Special Issue

Spectral Behavior of Mineral Pigments, Volume II

Message from the Guest Editors

The knowledge of the chemical and physical properties of materials and of the modifications, alterations and interactions to which they undergo is based on the study of their spectral behavior. Among the materials, mineral pigments, in their natural and synthetic form, are a research subject of great interest. Their features, such as to have an own color or the capability of changing the optical and physical properties of the materials to which they are added, make them extensively employed in a wide range of applications. The aim of this Special Issue is to highlight researches on the spectral behavior of mineral pigments in all the spectral ranges (X-rays, ultraviolet, visible, infrared, etc.) carried out with conventional or advanced techniques or methods. This special issue encourages to submit papers on several topics such as geology, archaeometry, coatings, cosmetics, chemical industry, orthopaedic engineering, nanomaterials, etc.

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Deadline for manuscript submissions

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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.

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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).

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