Special Issue

Historical Mineral Pigments

Message from the Guest Editors

In historic paintings, in-depth studies are required to focus on pigment–(organic) binder interaction under diverse exposure scenarios; (urban and marine) air pollution-induced weathering; mitigation protocols so as to retard the photodegradation of pigments contained in paintings; biodeterioration due to microorganisms or insect debris, as well as the impact of airborne organic particles; pigment susceptibility to weathering considering its morphology, associated impurities, and particle size, with special attention to the presence of nanoparticles; detailed characterization of carbon-, clay- and earth-pigments; radiation damage during analysis; effects of surface cleaning and protection treatments; and application of novel analytical methodologies based on hyphenated techniques that offer remarkable advantages in the analysis of complex paintings (hybrid composite materials). All of these topics are welcome to be tackled in this Special Issue.

Guest Editors

Prof. Dr. Carolina Cardell

Department of Mineralogy and Petrology, University of Granada, Granada, Spain

Dr. Santiago Pozo-Antonio

Department of Natural Resources Engineering and Environment, University of Vigo, 36310 Vigo, Spain

Deadline for manuscript submissions

closed (10 August 2020)

Minerals

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 4.4

mdpi.com/si/27018

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