Topical Collection

Alloy and Process Development of Light Metals

Message from the Collection Editors

Over the last few decades, we have witnessed very successful research activities in alloy and process design of light metals. This is certainly due to a significant increase in the use of light metals in various areas. The main focus of the forthcoming Special Issue "Alloy and Process Development of Light Metals" is to present an up-to-date overview of new developments in academia and industry. Recent advances in the science and technology of aluminum, magnesium, and titanium alloys will be addressed in various topics, which include advanced alloy design, simulation and modeling, processing innovations, novel forming and joining technologies, corrosion and surface modifications, quality assurance, as well as sophisticated examples of successful applications in light-weight constructions, energy technologies, and medicine. It is our pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are all welcome.

Collection Editors

Prof. Dr. Stefan Pogatscher

Montanuniversitaet Leoben, Chair of Nonferrous Metallurgy, A-8700 Leoben, Austria

Prof. Dr. Peter J. Uggowitzer

ETH Zurich Metal Physics and Technology Department of Materials HCI J494, Vladimir-Prelog-Weg 1-5/10, CH-8093 Zurich, Switzerland

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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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