

Apatite in early Archean Isua supracrustal rocks, southern West Greenland : its origin, association with graphite and potential as a biomarker

Lepland, Aivo; Arrhenius, Gustaf; Cornell, David Precambrian research 2002 / p. 221-241 : ill [https://doi.org/10.1016/S0301-9268\(02\)00106-7](https://doi.org/10.1016/S0301-9268(02)00106-7)

A geochronological review of magmatism along the external margin of Columbia and in the Grenville-age orogens forming the core of Rodinia

Johansson, Ake; Bingen, Bernard; Huhma, Hannu; Waight, Tod; Vestergaard, Rikke; **Soesoo, Alvar**; Skridlaite, Grazina; Krzeminska, Ewa; Shumlyansky, Leonid; Holland, Mark E. Precambrian research 2022 / art. 106463, p. 1-43 : ill <https://doi.org/10.1016/j.precamres.2021.106463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Halogen chemistry and hydrogen isotopes of apatite from the >3.7 Ga Isua supracrustal belt, SW Greenland

Wudarska, Alicja; Wiedenbeck, Michael; Slaby, Ewa; **Lepland, Aivo** Precambrian research 2018 / p. 153-164 : ill <https://doi.org/10.1016/j.precamres.2018.02.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

High-CO₂, acidic and oxygen-starved weathering at the Fennoscandian Shield at the Archean-Proterozoic transition

Soomer, Sigrid; Somelar, Peeter; Mänd, Kaarel; Driese, Steven G.; **Lepland, Aivo**; Kirsimäe, Kalle Precambrian research 2019 / p. 68-80 : ill <https://doi.org/10.1016/j.precamres.2019.03.001>

Oxygenated conditions in the aftermath of the Lomagundi-Jatuli Event: The carbon isotope and rare earth element signatures of the Paleoproterozoic Zaonega Formation, Russia

Kreitsmann, Timmu; Lepland, Aivo; Bau, M.; Prave, A.R.; Paiste, Kärt; Mänd, Kaarel; Sepp, Holar; **Martma, Tõnu**; **Romashkin, A.E.**; Kirsimäe, Kalle Precambrian research 2020 / art. 105855, 16 p. : ill <https://doi.org/10.1016/j.precamres.2020.105855> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Redox fluctuations, trace metal enrichment and phosphogenesis in the ~2.0 Ga Zaonega Formation

Kipp, Michael A.; **Lepland, Aivo**; Buick, Roger Precambrian Research 2020 / Art. 105716 <https://doi.org/10.1016/j.precamres.2020.105716> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

A refined late-Cryogenian - Ediacaran earth history of South China: Phosphorous-rich marbles of the Dabie and Sulu orogens

Prave, Anthony R.; Meng, Fanwei; **Lepland, Aivo**; Kirsimäe, Kalle; Kreitsmann, Timmu; Jiang, Clancy Zhijian Precambrian research 2018 / p. 166-176 : ill <https://doi.org/10.1016/j.precamres.2017.11.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Trans-Baltic Palaeoproterozoic correlations towards the reconstruction of supercontinent Columbia/Nuna

Bogdanova, S.; Gorbatshev, R.; Skridlaite, G.; **Soesoo, Alvar** Precambrian research 2015 / p. 5-33 : ill <https://doi.org/10.1016/j.precamres.2014.11.023>