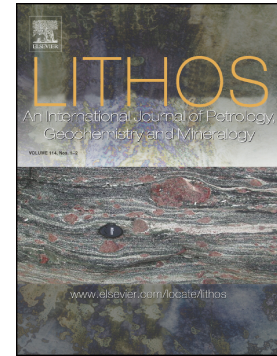


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Insights into the evolution of an alkaline magmatic system: an in situ trace element study of clinopyroxenes from the Ditrău Alkaline Massif, Romania

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Abstract

Clinopyroxene is a major constituent in most igneous rock types (hornblende, diorite, syenite, nepheline syenite, camptonite, tinguaitite and ijolite) of the Ditrău Alkaline Massif, Eastern Carpathians, Romania. Phenocryst and antecryst populations have been distinguished based on mineral zoning patterns and geochemical characteristics. Major and trace element

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