



Feature Papers in Advanced Energy Materials

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Message from the Collection Editor

Dear Colleagues,

Advanced energy materials are crucial for the required technology breakthroughs in the transformation of the global energy sector from fossil-based to zero-carbon. There is a continuous effort on research and development for novel and improved materials applied in energy generation, low energy processing, energy conservation and conversion that supports the energy transition.

In this Topical Collection, papers selected by invitation (publication fees waived) will be featured, covering interesting advances in materials for energy storage and conversion applications including:

- Energy to chemicals;
- Energy related catalysis;
- Thermoelectrics, photovoltaics, and photo-electrosynthesis cell;
- Waste heat recovery and thermal energy management;
- Batteries, electrolytes and electrodes;
- Fuel cells;
- New inorganic, hybrid, bioinspired and bioderived materials.





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Message from the Editor-in-Chief

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