

MAX UnMix: A web application for unmixing magnetic

Computers and Geosciences

95, 140-145

DOI: [10.1016/j.cageo.2016.07.009](https://doi.org/10.1016/j.cageo.2016.07.009)

Citation Report

#	ARTICLE	IF	CITATIONS
1	Crystallization of iron-containing sodium aluminosilicate glasses in the NaAlSiO ₄ -NaFeSiO ₄ join. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 2504-2524.	1.4	33
2	Unusual massive magnetite veins and highly altered Cr-spinels as relics of a Cl-rich acidic hydrothermal event in Neoproterozoic serpentinites (Bou Azzer ophiolite, Anti-Atlas, Morocco). <i>Precambrian Research</i> , 2017, 300, 151-167.	1.2	40
3	Earthquakes in the Mantle? Insights From Rock Magnetism of Pseudotachylytes. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 8769-8785.	1.4	10
4	Response of pedogenic magnetite to changing vegetation in soils developed under uniform climate, topography, and parent material. <i>Scientific Reports</i> , 2017, 7, 17575.	1.6	30
5	Paleomagnetism in Extremadura (Central Iberian zone, Spain) Paleozoic rocks: extensive remagnetizations and further constraints on the extent of the Cantabrian orocline. <i>Journal of Iberian Geology</i> , 2017, 43, 583-600.	0.7	15
6	A Mineral Magnetic Approach to Determine Paleo-Firing Temperatures in the Neolithic Settlement Site of Mursalevo-Deveboaz (SW Bulgaria). <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2522-2538.	1.4	18
7	Application of an Anisotropy-Based Correction to Relative Paleointensity Estimates of Experimentally Deposited Sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 882-900.	1.0	4
8	A 10,000 yr record of high-resolution Paleosecular Variation from a flowstone of Rio Martino Cave, Northwestern Alps, Italy. <i>Earth and Planetary Science Letters</i> , 2018, 485, 32-42.	1.8	12
9	Deccan volcanism induced high-stress environment during the Cretaceous-Paleogene transition at Zumaia, Spain: Evidence from magnetic, mineralogical and biostratigraphic records. <i>Earth and Planetary Science Letters</i> , 2018, 484, 53-66.	1.8	40
10	Magnetic analysis of commercial hematite, magnetite, and their mixtures. <i>AIP Advances</i> , 2018, 8, .	0.6	69
11	Geoarchaeological and 3D visualisation approaches for contextualising in-situ fossil bearing palaeokarst in South Africa: A case study from the ~2.61 Ma Drimolen Makondo. <i>Quaternary International</i> , 2018, 483, 90-110.	0.7	16
12	Characterization of marine ferromanganese crust from the Pacific using residues of selective chemical leaching: identification of fossil magnetotactic bacteria with FE-SEM and rock magnetic methods. <i>Earth, Planets and Space</i> , 2018, 70, .	0.9	12
13	Evidence for Widespread Remagnetizations in South America, Case Study of the Itararé Group Rocks From the State of São Paulo, Brazil. <i>Frontiers in Earth Science</i> , 2018, 6, .	0.8	8
14	Oxygenated Mesoproterozoic lake revealed through magnetic mineralogy. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 12938-12943.	3.3	25
15	Speleothem record of geomagnetic South Atlantic Anomaly recurrence. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018, 115, 13198-13203.	3.3	24
16	Magnetic Properties of Deep-Sea Sediments From the North Pacific: A Proxy of Glacial Deep-Water Ventilation. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 4433-4443.	1.0	10
17	Applying the Burr Type XII Distribution to Decompose Remanent Magnetization Curves. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 8298-8311.	1.4	11
18	Wildfire severity: Environmental effects revealed by soil magnetic properties. <i>Land Degradation and Development</i> , 2019, 30, 2226-2242.	1.8	14

#	ARTICLE	IF	CITATIONS
19	Magnetic anisotropy and debris-dependent rheological heterogeneity within stratified basal ice. <i>Journal of Glaciology</i> , 2019, 65, 770-779.	1.1	5
20	Micromagnetic simulation of magnetofossils with realistic size and shape distributions: Linking magnetic proxies with nanoscale observations and implications for magnetofossil identification. <i>Earth and Planetary Science Letters</i> , 2019, 527, 115790.	1.8	22
21	Distinguishing the MÃlange-Forming Processes in Subduction-Accretion Complexes: Constraints from the Anisotropy of Magnetic Susceptibility (AMS). <i>Geosciences (Switzerland)</i> , 2019, 9, 381.	1.0	5
22	Paleomagnetism and tectonics from the late Pliocene to late Pleistocene in the Xalapa monogenetic volcanic field, Veracruz, Mexico. <i>Bulletin of the Geological Society of America</i> , 2019, 131, 1581-1590.	1.6	11
23	Rock magnetic signature of a Miocene playa cycle in Central Asia and environmental implications. <i>International Journal of Earth Sciences</i> , 2019, 108, 2271-2290.	0.9	3
24	Anisotropy of (partial) isothermal remanent magnetization: DC-field-dependence and additivity. <i>Geophysical Journal International</i> , 2019, 218, 1428-1441.	1.0	4
25	The effect of oxidation on the mineralogy and magnetic properties of olivine. <i>American Mineralogist</i> , 2019, 104, 694-702.	0.9	32
26	Domain State Diagnosis in Rock Magnetism: Evaluation of Potential Alternatives to the Day Diagram. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 5286-5314.	1.4	44
27	Study of cooling rate effect on baked clay materials and its importance for archaeointensity determinations. <i>Physics of the Earth and Planetary Interiors</i> , 2019, 288, 9-25.	0.7	10
28	Primary and Secondary Red Bed Magnetization Constrained by Fluvial Intraclasts. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 4276-4289.	1.4	24
29	Diversity and peculiarities of soil formation in eolian landscapes â Insights from the mineral magnetic records. <i>Earth and Planetary Science Letters</i> , 2020, 531, 115956.	1.8	11
30	Diagenetic formation of bedded chert: Implications from a rock magnetic study of siliceous precursor sediments. <i>Earth and Planetary Science Letters</i> , 2020, 533, 116039.	1.8	12
31	A new constraint on the central Andean rotation pattern from paleomagnetic studies in the southern Subandes of Bolivia. <i>Journal of South American Earth Sciences</i> , 2020, 98, 102470.	0.6	1
32	Clay source and firing temperatures of Roman ceramics: A case study from Plovdiv, Bulgaria. <i>Geoarchaeology - an International Journal</i> , 2020, 35, 287-309.	0.7	5
33	Tracing of traffic-related pollution using magnetic properties of topsoils in Daejeon, Korea. <i>Environmental Earth Sciences</i> , 2020, 79, 1.	1.3	3
34	Faulting Processes Unveiled by Magnetic Properties of Fault Rocks. <i>Reviews of Geophysics</i> , 2020, 58, e2019RG000690.	9.0	16
35	NanoâMagnetite Aggregates in Red Soil on Low Magnetic Bedrock, Their Changes During SourceâSink Transfer, and Implications for Paleoclimate Studies. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020588.	1.4	6
36	Remagnetization of Red Beds on the Tibetan Plateau: Mechanism and Diagnosis. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020068.	1.4	14

#	ARTICLE	IF	CITATIONS
37	Revisiting Alice Boer: Site formation processes and dating issues of a supposedly pre-Clovis site in Southeastern Brazil. <i>Geoarchaeology - an International Journal</i> , 2022, 37, 32-58.	0.7	6
38	Magnetic Properties of Ferritchromite and Magnetite and Monitoring of Spinel Alteration in Ultramafic and Mafic Rocks. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009227.	1.0	5
39	Archaeointensity of nineteenth-century Scottish firebricks from a foundry in Melbourne, Australia: comparisons with field models and magnetic observatory data. <i>Geological Society Special Publication</i> , 2020, 497, 27-45.	0.8	2
40	Benchmarking Component Analysis of Remanent Magnetization Curves With a Synthetic Mixture Series: Insight Into the Reliability of Unmixing Natural Samples. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020105.	1.4	6
41	Humidity related magnetite alteration in an experimental setup. <i>Geophysical Journal International</i> , 2020, 224, 69-85.	1.0	7
42	A magnetostratigraphic age constraint for the proximal synorogenic conglomerates of the Late Cretaceous Cordilleran foreland basin, northeast Utah, USA. <i>Bulletin of the Geological Society of America</i> , 2021, 133, 1795-1814.	1.6	5
43	Classification of a Complexly Mixed Magnetic Mineral Assemblage in Pacific Ocean Surface Sediment by Electron Microscopy and Supervised Magnetic Unmixing. <i>Frontiers in Earth Science</i> , 2020, 8, .	0.8	23
44	Reconstructing the depositional history and age of fossil-bearing palaeokarst: A multidisciplinary example from the terminal Pliocene Aves Cave Complex, Bolt's farm, South Africa. <i>Results in Geophysical Sciences</i> , 2020, 1-4, 100005.	0.4	1
45	Identification and Classification of Archeological Materials From Bronze Age Gold Mining Site Ada Tepe (Bulgaria) Using Rock Magnetism. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2020GC009374.	1.0	2
46	Comment on "New Late Pennsylvanian Paleomagnetic Results From Paraná Basin (Southern Brazil): Is the Recent Giant Gaussian Process Model Valid for the Kiaman Superchron?" by Brandt et al.. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB018556.	1.4	2
47	Eocene (46–44 Ma) Onset of Australia-Pacific Plate Motion in the Southwest Pacific Inferred From Stratigraphy in New Caledonia and New Zealand. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008699.	1.0	15
48	Downward remagnetization of a 74-m-thick zone in lake sediments from palaeo-Lake Idaho (NW United States). <i>Geophysical Journal International</i> , 2020, 222, 754-768.	1.0	1
49	Burial Diagenesis and Tectonism Inferred From Paleomagnetism and Magnetic Fabrics in the Wolfcamp Shale, Midland Basin, Texas, USA. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019046.	1.4	6
50	Contemporaneity of <i>Australopithecus</i> , <i>Paranthropus</i> , and early <i>Homo erectus</i> in South Africa. <i>Science</i> , 2020, 368, .	6.0	96
51	Characterization and Quantification of Magnetofossils Within Abyssal Manganese Nodules From the Western Pacific Ocean and Implications for Nodule Formation. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008811.	1.0	15
52	Climatic control on magnetic mineralogy during the late MIS 6 - Early MIS 3 in Lake Chalco, central Mexico. <i>Quaternary Science Reviews</i> , 2020, 230, 106163.	1.4	22
53	Critical Altitudinal Shift From Detrital to Pedogenic Origin of the Magnetic Properties of Surface Soils in the Western Pamir Plateau, Tajikistan. <i>Geochemistry, Geophysics, Geosystems</i> , 2020, 21, e2019GC008752.	1.0	8
54	Magnetofossil Abundance and Diversity as Paleoenvironmental Proxies: A Case Study From Southwest Iberian Margin Sediments. <i>Geophysical Research Letters</i> , 2020, 47, e2020GL087165.	1.5	17

#	ARTICLE	IF	CITATIONS
55	Assessment of Magnetic Techniques for Understanding Complex Mixtures of Magnetite and Hematite: The Inuyama Red Chert. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, .	1.4	5
56	High-resolution late Middle Pleistocene paleoclimatic record from the Galer�a Complex, Atapuerca archaeological site, Spain - An environmental magnetic approach. <i>Quaternary Science Reviews</i> , 2021, 251, 106721.	1.4	5
57	On the Early Permian shape of Pangea from paleomagnetism at its core. <i>Gondwana Research</i> , 2021, 90, 171-198.	3.0	16
58	Magnetic signature of sewage polluted river sediments. <i>Geosciences Journal</i> , 2021, 25, 685-696.	0.6	2
59	Late miocene silicic subvolcanic plumbing system related to oblique rifting in the Pacific-North American plate boundary, Sonora, Mexico: geodynamic implication in a regional context. <i>International Geology Review</i> , 2022, 64, 743-769.	1.1	6
60	Environmental magnetism study during the Mid-Late Holocene transition and its cultural implications in Mesoamerica. <i>Quaternary International</i> , 2021, 577, 112-130.	0.7	2
61	Chronostratigraphy of a 270-ka sediment record from Lake Selina, Tasmania: Combining radiometric, geomagnetic and climatic dating. <i>Quaternary Geochronology</i> , 2021, 62, 101152.	0.6	4
62	High spatial resolution magnetic mapping using ultra-high sensitivity scanning SQUID microscopy on a speleothem from the Kingdom of Tonga, southern Pacific. <i>Earth, Planets and Space</i> , 2021, 73, .	0.9	4
63	A Feasibility Study of Microbialites as Paleomagnetic Recorders. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	0
64	Magnetic Mineralogy of Speleothems From Tropical-Subtropical Sites of South America. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	4
65	Magnetic Properties of a Holocene Sediment Core from the Yeongsan Estuary, Southwest Korea: Implications for Diagenetic Effects and Availability as Paleoenvironmental Proxies. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	6
66	A Detailed Paleoclimate Proxy Record for the Middle Danube Basin Over the Last 430 kyr: A Rock Magnetic and Colorimetric Study of the Zemun Loess-Paleosol Sequence. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	16
67	The Effect of Differential Weathering on The Magnetic Properties of Paleosols: A Case Study of Magnetic Enhancement vs. Magnetic Depletion in the Pleistocene Blackwater Draw Formation, Texas. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	1
68	Paleomagnetism from multi-orogenic terranes is â€œnot a simple gameâ€: Pyrenees' Paleozoic warning. <i>Geophysical Journal International</i> , 0, , .	1.0	0
69	The Laschamps geomagnetic excursion recorded in continental sediments from southern Germany. <i>Geophysical Journal International</i> , 2021, 227, 1354-1365.	1.0	3
70	Spatialâ€temporal heterogeneity in a small lake and its implication for paleoclimate reconstruction. <i>Limnology</i> , 2022, 23, 17-35.	0.8	2
71	Micromagnetic Calculations of the Effect of Magnetostatic Interactions on Isothermal Remanent Magnetization Curves: Implications for Magnetic Mineral Identification. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB022335.	1.4	6
72	Rock magnetic characterization and paleomagnetic directional analysis of Isla San Pedro Nolasco dikes, Gulf of California, Mexico. <i>Bulletin of Volcanology</i> , 2021, 83, 1.	1.1	2

#	ARTICLE	IF	CITATIONS
73	Non-chained, Non-interacting, Stable Single-Domain Magnetite Octahedra in Deep-Sea Red Clay: A New Type of Magnetofossil?. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2021GC009770.	1.0	6
74	Hidden but Ubiquitous: The Pre-Rift Continental Mantle in the Red Sea Region. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	3
75	Evolution of (Bio-)Geochemical Processes and Diagenetic Alteration of Sediments Along the Tectonic Migration of Ocean Floor in the Shikoku Basin off Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, e2020GC009585.	1.0	11
76	AMS and rock magnetism in the Cavihue-Copahue Volcanic Complex (Southern Andes): Emission center, flow dynamics, and implications to the emplacement of non-welded PDCs. <i>Journal of Volcanology and Geothermal Research</i> , 2021, 416, 107283.	0.8	4
77	Environmental magnetic fingerprinting of anthropogenic and natural atmospheric deposition over southwestern Europe. <i>Atmospheric Environment</i> , 2021, 261, 118568.	1.9	6
78	Magnetostratigraphy and magnetic properties of the Jurassic to Lower Cretaceous Girón Group (northern Andes, Colombia). , 2021, 17, 2172-2196.		3
79	Advanced mineral magnetic and geochemical investigations of road dusts for assessment of pollution in urban areas near the largest copper smelter in SE Europe. <i>Science of the Total Environment</i> , 2021, 792, 148402.	3.9	23
80	Tracking Airborne Pollution with Environmental Magnetism in A Medium-Sized African City. <i>Atmosphere</i> , 2021, 12, 1281.	1.0	3
81	Eruptive and depositional processes of a low-aspect-ratio ignimbrite (the Southern Kusandong Tuff,) <i>Journal of Volcanology and Geothermal Research</i> , 2021, 419, 107374.	0.8	0
83	Magnetic matrix effects on NMR relaxation times in sandstones: A case study in Solimões Basin. <i>Journal of Applied Geophysics</i> , 2020, 179, 104081.	0.9	5
84	Particle-size dependent magnetic properties of Scotia Sea sediments since the Last Glacial Maximum: Glacial ice-sheet discharge controlling magnetic proxies. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2020, 557, 109906.	1.0	9
85	Age constraints for the Trachilos footprints from Crete. <i>Scientific Reports</i> , 2021, 11, 19427.	1.6	4
86	Deformation understanding in the Upper Paleozoic of Ventana Ranges at Southwest Gondwana Boundary. <i>Scientific Reports</i> , 2021, 11, 20804.	1.6	3
87	Unraveling the emplacement history of a Portuguese post-tectonic Variscan pluton using magnetic fabrics and gravimetry. <i>Journal of Structural Geology</i> , 2021, 153, 104470.	1.0	7
88	Integrated mineralogical and rock magnetic study of Deccan red boles. , 2020, , 199-222.		0
89	Environmental magnetism evidence for longshore drift distribution of Fe-bearing phases: An example from the Brazilian southeastern coastal region. <i>Journal of Sedimentary Research</i> , 2021, 91, 1133-1150.	0.8	0
90	Paleomagnetism and Age Correlation of the Mesoproterozoic Rocks of the Udzha and Olenek Uplifts, Northeastern Siberian Platform. <i>Izvestiya, Physics of the Solid Earth</i> , 2020, 56, 864-887.	0.2	1
91	High-Resolution Late Devonian Magnetostratigraphy From the Canning Basin, Western Australia: A Re-Evaluation. <i>Frontiers in Earth Science</i> , 2021, 9, .	0.8	3

#	ARTICLE	IF	CITATIONS
92	Holocene wet episodes recorded by magnetic minerals in stalagmites from Soreq Cave, Israel. <i>Geology</i> , 2022, 50, 284-288.	2.0	5
93	Rock Magnetic Signature of Heterogeneities Across an Intraplate Basal Contact: An Example From the Northern Apennines. <i>Geochemistry, Geophysics, Geosystems</i> , 2021, 22, .	1.0	3
94	Palaeomagnetic indication for India's Asia collision at 12°N and maximum 810 km Greater India extent in the western suture zone. <i>Geophysical Journal International</i> , 2022, 229, 1193-1211.	1.0	8
95	Early-middle Permian ecosystems of equatorial Pangaea: Integrated multi-stratigraphic and palaeontological review of the Permian of Mallorca (Balearic Islands, western Mediterranean). <i>Earth-Science Reviews</i> , 2022, 228, 103948.	4.0	3
96	Paleomagnetism and rock magnetism as tools for volcanology. <i>Bulletin of Volcanology</i> , 2022, 84, 1.	1.1	5
97	The role of tephra additions on development of incipient soils from Livingston Island (Antarctic) Tj ETQq1 1 0.784314 rgBT /Qverlock 10	2.2	1
98	Remagnetization of Carboniferous Limestone in the Zaduo Area, Eastern Qiangtang Terrane, and Its Tectonic Implications. <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	1
99	A Relative Paleointensity (RPI)-Calibrated Age Model for the Corinth Syn-rift Sequence at IODP Hole M0079A (Gulf of Corinth, Greece). <i>Frontiers in Earth Science</i> , 2022, 10, .	0.8	6
100	Rapid light carbon releases and increased aridity linked to Karoo's Ferrar magmatism during the early Toarcian oceanic anoxic event. <i>Scientific Reports</i> , 2022, 12, 4342.	1.6	9
101	Subsurface Pleistocene magnetostratigraphy under the Aburagafuchi Lowland in the southwestern Nishi-mikawa Plain, central Japan. <i>Bulletin of the Geological Survey of Japan</i> , 2022, 73, 1-17.	0.1	2
102	Eocene relative paleointensity of the geomagnetic field from Integrated Ocean Drilling Program Site U1403 and U1408 sediments in the northwest Atlantic. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117518.	1.8	1
103	Assessing the Magnetic Mineralogy of the Pre-Variscan Manteigas Granodiorite: An Unexpected Case of a Magnetite-Series Granitoid in Portugal. <i>Minerals (Basel, Switzerland)</i> , 2022, 12, 440.	0.8	2
104	Early-middle Permian drying in the North China Block induced by large igneous provinces. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 592, 110922.	1.0	8
105	Chronostratigraphy of sediment cores from Lake Selina, southeastern Australia: Radiocarbon, optically stimulated luminescence, paleomagnetism, authigenic beryllium isotopes and elemental data. <i>Data in Brief</i> , 2022, 42, 108144.	0.5	0
106	Discovery of giant magnetofossils within and outside of the Palaeocene-Eocene Thermal Maximum in the North Atlantic. <i>Earth and Planetary Science Letters</i> , 2022, 584, 117417.	1.8	7
107	Microbially Induced Anaerobic Oxidation of Magnetite to Maghemite in a Hydrocarbon-Contaminated Aquifer. <i>Journal of Geophysical Research G: Biogeosciences</i> , 2022, 127, .	1.3	2
108	Magnetostratigraphy of the Upper Cretaceous Nenjiang Formation in the Songliao Basin, northeast China: Implications for age constraints on terminating the Cretaceous Normal Superchron. <i>Cretaceous Research</i> , 2022, 135, 105213.	0.6	4
109	Seafloor Magnetism Under Hydrothermal Alteration: Insights From Magnetomineralogy and Magnetic Properties of the Southwest Indian Ridge Basalts. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, .	1.4	8

#	ARTICLE	IF	CITATIONS
110	Mush ado about the Ratagain Complex, NW Scotland: insights into Caledonian granitic magmatism and emplacement from magnetic fabric analyses. <i>Scottish Journal of Geology</i> , 2022, 58, .	0.1	2
111	Rock magnetic properties as proxy indicators of characteristic periodicities in Holocene aeolian sediments (Arturo Dune, Tierra del Fuego, Argentina). <i>Journal of South American Earth Sciences</i> , 2022, , 103807.	0.6	0
112	Rock Magnetic Signatures of Hydrothermal Mineralization in the Trans-Atlantic Geotraverse (TAG) Hydrothermal Field. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	2
115	Unraveling tectonic inversion and wrench deformation in the Eastern Cordillera (Northern Andes) with paleomagnetic and AMS data. <i>Tectonophysics</i> , 2022, 834, 229356.	0.9	2
117	Rock magnetic fingerprint of Mt. Etna volcanic ash. <i>Geophysical Journal International</i> , 0, , .	1.0	4
118	Permian Magnetostratigraphy and End of the Kiaman Reverse Polarity Superchron From the Southeast Karoo Basin, South Africa. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	1
119	Paleomagnetism and Rock Magnetism of Permian sedimentary rocks and Early Jurassic Karoo (Large) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 Journal of African Earth Sciences, 2022, , 104627.	0.9	1
120	Metagenomic and Microscopic Analysis of Magnetotactic Bacteria in Tangyin Hydrothermal Field of Okinawa Trough. <i>Frontiers in Microbiology</i> , 0, 13, .	1.5	3
121	A 140-year record of environmental changes in SÃ£o SebastiÃ£o, Brazil. <i>Science of the Total Environment</i> , 2022, 838, 156578.	3.9	3
122	Holocene palaeoenvironmental conditions in NE Bulgaria uncovered by mineral magnetic and paleomagnetic records of an alluvial soil. <i>Quaternary International</i> , 2022, 631, 47-58.	0.7	2
123	High geomagnetic field intensity recorded by anorthosite xenoliths requires a strongly powered late Mesoproterozoic geodynamo. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2022, 119, .	3.3	7
124	Rock Magnetism of Lapilli and Lava Flows from Cumbre Vieja Volcano, 2021 Eruption (La Palma, Canary) Tj ETQq1 1 0.784314 rgBT /Ove	1.0	3
125	Discrimination of soil magnetism enhanced by land use and its implications for inferring alterations in sediment sources and soil erosion in a homogeneous watershed: An example from the Guizhou Plateau, SW China. <i>Catena</i> , 2022, 217, 106476.	2.2	1
126	A Depth-Transsect of Ocean Deoxygenation During the Paleocene-Eocene Thermal Maximum: Magnetofossils in Sediment Cores From the Southeast Atlantic. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	2
127	Characterization of anthropogenic contaminants in urban soils around Budgebudge current generating station of West Bengal, India. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	0
128	Paleomagnetic Study of the Late Miocene Volcanic Sequence in Sonora, Mexico: Clockwise Vertical Axis Rotation Related to the Oblique Rifting in the Pacific-North American Plate Boundary. <i>Tectonics</i> , 2022, 41, .	1.3	2
129	Curie Temperatures and Emplacement Conditions of Pyroclastic Deposits From Popocatepetl Volcano, Mexico. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	2
130	Occurrence and Distribution Patterns of Magnetic Particles Within Stalagmite Growth Laminae. <i>Geochemistry, Geophysics, Geosystems</i> , 2022, 23, .	1.0	1

#	ARTICLE	IF	CITATIONS
131	Environmental changes in southeastern Europe over the last 450 ka: Magnetic and pedologic study of a loess-paleosol profile from Kaolinovo (Bulgaria). <i>Quaternary Science Reviews</i> , 2022, 292, 107671.	1.4	2
132	Astronomical calibration of the latest Aptian to middle Albian in the South Atlantic Ocean. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2022, 602, 111175.	1.0	5
133	Absolute Paleolatitude of Northern Zealandia From the Middle Eocene to the Early Miocene. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	4
134	Unraveling the complex burial history of the Antrim formation in Michigan basin using paleomagnetism, rock magnetism and geochemistry. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
135	Paleomagnetism of the La Mora Formation: Late Triassic-Late Jurassic paleolatitudinal record for Southern Mexico and its Gondwanan disconnection. <i>International Geology Review</i> , 2023, 65, 1999-2020.	1.1	0
136	Timing of Tectonic and Magmatic Events in the Philippine Sea Plate since 50 Ma from High-Resolution Magnetostratigraphy of IODP Site U1438. <i>Geochemistry, Geophysics, Geosystems</i> , 0, , .	1.0	0
137	Paleomagnetic techniques can date speleothems with high concentrations of detrital material. <i>Scientific Reports</i> , 2022, 12, .	1.6	2
138	Mineralogical, magnetic and geochemical data constrain the pathways and extent of weathering of mineralized sedimentary rocks. <i>Geochimica Et Cosmochimica Acta</i> , 2023, 343, 180-195.	1.6	2
139	The Cretaceous stationary Lhasa terrane constrained by the paleolatitude of 103-Ma volcanic rocks from the Nima area. <i>Global and Planetary Change</i> , 2023, 220, 103998.	1.6	3
140	Floodplain evolution during the early Paleogene within the Piceance Creek Basin, northwest Colorado, U.S.A. <i>Journal of Sedimentary Environments</i> , 2022, 7, 711-744.	0.7	0
141	Palaeomagnetism of the Sarmatian-Maeotian of the Eastern Paratethys: Remagnetization or Not?. <i>Izvestiya, Physics of the Solid Earth</i> , 2022, 58, 882-901.	0.2	0
142	Jurassic Paleomagnetism of the Lhasa Terrane—Implications for Tethys Evolution and True Polar Wander. <i>Journal of Geophysical Research: Solid Earth</i> , 2022, 127, .	1.4	5
143	Vector unmixing of multicomponent palaeomagnetic data. <i>Geophysical Journal International</i> , 0, , .	1.0	0
144	Precipitation variations of western equatorial Pacific during glacial–interglacial cycles since MIS8: Evidence from multi-proxy of abyssal sediment. <i>Frontiers in Earth Science</i> , 0, 10, .	0.8	0
146	Magnetic Properties of the Jurassic Sedimentary Rocks of the Central High Atlas Affected by a Regional Chemical Remagnetization. <i>Springer Geology</i> , 2023, , 249-284.	0.2	1
147	Quaternary Magnetic Stratigraphy of Deep-Sea Sediments in the Western North Pacific: Influences of Paleomagnetic Recording Efficiency and Lock-In Delay. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	0
148	A Smaller Greater India and a Middle-Early Eocene Collision With Asia. <i>Geophysical Research Letters</i> , 2023, 50, .	1.5	7
149	Sedimentary modulation of magnetic mineral records in the Central Bengal Fan. <i>Marine Geology</i> , 2023, 457, 107010.	0.9	2

#	ARTICLE	IF	CITATIONS
150	Rotation of a Ferromanganese Nodule in the Penrhyn Basin, South Pacific, Tracked by the Earth's Magnetic Field. <i>Geochemistry, Geophysics, Geosystems</i> , 2023, 24, .	1.0	0
151	Remagnetization Under Hydrothermal Alteration of South Tibetan Paleocene Lavas: Magnetization, Hematization, and Grain Size Reduction of (Ti,Fe) magnetite. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	1
152	Magnetic Properties of Australasian Tektites From South China. <i>Journal of Geophysical Research: Solid Earth</i> , 2023, 128, .	1.4	2
153	The Holy Cross Mountains (Poland) terranes paleoposition and depositional environment in Silurian "new insights from rock magnetic studies. <i>Geophysical Journal International</i> , 0, , .	1.0	0
154	Paleomagnetism, rock magnetism and age determination of effusive and explosive Holocene volcanism in the Momotombo-Managua-Masaya region, Nicaragua. <i>Journal of Volcanology and Geothermal Research</i> , 2023, 437, 107792.	0.8	0
155	Contamination Fingerprints in an Inactive W (Sn) Mine: The Regoufe Mine Study Case (Northern Tj ETQq1 1 0.784314 rgBT /Overloc	0.8	0
156	Acquisition of natural remanence in the basaltic laterites of Deccan volcanic province (India): Implications to palaeomagnetic studies in laterites. <i>Catena</i> , 2023, 228, 107154.	2.2	0
186	Expedition 390/393 summary. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	3
189	Site U1559. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	0
190	Site U1583. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	1
191	Expedition 390/393 methods. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	3
192	Site U1560. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	1
193	Site U1558. <i>Proceedings of the International Ocean Discovery Program</i> , 0, , .	0.0	2