

1. Neoproterozoic kinematic metamorphic peak in the Isua supracrustal belt (West Greenland)

Eskenen, Benjamin (Department of Geoscience, Aarhus University, Aarhus C; 8000, Denmark); Fassmer, Kathrin; Münker, Carsten; Ulrich, Thomas; Szilas, Kristoffer; Wagner, Simon; Hoffmann, J. Elis; Nagel, Thorsten J. **Source:** *Geology*, v 51, n 11, p 1017-1021, 2023

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2. Detrital garnet petrology challenges Paleoproterozoic UHP metamorphism in western Greenland

Schoenig, Jan (Georg-August-Universitaet Goettingen, Geoscience Center, Goettingen, Germany); Benner, Carsten; Meinhold, Guido; von Eynatten, Hilmar; Luensdorf, Keno **Source:** *Geophysical Research Abstracts*, 25, *European Geosciences Union general assembly 2023*, 2023

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3. Rare earth elements (bio)leaching from zircon and eudialyte concentrates

Hedrich, Sabrina (Federal Institute for Geosciences and Natural Resources (BGR), Stilleweg 2, Hannover; 30655, Germany); Breuker, Anja; Martin, Mirko; Schippers, Axel **Source:** *Hydrometallurgy*, v 219, May 2023

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4. Drone-based magnetic and multispectral surveys to develop a 3D model for mineral exploration at Qullissat, Disko Island, Greenland

Jackisch, Robert (Helmholtz Institute Freiberg for Resource Technology, Department of Exploration, Helmholtz-Zentrum Dresden-Rossendorf, Freiberg, Germany); Heincke, Bjoern H.; Zimmermann, Robert; Sorensen, Erik V.; Pirttijaervi, Markku; Kirsch, Moritz; Salmirinne, Heikki; Lode, Stefanie; Kuronen, Urpo; Gloaguen, Richard **Source:** *Solid Earth (SE, Gottingen)*, 13, 4, 793-825, 2022 In Process

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5. Integrated UAV-based magnetics and image spectroscopy for mineral exploration; lessons learned from multi-sensor drones, the MULSEDRO project and its concluding campaign

Jackisch, Robert (Technische Universitaet Berlin, Geoinformation in Environmental Planning Lab, Berlin, Germany); Heincke, Bjoern Henning; Zimmermann, Robert; Saartenoja, Ari; Pirttijarvi, Markku; Salmirinne, Heikki; Sorensen, Erik Vest; Kirsch, Moritz; Lode, Stefanie; Gloaguen, Richard **Source:** *American Geophysical Union Fall Meeting, 2022, AGU 2022 fall meeting, 2022*

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6. Three-Dimensional, Km-Scale Hyperspectral Data of Well-Exposed Zn–Pb Mineralization at Black Angel Mountain, Greenland [\(Open Access\)](#)

Lorenz, Sandra (Division Exploration Technology, Helmholtz-Zentrum Dresden-Rossendorf, Helmholtz-Institute Freiberg for Resource Technology (HZDR-HIF), Chemnitz Straße 40, Freiberg; 09599, Germany); Thiele, Sam T.; Kirsch, Moritz; Unger, Gabriel; Zimmermann, Robert; Guarnieri, Pierpaolo; Baker, Nigel; Sørensen, Erik Vest; Rosa, Diogo; Gloaguen, Richard **Source:** *Data*, v 7, n 8, August 2022

Open Access type(s): All Open Access, Gold

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7. Paleozoic orogenies and relative plate motions at the sutures of the Iapetus-Rheic Ocean

Kroner, Uwe (Technische Universitaet Bergakademie Freiberg, Department of Geology, Freiberg, Germany); Stephan, Tobias; Romer, Rolf L., **Editors:** Kuiper, Yvette D.; Murphy, J. Brendan; Nance, R. Damian; Strachan, Robin A.; Thompson, Margaret D. **Source:** *Special Paper - Geological Society of America*, 554, 1-23, *New developments in the Appalachian-Caledonian-Variscan Orogen*, 2022

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8. Component decomposition based hyperspectral resolution enhancement for mineral mapping

Duan Puhong (Hunan University, College of Electrical and Information Engineering, Changsha, China); Lai Jibao; Ghamisi, Pedram; Kang Xudong; Jackisch, Robert; Kang, Jian; Gloaguen, Richard **Source:** *Remote Sensing*, 12, 18, 2020

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9. Chlorine isotope composition of apatite from the >3.7 Ga Isua supracrustal belt, SW Greenland

Wudarska, Alicja (Polish Academy of Sciences, Institute of Geological Sciences, Research Centre in Warsaw, Warsaw, Poland); Slaby, Ewa; Wiedenbeck, Michael; Birski, Lukasz; Wirth, Richard; Goetze, Jens; Lepland, Aivo; Kusebauch, Christof; Kocjan, Izabela **Source:** *Minerals (Basel)*, 10, 1, 2019 In Process

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10. Drone-borne hyperspectral and magnetic data integration; Otanmaki Fe-Ti-V deposit in Finland

Jackisch, Robert (Helmholtz-Zentrum Dresden-Rossendorf, Helmholtz Institute Freiberg for Resource Technology, Freiberg, Germany); Madriz, Yuleika; Zimmermann, Robert; Pirttijarvi, Markku; Saartenoja, Ari; Heincke, Bjorn H.; Salmirinne, Heikki; Kujasalo, Jukka-Pekka; Andreani, Louis; Gloaguen, Richard **Source:** *Remote Sensing*, 11, 18, 2019

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11. Developing multi-sensor drones for geological mapping and mineral exploration; setup and first results from the MULSEDRO project

Heincke, Bjorn (Geological Survey of Denmark and Greenland, Department of Glaciology and Climate, Copenhagen, Denmark); Jackisch, Robert; Saartenoja, Ari; Salmirinne, Heikki; Rapp, Sonke; Zimmermann, Robert; Pirttijarvi, Markku; Sorensen, Erik Vest; Gloaguen, Richard; Ek, Lisa; Bergstrom, Johan; Karinen, Arto; Salehi, Sara; Madriz, Yuleika; Middleton, Maarit, **Editors:** Christiansen, Flemming G. **Source:** *Geological Survey of Denmark and Greenland Bulletin, Review of Survey activities 2018*, 2019

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12. Radiometric correction and 3D integration of long-range ground-based hyperspectral imagery for mineral exploration of vertical outcrops

Lorenz, Sandra (Helmholtz Institute for Resource Technology, Division Exploration Technology, Freiberg, Germany); Salehi, Sara; Kirsch, Moritz; Zimmermann, Robert; Unger, Gabriel; Vest Sorensen, Erik; Gloaguen, Richard **Source:** *Remote Sensing*, 10, 2, 2018

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13. Integration of vessel-based hyperspectral scanning and 3D-photogrammetry for mobile mapping of steep coastal cliffs in the Arctic

Salehi, Sara (Geological Survey of Denmark and Greenland, Department of Petrology and Economic Geology, Copenhagen, Denmark); Lorenz, Sandra; Vest Sorensen, Erik; Zimmermann, Robert; Fensholt, Rasmus; Heincke, Bjorn Henning; Kirsch, Moritz; Gloaguen, Richard **Source:** *Remote Sensing*, 10, 2, 2018

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14. Stable isotopes in apatite; a case study from the >3.7 Ga Isua supracrustal belt, SW Greenland

Wudarska, Alicja (Polish Academy of Sciences, Institute of Geological Sciences, Warsaw, Poland); Wiedenbeck, Michael; Slaby, Ewa; Lepland, Aivo; Birski, Lukasz; Goetze, Jens; Simon, Klaus, **Editors:** Michalik, Marek; Tyszka, Rafal; Pietranik, Anna **Source:** *Mineralogia. Special Papers*, 47, 55, XXIVth meeting of the Petrology Group of the Mineralogical Society of Poland; abstracts and field trip guide, 2017

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15. Timing and metal sources for carbonate-hosted Zn-Pb mineralization in the Franklinian Basin (North Greenland); constraints from Rb-Sr and Pb isotopes

Rosa, Diogo (Geological Survey of Denmark and Greenland, Department of Petrology and Economic Geology, Copenhagen, Denmark); Schneider, Jens; Chiaradia, Massimo **Source:** *Ore Geology Reviews*, 79, 392-407, 2016

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16. Metamorphic control on REE redistribution in alkaline complexes; the Norra Karr example

Atanasova, P. (Helmholtz Centre Dresden-Rossendorf, Helmholtz Institute Freiberg for Resource Technology, Freiberg, Germany); Marks, M. A. W.; Krause, J.; Gutzmer, J.; Markl, G. **Source:** *International Geological Congress, Abstracts = Congres Geologique International, Resumes*, 35, 35th international geological congress; abstracts, 2016

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17. Remains of Saurichthys (Pisces, Actinopterygii) from the Early Triassic Wordie Creek Formation of East Greenland

Kogan, I. (Freiberg University of Mining and Technology, Geological Institute, Freiberg, Germany) **Source:** *Bulletin of the Geological Society of Denmark = Meddelelser fra Dansk Geologisk Forening*, 59, 93-100, 2011

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18. Marine incursions into the Middle/Late Permian saline lake of the Southern Permian Basin (Rotliegend, northern Germany) possibly linked to sea-level highstands in the Arctic rift system

Legler, Berit (TU Bergakademie Freiberg, Institute of Geology, Freiberg, Federal Republic of Germany); Schneider, Joerg W. **Source:** *Palaeogeography, Palaeoclimatology, Palaeoecology*, 267, 1-2, 102-114, 2008

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19. Alternative global Cretaceous paleogeography

Hay, William W. (GEOMAR, Wischhofstr. 1-3, D-24148, Kiel, Germany); DeConto, Robert M.; Wold, Christopher N.; Wilson, Kevin M.; Voigt, Silke; Schulz, Michael; Wold, Adrienne Rossby; Dullo, Wolf-Christian; Ronov, Alexander B.; Balukhovskiy, Alexander N.; Söding, Emanuel **Source:** *Special Paper of the Geological Society of America*, v 332, p 1-47, 1999

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20. The climate-sensitive Vesterisbanken area (central Greenland Sea); depositional environment and paleoceanography during the past 250,000 years

Antonow, Martin (Freiberg University of Mining and Technology, Institute of Geology, Freiberg, Federal Republic of Germany); Goldschmidt, Peter Martin; Erlenkeuser, Helmut, **Editors:** Hass, H. Christian; Kaminski, Michael A. **Source:** *Grzybowski Foundation Special Publication*, 5, 101-118, *Contributions to the micropaleontology and paleoceanography of the northern North Atlantic*, 1997

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21. High-resolution magnetostratigraphy of four sediment cores from the Greenland Sea; I, Identification of the Mono Lake excursion, Laschamp and Biwa I/Jamaica geomagnetic polarity events

Nowaczyk, Norbert R. (Universitaet Bremen, Fachbereich Geowissenschaften, Bremen, Federal Republic of Germany); Antonow, Martin **Source:** *Geophysical Journal International*, 131, 2, 310-324, 1997

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22. Late Quaternary sedimentation in the Vesterisbanken area; paleoceanographic and climatic implications for the central Greenland Sea

Antonow, Martin (Inst. Geol., TU Bergakad. Freiberg, Freiberg/Sa., Germany) , **Editors:** Kurze, Manfred **Source:** *Zentralblatt fuer Geologie und Palaeontologie, Teil I: Allgemeine, Angewandte, Regionale und Historische Geologie*, 1995, 1-2, 7-19, *** English translation required ***, 1996 **Language:** German In Process

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23. The Greenland Sea Vesterisbanken region; a "battlefield" of paleo-water masses in the northern North Atlantic

Antonow, Martin (Freiberg University, Institute of Geology, Freiberg, Federal Republic of Germany) **Source:** *Eos, Transactions, American Geophysical Union*, 77, 46, Suppl., 310, *AGU 1996 fall meeting*, 1996

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24. Paleoceanographic implications from Vesterisbanken sediments for the past 240,000 years; glacial/interglacial contrasts in the central Greenland Sea

Antonow, M. (Freiberg University for Mining and Technology, Institute for Geology, Freiberg, Federal Republic of Germany) **Source:** *Eos, Transactions, American Geophysical Union*, 75, 44, Suppl., 390, *AGU 1994 fall meeting*, 1994

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25. A new view of global Cretaceous paleogeography

Deconto, Robert M. (Cooperative Institute for Research in Environmental Science, Boulder, CO, United States); Hay, William W.; Wold, Christopher N.; Voigt, Silke; Troeger, Karl-Armin; Schulz, Michael; Dullo, Wolf-Christian **Source:** *Abstracts with Programs - Geological Society of America*, 26, 7, 229-230, *Geological Society of America, 1994 annual meeting*, 1994

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26. Lithologic variations and correlation of sediment cores from the Vesterisbanken area (central Greenland Sea)

Antonow, Martin (Mining Academy, Institute of Geology, Freiberg, Germany) **Source:** *Terra Abstracts*, 5, Suppl. 1, 709, *Seventh meeting of the European Union of Geosciences; abstract supplement*, 1993

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27. Near bottom current-induced sediment transport in the Greenland abyssal plain

Antonow, M. (Mining Academy, Institute for Geology, Freiberg, Federal Republic of Germany); Hass, H. C. **Source:** *Eos, Transactions, American Geophysical Union*, 73, 43, Suppl., 310-311, *AGU 1992 fall meeting*, 1992

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