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Advances in Energy Materials for Sensing Applications

Guest Editor:

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Deadline for manuscript submissions:
closed (20 December 2023)

Message from the Guest Editor

Dear Colleagues,

Energy materials are particular materials that can participate in energy conversion or storage and provide the required energy, such as electrochemical materials, photovoltaic materials, and piezoelectric materials. Energy materials for sensors can convert light, thermal energy, mechanical energy, etc., in nature into electrical or other energy to produce signals and/or supply power for the sensing system.

The aim of this Special Issue is to present high-quality original research articles, methods, opinions, perspectives, and reviews on the frontiers of energy materials for sensor applications. Original contributions from both academia and industry are welcome. Topics may include, but are not limited to:

- The design, synthesis, and characterization of energy materials for sensing applications, including piezoelectric materials, electrochemical materials, photovoltaic materials, etc;
- Manufacturing techniques of sensors or sensing applications;
- Testing and application of sensors;
- Advanced sensing technologies.

Kind regards,

Prof. Dr. Hui Wang

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Message from the Editor-in-Chief

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