Special Issue

New Insight of Powder Metallurgy: Microstructure, Durability and Mechanical Properties—2nd Edition

Message from the Guest Editors

We would like to invite submissions to the second edition of this Special Issue of *Materials* focusing on the fundamental and applied aspects of novel materials fabrication using powder metallurgy technologies and their properties. Powder metallurgy technologies offer flexibility in materials, microstructure and design, as major fractions of the material remain in the solid state and even insoluble material combinations can be employed. Powder metallurgy methods are used for the manufacturing of materials where other property and shaping technologies cannot be applied. A key example is the additive manufacturing of materials from powders. Papers dealing with sintering; process parameters; the influence of innovative preparation methods such as electric-current-assisted sintering, microwave radiation or lasers; and fully compacted materials or porous preforms or foams are of interest to this Special Issue. We hope to receive high-quality articles, communications, and reviews reporting advancements in the fascinating field of powder metallurgy.

Guest Editors

Dr. Jaroslav Kováčik

Dr. Anchalee Manonukul

Prof. Dr. Pasquale Cavaliere

Deadline for manuscript submissions

20 February 2026

Materials

an Open Access Journal by MDPI

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/198034

Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

mdpi.com/journal/materials

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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