



Biominerals and Bio-Inspired Materials

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Message from the Guest Editors

This Special Issue is an opportunity for the collection of state-of-the-art studies on i) new analytical approaches to characterize biominerals and their formation in humans, animals, plants, and microbes; ii) the resolution of structure–property relationships; and iii) the development of bioinspired materials.

We seek contributions from diverse approaches and perspectives, such as direct observation, molecular-scale insights into nucleation and growth, in vitro precipitation experiments, in vivo studies of biomineral-producing organisms, and inference from natural archives.

Deadline for manuscript
submissions:

closed (26 August 2022)





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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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