

## Special Issue

# Key Functional Materials for Sustainable Energy-Related Applications

### Message from the Guest Editors

Currently, the critical topic of sustainable energy and environment has attracted unprecedented attention, on which key functional materials have burdened. The target of a sustainable energy and environment future therefore gives a top priority to develop key functional materials for key underpinning technological solutions of sustainable energy-related technologies, including but not limited to water splitting, rechargeable batteries, N<sub>2</sub>/CO<sub>2</sub> fixation, supercapacitors and etc. This Special Issue focuses on current developments and frontier fundamental research of key functional materials in sustainable energy-related technologies. The special issue is open to contributors in all cross fields of materials science and sustainable energy. We invite submissions of novel and original research article, reviews, minireviews, focus article, feature article, perspectives that might contribute to scientific insight in the above themes.

Prof. Dr. John Wang

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### Guest Editors

Prof. Dr. John Wang

Dr. Zongkui Kou

Prof. Dr. Francis Verpoort

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### Deadline for manuscript submissions

closed (25 August 2021)



## Energies

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## About the Journal

### Message from the Editor-in-Chief

*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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### Editor-in-Chief

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