

David Heslop

List of Publications by Year in descending order

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133
papers

7,749
citations

47006

47
h-index

54911

84
g-index

141
all docs

141
docs citations

141
times ranked

6762
citing authors

#	ARTICLE	IF	CITATIONS
1	Quantification of magnetic coercivity components by the analysis of acquisition curves of isothermal remanent magnetisation. <i>Earth and Planetary Science Letters</i> , 2001, 189, 269-276.	4.4	622
2	Correlation of Himalayan exhumation rates and Asian monsoon intensity. <i>Nature Geoscience</i> , 2008, 1, 875-880.	12.9	604
3	Sea-level variability over five glacial cycles. <i>Nature Communications</i> , 2014, 5, 5076.	12.8	325
4	Understanding fine magnetic particle systems through use of first-order reversal curve diagrams. <i>Reviews of Geophysics</i> , 2014, 52, 557-602.	23.0	310
5	Increase in African dust flux at the onset of commercial agriculture in the Sahel region. <i>Nature</i> , 2010, 466, 226-228.	27.8	247
6	Analysis of isothermal remanent magnetization acquisition curves using the expectation-maximization algorithm. <i>Geophysical Journal International</i> , 2002, 148, 58-64.	2.4	243
7	New methods for unmixing sediment grain size data. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 4494-4506.	2.5	241
8	A new astronomical timescale for the loess deposits of Northern China. <i>Earth and Planetary Science Letters</i> , 2000, 184, 125-139.	4.4	191
9	Distribution of major elements in Atlantic surface sediments (36°N–49°S): Imprint of terrigenous input and continental weathering. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	170
10	A Critical Appraisal of the ‘Day’ Diagram. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 2618-2644.	3.4	153
11	Magnetotactic bacterial abundance in pelagic marine environments is limited by organic carbon flux and availability of dissolved iron. <i>Earth and Planetary Science Letters</i> , 2011, 310, 441-452.	4.4	150
12	Resolving the Origin of Pseudo-Single Domain Magnetic Behavior. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 9534-9558.	3.4	145
13	Searching for single domain magnetite in the ‘pseudo-single domain’ sedimentary haystack: Implications of biogenic magnetite preservation for sediment magnetism and relative paleointensity determinations. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	143
14	Bipolar seesaw control on last interglacial sea level. <i>Nature</i> , 2015, 522, 197-201.	27.8	131
15	Using time- and temperature-dependent Preisach models to investigate the limitations of modelling isothermal remanent magnetization acquisition curves with cumulative log Gaussian functions. <i>Geophysical Journal International</i> , 2004, 157, 55-63.	2.4	123
16	Coupling of Indo-Pacific climate variability over the last millennium. <i>Nature</i> , 2020, 579, 385-392.	27.8	116
17	Dominant 100,000-year precipitation cyclicity in a late Miocene lake from northeast Tibet. <i>Science Advances</i> , 2017, 3, e1600762.	10.3	114
18	Interhemispheric symmetry of the tropical African rainbelt over the past 23,000 years. <i>Nature Geoscience</i> , 2011, 4, 42-45.	12.9	110

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19	Magnetic paleointensity stratigraphy and high-resolution Quaternary geochronology: successes and future challenges. <i>Quaternary Science Reviews</i> , 2013, 61, 1-16.	3.0	110
20	A 3 million year index for North African humidity/aridity and the implication of potential pan-African Humid periods. <i>Quaternary Science Reviews</i> , 2017, 171, 100-118.	3.0	108
21	Influence of magnetostatic interactions on first-order-reversal-curve (FORC) diagrams: a micromagnetic approach. <i>Geophysical Journal International</i> , 2004, 158, 888-897.	2.4	106
22	Rock magnetic identification and geochemical process models of greigite formation in Quaternary marine sediments from the Gulf of Mexico (IODP Hole U1319A). <i>Earth and Planetary Science Letters</i> , 2008, 275, 233-245.	4.4	100
23	Prediction of Geochemical Composition from XRF Core Scanner Data: A New Multivariate Approach Including Automatic Selection of Calibration Samples and Quantification of Uncertainties. <i>Developments in Paleoenvironmental Research</i> , 2015, , 507-534.	8.0	96
24	Unmixing magnetic remanence curves without a prior knowledge. <i>Geophysical Journal International</i> , 2007, 170, 556-566.	2.4	92
25	Millennial-scale northwest African droughts related to Heinrich events and Dansgaard-Oeschger cycles: Evidence in marine sediments from offshore Senegal. <i>Paleoceanography</i> , 2009, 24, .	3.0	84
26	Magnetic properties of pelagic marine carbonates. <i>Earth-Science Reviews</i> , 2013, 127, 111-139.	9.1	84
27	Post-depositional remanent magnetization lock-in for marine sediments deduced from ¹⁰ Be and paleomagnetic records through the Matuyama-Brunhes boundary. <i>Earth and Planetary Science Letters</i> , 2011, 311, 39-52.	4.4	73
28	Abrupt shifts of the Sahara-Sahel boundary during Heinrich stadials. <i>Climate of the Past</i> , 2013, 9, 1181-1191.	3.4	71
29	Discrimination of biogenic and detrital magnetite through a double Verwey transition temperature. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 3-14.	3.4	69
30	The new hominid skeleton from Sterkfontein, South Africa: age and preliminary assessment. <i>Journal of Quaternary Science</i> , 1999, 14, 293-298.	2.1	67
31	Terrigenous input off northern South America driven by changes in Amazonian climate and the North Brazil Current retroflexion during the last 250 ka. <i>Climate of the Past</i> , 2014, 10, 843-862.	3.4	66
32	Widespread occurrence of silicate-hosted magnetic mineral inclusions in marine sediments and their contribution to paleomagnetic recording. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 8415-8431.	3.4	65
33	Magnetic domain state diagnosis using hysteresis reversal curves. <i>Journal of Geophysical Research: Solid Earth</i> , 2017, 122, 4767-4789.	3.4	65
34	Measuring, Processing, and Analyzing Hysteresis Data. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1925-1945.	2.5	64
35	Assessing the ability of first-order reversal curve (FORC) diagrams to unravel complex magnetic signals. <i>Journal of Geophysical Research</i> , 2005, 110, .	3.3	63
36	Timing and structure of the mid-Pleistocene transition: records from the loess deposits of northern China. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2002, 185, 133-143.	2.3	62

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37	Numerical strategies for magnetic mineral unmixing. <i>Earth-Science Reviews</i> , 2015, 150, 256-284.	9.1	62
38	A protocol for variable-resolution first-order reversal curve measurements. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 1364-1377.	2.5	61
39	Signatures of Reductive Magnetic Mineral Diagenesis From Unmixing of First-Order Reversal Curves. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 4500-4522.	3.4	61
40	Estimation of significance levels and confidence intervals for first-order reversal curve distributions. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	57
41	Soil moisture balance and magnetic enhancement in loess "paleosol sequences from the Tibetan Plateau and Chinese Loess Plateau. <i>Earth and Planetary Science Letters</i> , 2015, 409, 120-132.	4.4	56
42	An Improved Algorithm for Unmixing First-Order Reversal Curve Diagrams Using Principal Component Analysis. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1595-1610.	2.5	56
43	Coupled microbial bloom and oxygenation decline recorded by magnetofossils during the Palaeocene "Eocene Thermal Maximum. <i>Nature Communications</i> , 2018, 9, 4007.	12.8	56
44	Spectral analysis of unevenly spaced climatic time series using CLEAN: signal recovery and derivation of significance levels using a Monte Carlo simulation. <i>Physics of the Earth and Planetary Interiors</i> , 2002, 130, 103-116.	1.9	53
45	Characterizing magnetofossils from first-order reversal curve (FORC) central ridge signatures. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2170-2179.	2.5	51
46	Low-temperature magnetic properties of pelagic carbonates: Oxidation of biogenic magnetite and identification of magnetosome chains. <i>Journal of Geophysical Research: Solid Earth</i> , 2013, 118, 6049-6065.	3.4	50
47	Aspects of calculating first-order reversal curve distributions. <i>Journal of Magnetism and Magnetic Materials</i> , 2005, 288, 155-167.	2.3	48
48	Using non-negative matrix factorization in the "unmixing" of diffuse reflectance spectra. <i>Marine Geology</i> , 2007, 241, 63-78.	2.1	45
49	On the statistical analysis of the rock magnetic S-ratio. <i>Geophysical Journal International</i> , 2009, 178, 159-161.	2.4	45
50	Quantifying magnetite magnetofossil contributions to sedimentary magnetizations. <i>Earth and Planetary Science Letters</i> , 2013, 382, 58-65.	4.4	44
51	Tropical Indo-Pacific hydroclimate response to North Atlantic forcing during the last deglaciation as recorded by a speleothem from Sumatra, Indonesia. <i>Earth and Planetary Science Letters</i> , 2018, 492, 264-278.	4.4	44
52	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.	3.4	44
53	Magnetic detection and characterization of biogenic magnetic minerals: A comparison of ferromagnetic resonance and first-order reversal curve diagrams. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 6136-6158.	3.4	42
54	Penultimate deglacial warming across the Mediterranean Sea revealed by clumped isotopes in foraminifera. <i>Scientific Reports</i> , 2017, 7, 16572.	3.3	42

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55	A method for unmixing magnetic hysteresis loops. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	38
56	The Senegal River mud belt: A high-resolution archive of paleoclimatic change and coastal evolution. <i>Marine Geology</i> , 2010, 278, 150-164.	2.1	37
57	Remanence acquisition efficiency in biogenic and detrital magnetite and recording of geomagnetic paleointensity. <i>Geochemistry, Geophysics, Geosystems</i> , 2017, 18, 1435-1450.	2.5	37
58	Sub-millennial scale variations in East Asian monsoon systems recorded by dust deposits from the north-western Chinese Loess Plateau. <i>Physics and Chemistry of the Earth</i> , 1999, 24, 785-792.	0.6	34
59	Variable remanence acquisition efficiency in sediments containing biogenic and detrital magnetites: Implications for relative paleointensity signal recording. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 2780-2796.	2.5	34
60	Late Miocene-early Pleistocene paleoclimate history of the Chinese Loess Plateau revealed by remanence unmixing. <i>Geophysical Research Letters</i> , 2014, 41, 2163-2168.	4.0	33
61	The pseudo-Thellier palaeointensity method: new calibration and uncertainty estimates. <i>Geophysical Journal International</i> , 2016, 207, 1596-1608.	2.4	30
62	Hematite ($\hat{I}\pm\text{Fe}_2\text{O}_3$) quantification in sedimentary magnetism: limitations of existing proxies and ways forward. <i>Geoscience Letters</i> , 2020, 7, .	3.3	30
63	Boundary scavenging at the East Atlantic margin does not negate use of $^{231}\text{Pa}/^{230}\text{Th}$ to trace Atlantic overturning. <i>Earth and Planetary Science Letters</i> , 2012, 333-334, 317-331.	4.4	29
64	Analyzing paleomagnetic data: To anchor or not to anchor?. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 7742-7753.	3.4	29
65	Sea level and deep-sea temperature reconstructions suggest quasi-stable states and critical transitions over the past 40 million years. <i>Science Advances</i> , 2021, 7, .	10.3	29
66	End-member modelling of isothermal remanent magnetization (IRM) acquisition curves: a novel approach to diagnose remagnetization. <i>Geophysical Journal International</i> , 2009, 178, 693-701.	2.4	28
67	Deriving confidence in paleointensity estimates. <i>Geochemistry, Geophysics, Geosystems</i> , 2010, 11, .	2.5	28
68	Estimating the concentration of aluminum-substituted hematite and goethite using diffuse reflectance spectrometry and rock magnetism: Feasibility and limitations. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 4180-4194.	3.4	28
69	A ~ 12 Myr Miocene Record of East Asian Monsoon Variability From the South China Sea. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2021PA004267.	2.9	26
70	Are hydrodynamic shape effects important when modelling the formation of depositional remanent magnetization?. <i>Geophysical Journal International</i> , 0, 171, 1029-1035.	2.4	23
71	Anthropogenic Forcings on the Surficial Osmium Cycle. <i>Environmental Science & Technology</i> , 2010, 44, 881-887.	10.0	23
72	A Holocene record of coastal landscape dynamics in the eastern Kimberley region, Australia. <i>Journal of Quaternary Science</i> , 2014, 29, 163-174.	2.1	23

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73	A Preisach method for estimating absolute paleofield intensity under the constraint of using only isothermal measurements: 1. Theoretical framework. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	22
74	Asian monsoon modulation of nonsteady state diagenesis in hemipelagic marine sediments offshore of <sc>Japan. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 4383-4398.	2.5	22
75	Southernmost evidence of large European Ice Sheet-derived freshwater discharges during the Heinrich Stadials of the Last Glacial Period (Galician Interior Basin, Northwest Iberian Continental) <i>Tj ETQq1 1 0.784314 rgBT 40verlock</i>		
76	Is there a link between geomagnetic reversal frequency and paleointensity? A Bayesian approach. <i>Journal of Geophysical Research: Solid Earth</i> , 2014, 119, 5290-5304.	3.4	21
77	Magnetic vortex effects on first-order reversal curve (FORC) diagrams for greigite dispersions. <i>Earth and Planetary Science Letters</i> , 2018, 501, 103-111.	4.4	21
78	A Preisach method for estimating absolute paleofield intensity under the constraint of using only isothermal measurements: 2. Experimental testing. <i>Journal of Geophysical Research</i> , 2011, 116, .	3.3	20
79	Multiproxy characterization and budgeting of terrigenous endmembers at the NW African continental margin. <i>Geochemistry, Geophysics, Geosystems</i> , 2012, 13, .	2.5	20
80	A 17,000 yr paleomagnetic secular variation record from the southeast Alaskan margin: Regional and global correlations. <i>Earth and Planetary Science Letters</i> , 2017, 473, 177-189.	4.4	20
81	Revisiting the Paleomagnetic Reversal Test: A Bayesian Hypothesis Testing Framework for a Common Mean Direction. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 7225-7236.	3.4	20
82	Title is missing!. <i>Studia Geophysica Et Geodaetica</i> , 2003, 47, 255-274.	0.5	19
83	Tracking provenance change during the late Miocene in the eastern Mediterranean using geochemical and environmental magnetic parameters. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	19
84	Reduced North Atlantic Central Water formation in response to early Holocene ice sheet melting. <i>Geophysical Research Letters</i> , 2010, 37, .	4.0	18
85	Calculating uncertainties on predictions of palaeoprecipitation from the magnetic properties of soils. <i>Global and Planetary Change</i> , 2013, 110, 379-385.	3.5	18
86	Climatic control of magnetic granulometry in the Mircea Vodă loess/paleosol sequence (Dobrogea,) <i>Tj ETQq0 0 0 rgBT /Overlock 10 Tf</i>	1.5	18
87	Magnetism of Al-substituted magnetite reduced from Al-hematite. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 4195-4210.	3.4	18
88	Simulation of Remanent, Transient, and Induced FORC Diagrams for Interacting Particles With Uniaxial, Cubic, and Hexagonal Anisotropy. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 12404-12429.	3.4	18
89	Volcanic records of the Laschamp geomagnetic excursion from Mt Ruapehu, New Zealand. <i>Earth and Planetary Science Letters</i> , 2017, 472, 131-141.	4.4	17
90	Late Miocene paleoenvironmental changes in North Africa and the Mediterranean recorded by geochemical proxies (Monte Gibliscemi section, Sicily). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 285, 66-73.	2.3	16

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91	Organic carbon burial in Mediterranean sapropels intensified during Green Sahara Periods since 3.2 Myr ago. <i>Communications Earth & Environment</i> , 2022, 3, .	6.8	15
92	Unlocking information about fine magnetic particle assemblages from first-order reversal curve diagrams: Recent advances. <i>Earth-Science Reviews</i> , 2022, 227, 103950.	9.1	15
93	The role of magnetostatic interactions in sediment suspensions. <i>Geophysical Journal International</i> , 2006, 165, 775-785.	2.4	14
94	Estimating best fit binary mixing lines in the Day plot. <i>Journal of Geophysical Research</i> , 2012, 117, .	3.3	14
95	Estimation and propagation of uncertainties associated with paleomagnetic directions. <i>Journal of Geophysical Research: Solid Earth</i> , 2016, 121, 2274-2289.	3.4	14
96	Micromagnetic simulations of first-order reversal curve (FORC) diagrams of framboidal greigite. <i>Geophysical Journal International</i> , 2020, 222, 1126-1134.	2.4	14
97	Insights into magmatic processes and hydrothermal alteration of in situ superfast spreading ocean crust at ODP/IODP site 1256 from a cluster analysis of rock magnetic properties. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3430-3447.	2.5	13
98	Influence of Sea Level Change and Centennial East Asian Monsoon Variations on Northern South China Sea Sediments Over the Past 36 kyr. <i>Geochemistry, Geophysics, Geosystems</i> , 2018, 19, 1674-1689.	2.5	13
99	Diagnosing the uncertainty of taxa relative abundances derived from count data. <i>Marine Micropaleontology</i> , 2011, 79, 114-120.	1.2	12
100	Syntectonic emplacement of Late Cretaceous mafic dyke swarms in coastal southeastern China: Insights from magnetic fabrics, rock magnetism and field evidence. <i>Tectonophysics</i> , 2014, 637, 328-340.	2.2	12
101	A statistical simulation of magnetic particle alignment in sediments. <i>Geophysical Journal International</i> , 2014, 197, 828-837.	2.4	12
102	Source-to-sink magnetic properties of NE Saharan dust in Eastern Mediterranean marine sediments: review and paleoenvironmental implications. <i>Frontiers in Earth Science</i> , 2015, 3, .	1.8	12
103	Mapping hydrocarbon charge-points in the Wessex Basin using seismic, geochemistry and mineral magnetics. <i>Marine and Petroleum Geology</i> , 2020, 111, 510-528.	3.3	12
104	Quantifying the Similarity of Paleomagnetic Poles. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 12388-12403.	3.4	11
105	Uncertainty Propagation in Hierarchical Paleomagnetic Reconstructions. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019488.	3.4	11
106	Detrital remanent magnetization of single-crystal silicates with magnetic inclusions: constraints from deposition experiments. <i>Geophysical Journal International</i> , 2020, 224, 2001-2015.	2.4	11
107	A wavelet investigation of possible orbital influences on past geomagnetic field intensity. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	10
108	Magnetic Domain State Diagnosis in Soils, Loess, and Marine Sediments From Multiple First-Order Reversal Curve-Type Diagrams. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 998-1017.	3.4	9

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109	Continental-scale magnetic properties of surficial Australian soils. <i>Earth-Science Reviews</i> , 2020, 203, 103028.	9.1	9
110	An Automatic Model Selection-Based Machine Learning Framework to Estimate FORC Distributions. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB020418.	3.4	9
111	A Monte Carlo investigation of the representation of thermally activated single-domain particles within the Day plot. <i>Studia Geophysica Et Geodaetica</i> , 2005, 49, 163-176.	0.5	8
112	Magnetic Domain State and Anisotropy in Hematite (Fe_2O_3) From First-Order Reversal Curve Diagrams. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB023027.	3.4	8
113	A Bayesian Approach to the Paleomagnetic Conglomerate Test. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 1132-1142.	3.4	7
114	Paleomagnetic Recording Efficiency of Sedimentary Magnetic Mineral Inclusions: Implications for Relative Paleointensity Determinations. <i>Journal of Geophysical Research: Solid Earth</i> , 2019, 124, 6267-6279.	3.4	7
115	Assessment and Integration of Bulk and Component-Specific Methods for Identifying Mineral Magnetic Assemblages in Environmental Magnetism. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2019JB019024.	3.4	7
116	Can oceanic paleothermometers reconstruct the Atlantic Multidecadal Oscillation?. <i>Climate of the Past</i> , 2011, 7, 151-159.	3.4	6
117	Fingerprinting of the Atlantic meridional overturning circulation in climate models to aid in the design of proxy investigations. <i>Climate Dynamics</i> , 2012, 38, 1047-1064.	3.8	6
118	Unmixing hysteresis loops of the late Miocene-early Pleistocene loess-red clay sequence. <i>Scientific Reports</i> , 2016, 6, 29515.	3.3	6
119	Environmental magnetic fingerprinting of anthropogenic and natural atmospheric deposition over southwestern Europe. <i>Atmospheric Environment</i> , 2021, 261, 118568.	4.1	6
120	Thermal fluctuation fields in basalts. <i>Earth, Planets and Space</i> , 2009, 61, 111-117.	2.5	5
121	Concurrent tectonic and climatic changes recorded in upper Tortonian sediments from the Eastern Mediterranean. <i>Terra Nova</i> , 2010, 22, 52-63.	2.1	5
122	Testing the use of viscous remanent magnetisation to date flood events. <i>Frontiers in Earth Science</i> , 2015, 3, .	1.8	5
123	Dredging and canal gate technologies in Portus, the ancient harbour of Rome, reconstructed from event stratigraphy and multi-proxy sediment analysis. <i>Quaternary International</i> , 2019, 511, 78-93.	1.5	5
124	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, .	3.4	5
125	Salt production in pre-Funan Vietnam: archaeomagnetic reorientation of briquetage fragments. <i>Journal of Archaeological Science</i> , 2009, 36, 84-89.	2.4	4
126	Dating of tsunami boulders from Ishigaki Island, Japan, with a modified viscous remanent magnetization approach. <i>Earth and Planetary Science Letters</i> , 2019, 520, 94-104.	4.4	4

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127	Midlatitude Southern Hemisphere Temperature Change at the End of the Eocene Greenhouse Shortly Before Dawn of the Oligocene Icehouse. <i>Paleoceanography and Paleoclimatology</i> , 2019, 34, 1995-2004.	2.9	4
128	Chronostratigraphy of a 270-ka sediment record from Lake Selina, Tasmania: Combining radiometric, geomagnetic and climatic dating. <i>Quaternary Geochronology</i> , 2021, 62, 101152.	1.4	4
129	Directions Old and New: Palaeomagnetism and Fisher (1953) Meet Modern Statistics. <i>International Statistical Review</i> , 2022, 90, 237-258.	1.9	4
130	Climatically Modulated Dust Inputs from New Zealand to the Southwest Pacific Sector of the Southern Ocean Over the Last 410 kyr. <i>Paleoceanography and Paleoclimatology</i> , 2021, 36, e2020PA003949.	2.9	2
131	Quantitative assessment of the oxygen isotope composition of fish otoliths from Lake Mungo, Australia. <i>Quaternary Research</i> , 2021, 102, 234-246.	1.7	1
132	Low-temperature Magnetic Properties of Marine Sediments – Quantifying Magnetofossils, Superparamagnetism, and Magnetization: Eastern Mediterranean Examples. <i>Journal of Geophysical Research: Solid Earth</i> , 2021, 126, e2021JB021793.	3.4	1
133	Data report: natural remanent magnetization of IODP Holes U1319A, U1320A, U1322B, and U1324B and magnetic carrier identification by scanning electron microscopy. <i>Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program</i> , 0, , .	1.0	1