



## Advanced Low Dimensional Materials for Battery Applications

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Deadline for manuscript  
submissions:

**closed (10 May 2023)**

### Message from the Guest Editor

Dear Colleagues,

This Special Issue focuses on recent progress and developments in advanced low-dimensional materials (LDMs) for energy storage applications in batteries. Through their unique structures, LDMs provide the opportunity to significantly enhance the electronic, optical, thermal, mechanical and chemical properties of materials. Battery technologies utilizing LDMs possess enormous potential to improve performance and reduce fabrication costs.

Potential topics include but are not limited to:

- 0D materials: nanoparticles, nanospheres and quantum dots;
- 1D materials: nanotubes, nanofibers and nanowires;
- 2D materials: graphene, MXenes and TMDs;
- Primary batteries, secondary batteries, redox flow batteries





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## Message from the Editor-in-Chief

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