

Special Issue

Novel Reactors Design, Characterization and Analysis for Catalytic Processes for Energy Applications

Message from the Guest Editors

Meeting the requirements of growing industrial production and environmental protection currently poses a significant challenge for reactor designers. Catalytic processes are particularly important, as they can be applied to a variety of energy applications, from traditional fossil fuel production to new, sustainable energy technologies such as hydrogen fuel. Catalytic processes play a key role in shaping energy systems, increasing their efficiency, selectivity, and sustainability. We are pleased to invite you to contribute to a Special Issue dedicated to the exploration, development, optimization, and testing of catalytic reactors, including catalysts and supports, with a particular focus on energy applications. We are seeking papers that offer innovative approaches, extensive validation studies, and practical applications, promoting insightful discussion in this field. Broad contributions, including experimental and computational studies, would be valuable subjects of this Special Issue.

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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.

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