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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