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M. Satish-Kumar Editor-in-Chief

Vol. 119, Issue 1, 2024 Original Articles

Fluorite alignments cutting metasomatic textures in trachyte feldspars from Oki-Dogo Island, Sea of Japan. Satoshi NAKANO.

Petrogenesis of Josoji rhyolite and intrusive rocks of NEShimane Peninsula, SW Japan: implication on Miocene volcanism related to back-arc rifting in San'in region. Sara AL-BUSAIDI, Atsushi KAMEI, Sasidharan A. SILPA.

Ezochiite, $Cu^+(Rh^{3+}Pt^{4+})S_4$, a new mineral in the thiospinel group from Hokkaido, Japan. Daisuke NISHIO-HAMANE, Katsuyuki SAITO.

Petrography and Rb-Sr mineral age of mafic dyke rock from Niban Iwa, Lützow-Holm Complex, East Antarctica. Tomoharu MIYAMOTO, Katsuyuki YAMASHITA, Daniel J. DUNKLEY, Toshiaki TSUNOGAE, Mutsumi KATO.

Grain growth of camphor as a rock analogue: microstructural development and grain growth law. Junichi ${\tt FUKUDA}.$

Geochemistry of granulitic rocks from the western Madurai Block, Southern Granulite Terrain, India and its Madagascar linkage. Asha P. ANU-SHA, Kalthilparambil R. BAIJU, Kandathil A. JUSTINE.

Cathodoluminescence mineralogy of Ca-rich plagioclase in experimentally shocked Stillwater gabbronorite. Rei KANEMARU, Akira YAMAGUCHI, Toshimori SEKINE, Naoya IMAE, Hirotsugu NISHIDO, Takamichi KOBAYASHI.

Low reactivity of stoichiometric FeS with hydrogen at high-pressure and high-temperature conditions. Masahiro TAKANO, Hiroyuki KAGI, Yuichiro MORI, Katsutoshi AOKI, Sho KAKIZAWA, Asami SANO-FURUKAWA, Riko IIZUKA-OKU, Taku TSUCHIYA.

Characterization of the Oman ophiolite peridotites using the relationship between clinopyroxene Nd isotopic ratios and spinel compositions. Masako YOSHIKAWA, Mohamed Zaki KHEDR, Akihiro TAMURA, Shoji ARAI.

Shiranuiite, $Cu^+(Rh^{3+}Rh^{4+})S_4$, a new mineral in the thiospinel group from Kumamoto, Japan. Daisuke NISHIO-HAMANE, Takahiro TANAKA, Tadashi SHINMACHI.

Chemical composition, crystal structure and spontaneous polarization of swedenborgite. Kei-ichiro MURAI, Akira YOSHIASA, Satoko ISHIMARU, Mayu YOSHIHARA, Ginga KITAHARA, Makoto TOKUDA, Hidetomo HONGU, Koichi MOMMA, Kazumasa SUGIYAMA.

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Polymorphism and morphology of calcium carbonate minerals precipitated in the presence of low-molecular-weight organic acids with different numbers of carboxyl group at 40-80 °C. Motoharu KAWANO, Yasuyuki KOYAMA.

Fluorescence spectroscopy of opal from the Shikaribetsu area, Shikaoi, Hokkaido. Toshifumi IIMORI, Yuna FUJII, Hina NAKANISHI.

Aluminosugilite and norrishite from the Funakozawa mine, Iwate Prefecture, Japan. Daisuke NISHIO-HAMANE, Mariko NAGASHIMA, Yuki MORI, Yoshiya OHKI, Yasumitsu SUZUKI.

Formation and alteration of a zoned calcsilicate vein from the contact aureole of Kasuga area, central Japan: insights from thorianite and uraninite chemical ages. Shunsuke ENDO.

Miyawakiite-(Y), $\Box Y_4Fe_2(Si_8O_{20})(CO_3)_4(H_2O)_3$, a new mineral from Suishoyama, Kawamata Town, Fukushima Prefecture, Japan. Daisuke NISHIO-HAMANE, Koichi MOMMA, Norimasa SHIMOBAYASHI, Masayuki OHNISHI, Toshinori KOBAYASHI.

Zircon U-Pb ages and geochemical characterization of granitic mylonites in the Northern Zone of the Maizuru Belt, northern Okayama area, Southwest Japan. Tatsuya HARADA, Kosuke KIMURA, Yasutaka HAYASAKA, Kenta KAWAGUCHI.

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Petrogenesis and U-Pb zircon geochronology of alkali volcanic rocks in the Akiyoshi Terrane, SW Japan and their origin. Kosuke KIMURA, Yasutaka HAYASAKA, Kaushik DAS.

Letters

Cathodoluminescence and Ti contents of wollastonite from Tadano, Fukushima Prefecture, Japan. Yasuyuki BANNO.

A cristobalite-bearing syenitic enclave in a drift pumice derived from the 2021 eruption of Fukutoku-Oka-no-Ba. Kenta K. YOSHIDA, Hikaru SAWADA, Yu MARUYA, Wataru MATSUDA.

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New approach to obtain the correct chemical compositions by absorption correction using analytical transmission electron microscopy. Kiyoshi FUJINO, Naotaka TOMIOKA, Hiroaki OHFUJI.

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