Special Issue

The Materials for Energy Storage and Conversion

Message from the Guest Editors

With the gradual consumption of fossil energy, it is urgent to develop new energy technologies to achieve the supplement of energy demand. In addition, a number of potential energy storage and conversion technologies/materials have emerged in recent research processes, including photocatalysis, electrocatalysis, bioconversion, and thermal catalysis. These technologies/materials can effectively deal with the current energy problems, promote the rapid development of energy storage and conversion technologies/materials, solve environmental problems to a certain extent, and promote the orderly development of society. The purpose of this Special Issue is to present and disseminate the latest advances related to theoretical research, preparation, characterization, and application of various energy storage and conversion technologies/materials.

Guest Editors

Dr. Sihan Ma

Dr. Binglin Chen

Dr. Xingyong Li

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Energies
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
energies@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

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