Resource Summary Report

Generated by RRID on Apr 8, 2025

Magnetics Information Consortium

RRID:SCR_007098
Type: Tool

Proper Citation

Magnetics Information Consortium (RRID:SCR_007098)

Resource Information

URL: http://earthref.org/MAGIC/

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Description: Databases that accept and provide access to paleomagnetic and rock magnetic data. The paleomagnetic data range from individual measurements to specimen, sample or site level results, including a wide variety of derived parameters or associated rock magnetic measurements. The rock magnetic database includes data collected during rock magnetic experiments on remanence, anisotropy, hysteresis and susceptibility. The MagIC Console Software provides an effective environment in Microsoft Excel where users can collate and prepare their paleomagentic and rock magnetic data for uploading in the Online MagIC Database.

Abbreviations: MagIC

Synonyms: Magnetics Information Consortium (MagIC), MagIC Portal, MagIC database

Resource Type: storage service resource, data repository, service resource, database, data or information resource, software resource

Keywords: paleomagnetism, rock, magnetic, paleomagnetic, geomagnetic, rock magnetic

Funding: NSF EAR 0202996;
NSF EAR-IF 0318672-0744107-0744108

Availability: Non-commercial, For scientific or educational purposes, Acknowledgement required, Copyrighted, The community can contribute to this resource

Resource Name: Magnetics Information Consortium

Resource ID: SCR_007098

Alternate IDs: nlx_154712, SciRes_000151

Record Creation Time: 20220129T080239+0000

Record Last Update: 20250407T215628+0000

Ratings and Alerts

No rating or validation information has been found for Magnetics Information Consortium.

No alerts have been found for Magnetics Information Consortium.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID.

Chan OM, et al. (2024) A novel infant microbiome formula (SIM03) improved eczema severity and quality of life in preschool children. Scientific reports, 14(1), 3168.

Birkner L, et al. (2024) Dynamic accelerated stress test and coupled on-line analysis program to elucidate aging processes in proton exchange membrane fuel cells. Scientific reports, 14(1), 3999.

Di Chiara A, et al. (2024) An archaeomagnetic study of the Ishtar Gate, Babylon. PloS one, 19(1), e0293014.

Zheng J, et al. (2024) Noninvasive, microbiome-based diagnosis of inflammatory bowel disease. Nature medicine, 30(12), 3555.

Ferrer Campos R, et al. (2023) Bubble-propelled micromotors for ammonia generation. Nanoscale, 15(38), 15785.

Mukherjee I, et al. (2022) Exploring a variance decomposition approach integrated with the Monte Carlo method to evaluate groundwater fluoride exposure on the residents of a typical fluorosis endemic semi-arid tract of India. Environmental research, 203, 111697.

Liu C, et al. (2021) An Aspergillus nidulans endo-?-1,3-glucanase exhibited specific catalytic features and was used to prepare 3-O-?-cellobiosyl-d-glucose and 3-O-?-gentiobiosyl-d-

glucose with high antioxidant activity from barley ?-glucan and laminarin, respectively. International journal of biological macromolecules, 186, 424.

Khatoon K, et al. (2021) Cyto-genotoxic potential of petroleum refinery wastewater mixed with domestic sewage used for irrigation of food crops in the vicinity of an oil refinery. Heliyon, 7(10), e08116.

Vráblová M, et al. (2021) Combined SPRi Sensor for Simultaneous Detection of Nitrate and Ammonium in Wastewater. Sensors (Basel, Switzerland), 21(3).

Vidal-Melgosa S, et al. (2021) Diatom fucan polysaccharide precipitates carbon during algal blooms. Nature communications, 12(1), 1150.

Ashkenazy Y, et al. (2021) Dynamic Europa ocean shows transient Taylor columns and convection driven by ice melting and salinity. Nature communications, 12(1), 6376.

Wu Y, et al. (2020) Magnesium efflux from Drosophila Kenyon cells is critical for normal and diet-enhanced long-term memory. eLife, 9.

Tarduno JA, et al. (2020) Paleomagnetism indicates that primary magnetite in zircon records a strong Hadean geodynamo. Proceedings of the National Academy of Sciences of the United States of America, 117(5), 2309.

Yadav RK, et al. (2020) Deep convection-driven vortex formation on Jupiter and Saturn. Science advances, 6(46).

Vaknin Y, et al. (2020) The Earth's magnetic field in Jerusalem during the Babylonian destruction: A unique reference for field behavior and an anchor for archaeomagnetic dating. PloS one, 15(8), e0237029.

Hutchison W, et al. (2019) Sulphur isotopes of alkaline magmas unlock long-term records of crustal recycling on Earth. Nature communications, 10(1), 4208.

Paponov M, et al. (2019) Supplemental Light-Emitting Diode Inter-Lighting Increases Tomato Fruit Growth Through Enhanced Photosynthetic Light Use Efficiency and Modulated Root Activity. Frontiers in plant science, 10, 1656.

Kong Y, et al. (2018) Magnetostratigraphic dating of the hominin occupation of Bailong Cave, central China. Scientific reports, 8(1), 9699.

Paterson GA, et al. (2017) Bulk magnetic domain stability controls paleointensity fidelity. Proceedings of the National Academy of Sciences of the United States of America, 114(50), 13120.

Huang Y, et al. (2017) Transcriptome and key genes expression related to carbon fixation pathways in Chlorella PY-ZU1 cells and their growth under high concentrations of CO2. Biotechnology for biofuels, 10, 181.