

Special Issue

Recent Application of Powder Metallurgy Materials

Message from the Guest Editors

The earliest large-scale industrial application of powder metallurgy (P/M) involved the production of tungsten filaments for light bulbs in the beginning of the 20th century. Since then, P/M technology has been increasingly used to manufacture a wide variety of structural parts, tools and specialty materials. Powder metallurgy has also become the method of choice for creating composites. It enables the production of materials that cannot otherwise be obtained, such as some electrical contacts (W-Cu, W-Ag, Cr-Cu and Cu-C), cemented carbides (WC-Co and WC-TiC-Co), self-lubricant bearings, filters and flame arrestors, metal matrix friction materials, magnets, etc. This Special Issue is addressed to all P/M specialists, from both industry and academia, who are willing to share knowledge about new sintered materials, their areas of application and the latest innovations in P/M processing techniques.

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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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