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Advanced Liquid Metals for Energy Storage and Biomedical Applications

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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

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