Special Issue

Petroleum Chemistry and Processing

Message from the Guest Editors

Petroleum, the lifeblood of industry, plays irreplaceable roles in industrial development, national defense, human necessities, etc. Despite its nonrenewable property, petroleum still has a dominant position in the market of chemical engineering, because it is a vast treasure trove of not only energies but also chemicals. For the efficient and clean utilization of petroleum, it is urgent to obtain in-depth cognitions and develop advanced methodologies to guide the directional optimization of petroleum processing. In recent years, petroleomics has been well-developed. It has become a trend to characterize, understand, process, model, and manage petroleum at the molecular level. The study of petroleomics is pushing petroleum science and industry to a new pinnacle in the modern world. This Special Issue aims to present and disseminate the most recent advances related to petroleomics, petroleum characterization, petroleum chemistry, petroleum processing, petroleum properties, and petroleum modeling.

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Deadline for manuscript submissions

closed (8 September 2023)



Energies

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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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