

Resource Summary Report

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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 paleomagnetic and rock magnetic data for uploading in the Online MagIC Database.

Abbreviations: MagIC

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

Resource Type: data or information resource, data repository, database, storage service resource, service 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, r3d100011910

Alternate URLs: <https://doi.org/10.17616/R3NM0W>

Record Creation Time: 20220129T080239+0000

Record Last Update: 20260820T054506+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 34 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Fleuriot-Blitman H, et al. (2026) Gene expression analysis reveals distinct PHB depolymerization mechanisms and broader involvement of the PHB cycle in *Rhodospirillum rubrum* growing on acetate and fructose. *Microbial cell factories*, 25(1).

Xu Y, et al. (2026) Phosphate deprivation restricts bacterial degradation of the marine polysaccharide fucoidan. *Nature microbiology*, 11(2), 391.

Tavares Flores E, et al. (2026) Genome association of carbohydrate metabolites provides new insights toward functional breeding in coffee. *The plant genome*, 19(2), e70239.

Probst SI, et al. (2025) Enzymatic carbon-fluorine bond cleavage by human gut microbes. *Proceedings of the National Academy of Sciences of the United States of America*, 122(24), e2504122122.

Sacharowski SP, et al. (2025) Chromatin retained MUSHER lncRNA integrates ABA and DOG1 signalling pathways to enhance *Arabidopsis* seeds dormancy. *Nature communications*, 16(1), 7545.

Arifiadi A, et al. (2025) Evaluation of Alternative Lithium Salts for High-Voltage Lithium Ion Batteries: Higher Relevance of Plated Li Morphology Than the Amount of Electrode Crosstalk. *Small (Weinheim an der Bergstrasse, Germany)*, 21(19), e2410762.

Kamgar E, et al. (2025) Screening and quantification of inorganic anions in Shilajit and its supplements. *BMC chemistry*, 19(1), 95.

van Schoor H, et al. (2025) The Sensory and Physicochemical Properties of Honeybush Tea Depend on the Brewing Water: A Preliminary Study. *Journal of food science*, 90(12), e70720.

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.

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.

Mirza AH, et al. (2024) SCARPET: site-specific quantification of methylated and nonmethylated adenosines reveals m6A stoichiometry. *RNA (New York, N.Y.)*, 30(3), 308.

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.

Shaar R, et al. (2022) Archaeomagnetism in the Levant and Mesopotamia Reveals the Largest Changes in the Geomagnetic Field. *Journal of geophysical research. Solid earth*, 127(12), e2022JB024962.

Liu C, et al. (2021) An *Aspergillus nidulans* endo- α -1,3-glucanase exhibited specific catalytic features and was used to prepare 3-O- α -cellobiosyl-d-glucose and 3-O- α -gentiobiosyl-d-glucose with high antioxidant activity from barley β -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.

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.

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