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Micromanufacturing of Metallic Materials

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submissions:
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Message from the Guest Editors

Product miniaturization is a trend for facilitating product usage, enabling product functions to be implemented in microscale geometries, and aimed at reducing product weight, volume, cost and pollution. Driven by ongoing miniaturization in diverse areas including medical devices, precision equipment, communication devices, micro-electromechanical systems (MEMS) and micro fluidics systems (MFS), the demands for micro products have been tremendously increased. Such a trend requires development of advanced micromanufacturing technology for producing high-quality micro products with excellent dimensional tolerances, required mechanical properties and improved surface quality. With the increasing demand for miniaturized products and rapid development of science and technology, a lot of new micromanufacturing technologies have been successfully developed in recent years.

This Special Issue provides an excellent opportunity for those who are studying and working with metallic micro products and their micromanufacturing technologies. Research articles, review articles and communications relating to micromanufacturing of metallic materials are all invited for this Special Issue.



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Special Issue



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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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