Special Issue

Organic Petrology and Geochemistry: Exploring the Organic-Rich Facies

Message from the Guest Editors

A multidisciplinary approach integrating organic petrology and geochemistry is key to understanding organic-rich facies in sedimentary basins. These facies are shaped by factors such as primary productivity, organic matter input, redox conditions, and sedimentation rates. By examining both organic and inorganic facies across basins, we gain insights into the diagenetic processes that affect organic matter preservation and transformation, particularly kerogen types and pathways. This understanding is critical for evaluating hydrocarbon reservoirs and source rocks, especially in the context of "advantaged hydrocarbons" in the energy transition. This Special Issue invites contributions that explore the relationships between organic matter, depositional environments, thermal maturity, and the interactions between organic and inorganic components in sedimentary basins. We welcome multidisciplinary studies using petrographic and geochemical techniques to investigate these complex processes.

Guest Editors

Dr. Paula Alexandra Gonçalves

1. LAFO—Laboratório de Palinofácies & Fácies Orgânica, Departamento de Geologia, Instituto de Geociências, Universidade Federal do Rio de Janeiro, Rio de Janeiro, Brazil
2. Institute of Earth Sciences—Porto Pole, Faculdade de Ciências, Universidade do Porto, Porto, Portugal

Dr. Qian Zhang

British Geological Survey, Nottingham, UK

Deadline for manuscript submissions

30 January 2026

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/216948

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

mdpi.com/journal/minerals

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/journal/minerals

About the Journal

Message from the Editor-in-Chief

Minerals welcomes submissions that report basic and applied research in mineralogy. Research areas of traditional interest are mineral deposits, mining, mineral processing and environmental mineralogy. The journal footprint also includes novel uses of elemental and isotopic analyses of minerals for petrology, geochronology and thermochronology, thermobarometry, ore genesis and sedimentary provenance. Contributions are encouraged in emerging research areas such as applications of quantitative mineralogy to the oil and gas, manufacturing, forensic science, climate change, geohazard and health sectors.

Editor-in-Chief

Prof. Dr. Leonid Dubrovinsky
Bayerisches Geoinstitut, University Bayreuth, D-95440 Bayreuth, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), GeoRef, CaPlus / SciFinder, Inspec, Astrophysics Data System, AGRIS, and other databases.

Journal Rank:

JCR - Q2 (Mining and Mineral Processing) / CiteScore - Q1 (Geology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.2 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

MDPI