

## Special Issue

# Hydrocarbon Accumulation Process and Mechanism

### Message from the Guest Editors

This Special Issue mainly intends to address the following scientific issues: the sources and origins of hydrocarbons, charging periods and processes of reservoirs, occurrence and enrichment of hydrocarbons, and the evolution and transformation of hydrocarbon reservoirs. This research topic mainly includes three research directions: (1) Hydrocarbon accumulation processes and mechanisms of deep reservoirs and deep-sea reservoirs; (2) Hydrocarbon accumulation processes and mechanisms of the reservoirs in multi-source petroleum systems; (3) Hydrocarbon accumulation processes and mechanisms of unconventional reservoirs, including shale oil and gas reservoirs, tight oil and gas reservoirs, coalbed methane reservoirs, etc. Keywords:

- charging process of reservoir
- hydrocarbon accumulation
- deep reservoirs
- multi-source petroleum systems
- unconventional reservoirs

### Guest Editors

Dr. Peng Cheng

Prof. Dr. Qingyong Luo

Dr. Huairan Cao

Dr. Bin Cheng

Dr. Haifeng Gai

### Deadline for manuscript submissions

closed (3 November 2023)

## Energies

an Open Access Journal  
by MDPI

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/si/120297](https://mdpi.com/si/120297)

*Energies*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[energies@mdpi.com](mailto:energies@mdpi.com)

[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)



---

# Energies

---

an Open Access Journal  
by MDPI

---

Impact Factor 3.2  
CiteScore 7.3



[mdpi.com/journal/  
energies](https://mdpi.com/journal/energies)

## About the Journal

### 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

---

### Author Benefits

#### Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

#### High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

#### Journal Rank:

CiteScore - Q1 (Control and Optimization)