Special Issue

Application of Composite Materials for Energy Devices

Message from the Guest Editor

Fiber-reinforced composite materials exhibit unique physicochemical properties that cannot be obtained with individual components acting alone. Composite materials have been widely used for energy storage and conversion devices due to their lightweight, high specific stiffness, strength and multifunctional capacities. Applications for energy storage include flywheel rotor, multifunctional structural energy storage, thermal storage, high pressure tanks, and applications for energy generators include wind turbine, wave and tidal energy devices.

This current Special Issue focuses on the most recent advances in design, manufacturing processes and applications of energy storage and generators using fiber-reinforced composite materials.

Guest Editor

Prof. Dr. Sung Kyu Ha

Hanyang Structures and Composites Lab (HSCL), Department of Mechanical Convergence Engineering, Hanyang University, 222 Wangsimni-ro, Seongdong-gu, Seoul 04763, Republic of Korea

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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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