

Special Issue

Advanced Liquid Metals for Energy Storage and Biomedical Applications

Message from the Guest Editors

Liquid metals (including Ga, Ga-In, Ga-Sn, Ga-In-Sn, Na-K, etc.) are considered to be promising materials for high-performance rechargeable batteries and flexible devices, as well as other biomedical applications.

Distinctive features of these liquid metals, including instant self-healing, excellent electric conductivity, and/or low toxicity, have resulted in exciting findings in a wide variety of research areas. Meanwhile, challenges including interface wettability, device stability, and/or biological biocompatibility still hinder the wide application of liquid metals. Therefore, developing a rational material design and an in-depth mechanism understanding of liquid metals is very important and highly desirable.

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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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