



minerals



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Feature Papers in Biomineralization and Biominerals

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Deadline for manuscript
submissions:

closed (31 December 2023)

Message from the Guest Editors

Biomineralization is the process leading to the formation of biominerals by organisms. Thus, the structure and composition of such biominerals are dependant upon the producing organisms. This Special Issue will contain invitation-only original research and review articles from prominent researchers in the field, covering a range of topics from the structure to the composition of mineral and organic components of plants, fungi, algae, vertebrates and invertebrates. Methods for characterizing biominerals at the macro, micro, nano and atomic levels are included. Contributions from researchers working on fundamental research and/or applications in biology, medicine, inspired biomaterials, evolution, diagenesis, (palaeo)environmental reconstructions, (palaeo)biodiversity, etc., based on modern and ancient (fossil) biominerals, are welcome.



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Special Issue



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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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