

Special Issue

Energy and Green Technology

Message from the Guest Editors

Energy and green technology advancement has been one of the most important fields of study in recent years due to high energy demand, an increase in population and environmental issues related to using fossil fuels. As such, there is a need for an integrated system for product manufacturing to achieve a green, resource-efficient and low-carbon economy. Green hydrogen production; carbon capture and utilisation; gasification and pyrolysis of biomass and different feedstocks; and renewable and sustainable energies such as solar, geothermal, and wind are subjects that have attracted much attention from scholars. The application of MOFs as storage media and batteries to save produced energy is another area of study. This Special Issue on “Energy and Green Technologies” seeks high-quality works focusing on the latest relevant studies. Topics include, but are not limited to:

- Carbon capture, utilisation and storage (CCUS);
- Green technology to produce renewable fuels such as methanol and hydrogen;
- Energy conversion and storage technologies such as SOFC and batteries;
- Zero-emissions technologies.

Guest Editors

Dr. Tohid N. Borhani

Dr. Fideline Tchuente-Magaia

Dr. Amin Mahmoudzadeh Andwari

Deadline for manuscript submissions

closed (20 November 2022)



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

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Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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