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## Flexible Sensors and Supercapacitors Based on Carbon Nanotubes and Graphene

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Deadline for manuscript submissions:

**closed (20 June 2022)**

### Message from the Guest Editors

The scope of this Special Issue is to bring together current developments in flexible sensors and flexible supercapacitors with an emphasis on flexible active platforms enabled by carbon nanotubes and graphene. The scope also includes fabrication strategies of flexible/stretchable sensors as well as supercapacitors, new device design, integration, and their implementations in different applications.

- Flexible/stretchable sensors;
- Flexible/stretchable supercapacitors;
- Carbon nanotubes;
- Graphene and related materials;
- Synthesis techniques for flexible sensors/supercapacitors;
- Engineering strategies for flexible sensors/supercapacitors;
- Micro-patterned (MEMS) based flexible sensors/supercapacitors;
- Carbon nanotubes as a flexible scaffold for sensing probe/pseudocapacitive materials;
- Graphene as a flexible scaffold for sensing probe/pseudocapacitive materials;
- Self-powered sensors coupled with supercapacitors;
- Hybrid forms—graphene/carbon nanotubes with functionalization/doping;
- The state of the art and future prospects: problems and possible solutions.



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# Special Issue



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## Editor-in-Chief

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## Message from the Editor-in-Chief

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