Physics and Chemistry of Minerals

Editors: C. McCammon; M. Rieder; T. Tsuchiya; L. Dobrzhinetskaya

- International coverage of physical and chemical studies on minerals or solids related to minerals
- Applies modern techniques, new theories and models to interpret atomic structure, physical and chemical properties
- Covers chemical bonding, compressibility, thermal expansion and fundamental properties, and more
- Explores new techniques in electron microscopy, computational methods
- 95% of authors who answered a survey reported that they would definitely publish or probably publish in the journal again

Physics and Chemistry of Minerals is an international journal devoted to publishing articles and short communications of physical or chemical studies on minerals or solids related to minerals. Coverage emphasizes applications of modern techniques or new theories and models to interpret atomic structures and physical or chemical properties of minerals. The range of topics includes relationships between atomic structure and crystalline state; general solid state spectroscopy; experimental and theoretical analysis of chemical bonding in minerals; physical properties; relations between thermal expansion, compressibility, elastic constants, and fundamental properties of atomic structure, particularly as applied to geophysical problems; electron microscopy in support of physical and chemical studies; computational methods in the study of the structure and properties of minerals; mineral surfaces, and more.

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