



Showcasing research from Professor Zhong-Shuai Wu's laboratory, Dalian Institute of Chemical Physics, Chinese Academy of Sciences, Dalian, China.

The status and challenging perspectives of 3D-printed micro-batteries

In this work, Zhong-Shuai Wu, Shuanghao Zheng and co-workers summarize the latest advances in 3D-printed micro-batteries. They discuss the connection between printable materials and printing techniques, general approaches to make battery modules printable, as well as rational design considerations. Furthermore, upcoming challenges are addressed together with further research directions in terms of novel functional materials, advanced printing technologies, new device designs, reaction mechanisms, and new integrated micro-systems.

As featured in:



See Shuanghao Zheng, Zhong-Shuai Wu *et al.*, *Chem. Sci.*, 2024, 15, 5451.