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Advanced Materials for Sustainable Energy Applications

Guest Editors:

Dr. Shuhai Liu
School of Materials and Energy, Lanzhou University, Lanzhou 730000, China

Dr. Zheng Wang
School of Advanced Materials and Nanotechnology, Xidian University, Xi'an 710126, China

Dr. Leixin Meng
Research Center for Intelligent Sensing, Zhejiang Lab, Hangzhou 311100, China

Deadline for manuscript submissions:
closed (11 July 2023)

Message from the Guest Editors

Dear Colleagues,

Society is still mostly powered by fossil fuels. An urgent requirement for sustainable energy and new energy conversion technologies that could provide humanity with a safe and sustainable future after the oil storage has gone. Materials with new structures and new functions have the greatest potential impact on the field of energy. Major advances in materials can give clean energy resources, as well as sustainable development that can play a significant role in providing new methods for collecting energy from different resources with less cost. This issue is dedicated to emerging applications of advanced materials in the areas of sustainable energy such as batteries, solar cells, fuel cells, nanogenerators, and energy storage devices. The main motivation behind this issue is to publish feature research in the abovementioned fields which are of importance to academic researchers, materials scientists, environmentalists, and industrialists.

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Dr. Zheng Wang
Dr. Leixin Meng
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Editor-in-Chief

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

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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Journal Rank: CiteScore - Q1 (Control and Optimization)

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Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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