

Lisa Tauxe

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166
papers

9,770
citations

55
h-index

95
g-index

199
ext. papers

10,945
ext. citations

7.2
avg, IF

6.35
L-index

#	Paper	IF	Citations
166	Sedimentary records of relative paleointensity of the geomagnetic field: Theory and practice. <i>Reviews of Geophysics</i> , 1993 , 31, 319	23.1	472
165	Potbellies, wasp-waists, and superparamagnetism in magnetic hysteresis. <i>Journal of Geophysical Research</i> , 1996 , 101, 571-583		471
164	Environmental magnetism: Principles and applications. <i>Reviews of Geophysics</i> , 2012 , 50,	23.1	376
163	Long-term variations in palaeointensity. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000 , 358, 1065-1088	3	298
162	Essentials of Paleomagnetism 2010 ,		259
161	Paleomagnetic Chronology, Fluvial Processes, and Tectonic Implications of the Siwalik Deposits near Chinji Village, Pakistan. <i>Journal of Geology</i> , 1985 , 93, 27-40	2	248
160	Strength of the geomagnetic field in the Cretaceous Normal Superchron: New data from submarine basaltic glass of the Troodos Ophiolite. <i>Geochemistry, Geophysics, Geosystems</i> , 2004 , 5, n/a-n/a	3.6	222
159	Persistent near-tropical warmth on the Antarctic continent during the early Eocene epoch. <i>Nature</i> , 2012 , 488, 73-7	50.4	201
158	Astronomical calibration of the Matuyama-Brunhes boundary: Consequences for magnetic remanence acquisition in marine carbonates and the Asian loess sequences. <i>Earth and Planetary Science Letters</i> , 1996 , 140, 133-146	5.3	191
157	Recent investigations of the 0.8 Ma geomagnetic field recorded by lava flows. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	189
156	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. <i>Nature Geoscience</i> , 2013 , 6, 765-769	18.3	180
155	The fold test: an eigen analysis approach. <i>Earth and Planetary Science Letters</i> , 1994 , 122, 331-341	5.3	177
154	Properties of a detrital remanence carried by haematite from study of modern river deposits and laboratory redeposition experiments. <i>Geophysical Journal International</i> , 1984 , 76, 543-561	2.6	156
153	PmagPy: Software package for paleomagnetic data analysis and a bridge to the Magnetism Information Consortium (MagIC) Database. <i>Geochemistry, Geophysics, Geosystems</i> , 2016 , 17, 2450-2463	3.6	147
152	Toward an optimal geomagnetic field intensity determination technique. <i>Geochemistry, Geophysics, Geosystems</i> , 2004 , 5, n/a-n/a	3.6	136
151	Corrected Late Triassic latitudes for continents adjacent to the North Atlantic. <i>Science</i> , 2005 , 307, 240-4	33.3	135
150	The effect of remanence anisotropy on paleointensity estimates: a case study from the Archean Stillwater Complex. <i>Earth and Planetary Science Letters</i> , 2000 , 183, 403-416	5.3	134

149	The bootstrap for magnetic susceptibility tensors. <i>Journal of Geophysical Research</i> , 1990 , 95, 8383		133
148	PADM2M: a penalized maximum likelihood model of the 0-2 Ma palaeomagnetic axial dipole moment. <i>Geophysical Journal International</i> , 2011 , 184, 1069-1089	2.6	131
147	Physical interpretation of hysteresis loops: Micromagnetic modeling of fine particle magnetite. <i>Geochemistry, Geophysics, Geosystems</i> , 2002 , 3, 1-22	3.6	128
146	Geomagnetic palaeointensities during the Cretaceous normal superchron measured using submarine basaltic glass. <i>Nature</i> , 1993 , 366, 238-242	50.4	124
145	Palaeomagnetic field intensity variations suggest Mesoproterozoic inner-core nucleation. <i>Nature</i> , 2015 , 526, 245-8	50.4	123
144	The intensity of the Earth's magnetic field over the past 160 million years. <i>Nature</i> , 1998 , 394, 878-881	50.4	122
143	Testing corrections for paleomagnetic inclination error in sedimentary rocks: A comparative approach. <i>Physics of the Earth and Planetary Interiors</i> , 2008 , 169, 152-165	2.3	120
142	On improving the selection of Thellier-type paleointensity data. <i>Geochemistry, Geophysics, Geosystems</i> , 2014 , 15, 1180-1192	3.6	119
141	Flow directions in dikes from anisotropy of magnetic susceptibility data: The bootstrap way. <i>Journal of Geophysical Research</i> , 1998 , 103, 17775-17790		115
140	Relative paleointensity in sediments: A Pseudo-Thellier Approach. <i>Geophysical Research Letters</i> , 1995 , 22, 2885-2888	4.9	108
139	Inclination flattening and the geocentric axial dipole hypothesis. <i>Earth and Planetary Science Letters</i> , 2005 , 233, 247-261	5.3	107
138	A Simplified Statistical Model for the Geomagnetic Field and the Detection of Shallow Bias in Paleomagnetic Inclinations: was the Ancient Magnetic Field Dipolar?. <i>Geophysical Monograph Series</i> , 2013 , 101-115	1.1	106
137	Depositional remanent magnetization: Toward an improved theoretical and experimental foundation. <i>Earth and Planetary Science Letters</i> , 2006 , 244, 515-529	5.3	100
136	A precursor to the Matuyama/Brunhes transition-field instability as recorded in pelagic sediments. <i>Earth and Planetary Science Letters</i> , 1996 , 138, 121-135	5.3	97
135	A Critical Appraisal of the Day Diagram. <i>Journal of Geophysical Research: Solid Earth</i> , 2018 , 123, 2618-2646	3.6	96
134	A time framework based on magnetostratigraphy for the siwalik sediments of the Khaur area, Northern Pakistan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1982 , 37, 43-61	2.9	96
133	Geomagnetic intensity spike recorded in high resolution slag deposit in Southern Jordan. <i>Earth and Planetary Science Letters</i> , 2009 , 287, 529-539	5.3	95
132	Astronomical calibration age for the Oligocene-Miocene boundary. <i>Geology</i> , 2000 , 28, 447	5	93

131	Holocene paleointensities: Thellier Experiments on submarine basaltic glass from the East Pacific Rise. <i>Journal of Geophysical Research</i> , 1993 , 98, 17949-17964		93
130	Bootstrap statistics for paleomagnetic data. <i>Journal of Geophysical Research</i> , 1991 , 96, 11723		92
129	Orbital forcing of the East Antarctic ice sheet during the Pliocene and Early Pleistocene. <i>Nature Geoscience</i> , 2014 , 7, 841-847	18.3	89
128	Geomagnetic field intensity: How high can it get? How fast can it change? Constraints from Iron Age copper slag. <i>Earth and Planetary Science Letters</i> , 2011 , 301, 297-306	5.3	89
127	⁴⁰ Ar/ ³⁹ Ar ages and paleomagnetism of S _B Miguel lavas, Azores. <i>Earth and Planetary Science Letters</i> , 1998 , 160, 637-649	5.3	89
126	Magnetic paleointensity stratigraphy and high-resolution Quaternary geochronology: successes and future challenges. <i>Quaternary Science Reviews</i> , 2013 , 61, 1-16	3.9	86
125	Reorganization of Southern Ocean plankton ecosystem at the onset of Antarctic glaciation. <i>Science</i> , 2013 , 340, 341-4	33.3	79
124	Dike surface lineations as magma flow indicators within the sheeted dike complex of the Troodos Ophiolite, Cyprus. <i>Journal of Geophysical Research</i> , 1998 , 103, 5241-5256		79
123	Anisotropy of Magnetic Susceptibility and Remanence: Developments in the Characterization of Tectonic, Sedimentary and Igneous Fabric. <i>Reviews of Geophysics</i> , 1991 , 29, 371-376	23.1	76
122	Long-term trends in paleointensity: The contribution of DSDP/ODP submarine basaltic glass collections. <i>Physics of the Earth and Planetary Interiors</i> , 2006 , 156, 223-241	2.3	73
121	Shallow intrusive directions of sheeted dikes in the Troodos ophiolite: Anisotropy of magnetic susceptibility and structural data. <i>Geology</i> , 1992 , 20, 841	5	73
120	Thellier GUI: An integrated tool for analyzing paleointensity data from Thellier-type experiments. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 677-692	3.6	72
119	11 million years of Oligocene geomagnetic field behaviour. <i>Geophysical Journal International</i> , 1997 , 128, 217-229	2.6	68
118	Toward age determination of the M0r (Barremian/Aptian boundary) of the Early Cretaceous. <i>Physics of the Earth and Planetary Interiors</i> , 2008 , 169, 41-48	2.3	65
117	Use of anisotropy to determine the origin of characteristic remanence in the Siwalik red beds of northern Pakistan. <i>Journal of Geophysical Research</i> , 1990 , 95, 4391		65
116	Chronostratigraphic framework for the IODP Expedition 318 cores from the Wilkes Land Margin: Constraints for paleoceanographic reconstruction. <i>Paleoceanography</i> , 2012 , 27, n/a-n/a		64
115	Large geomagnetic field anomalies revealed in Bronze to Iron Age archeomagnetic data from Tel Megiddo and Tel Hazor, Israel. <i>Earth and Planetary Science Letters</i> , 2016 , 442, 173-185	5.3	61
114	Testing the IZZI protocol of geomagnetic field intensity determination. <i>Geochemistry, Geophysics, Geosystems</i> , 2005 , 6, n/a-n/a	3.6	60

113	Characteristics of magnetite in submarine basaltic glass. <i>Geophysical Journal International</i> , 1994 , 119, 116-128	2.6	60
112	The intensity of the time-averaged geomagnetic field: the last 5 Myr. <i>Earth and Planetary Science Letters</i> , 2000 , 175, 169-180	5.3	57
111	Noise in the quiet zone. <i>Earth and Planetary Science Letters</i> , 2001 , 190, 13-30	5.3	54
110	Application of copper slag in geomagnetic archaeointensity research. <i>Journal of Geophysical Research</i> , 2008 , 113,		53
109	Patterns of magma flow in segmented silicic dikes at Summer Coon volcano, Colorado: AMS and thin section analysis. <i>Earth and Planetary Science Letters</i> , 2004 , 219, 155-169	5.3	52
108	Paleomagnetic field properties at high southern latitude. <i>Geochemistry, Geophysics, Geosystems</i> , 2009 , 10, n/a-n/a	3.6	48
107	Lunar paleointensity measurements: Implications for lunar magnetic evolution. <i>Physics of the Earth and Planetary Interiors</i> , 2008 , 168, 71-87	2.3	48
106	The magnetostratigraphy of Leg 73 sediments. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1983 , 42, 65-90	2.9	48
105	Nonlinear thermoremanence acquisition and implications for paleointensity data. <i>Earth and Planetary Science Letters</i> , 2007 , 256, 81-89	5.3	47
104	Paleointensities 2007 , 509-563		46
103	Paleosecular variation models for ancient times: Clues from Keweenawan lava flows. <i>Physics of the Earth and Planetary Interiors</i> , 2009 , 177, 31-45	2.3	45
102	Analysis of 11 Myr of geomagnetic intensity variation. <i>Journal of Geophysical Research</i> , 1998 , 103, 17735-17748	4.5	
101	A New Chronological Framework for Iron Age Copper Production at Timna (Israel). <i>Bulletin of the American Schools of Oriental Research</i> , 2012 , 367, 31-71	0.2	44
100	Paleointensities 2007 , 509-563		42
99	PSV10: A Global Data Set for 0-10 Ma Time-Averaged Field and Paleosecular Variation Studies. <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 1533-1558	3.6	42
98	Paleointensity estimates from historic and modern Hawaiian lava flows using glassy basalt as a primary source material. <i>Physics of the Earth and Planetary Interiors</i> , 2015 , 241, 44-56	2.3	41
97	Paleomagnetism of the southwestern U.S.A. recorded by 0-8 Ma igneous rocks. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4,	3.6	41
96	Shallow bias in Mediterranean paleomagnetic directions caused by inclination error. <i>Earth and Planetary Science Letters</i> , 2004 , 222, 685-695	5.3	41

95	A new approach for geomagnetic archaeointensity research: insights on ancient metallurgy in the Southern Levant. <i>Journal of Archaeological Science</i> , 2008 , 35, 2863-2879	2.9	40
94	A reassessment of post-depositional remanent magnetism: preliminary experiments with natural sediments. <i>Earth and Planetary Science Letters</i> , 2000 , 183, 147-160	5.3	40
93	Archaeointensity results spanning the past 6 kiloyears from eastern China and implications for extreme behaviors of the geomagnetic field. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 39-44	11.5	39
92	Paleointensity results from the Jurassic: New constraints from submarine basaltic glasses of ODP Site 801C. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 4718-4733	3.6	39
91	Contribution of induced magnetization to magnetization of seamounts. <i>Nature</i> , 1989 , 342, 170-173	50.4	39
90	Acquisition of chemical remanent magnetization during experimental ferrihydrite hematite conversion in Earth-like magnetic field: Implications for paleomagnetic studies of red beds. <i>Earth and Planetary Science Letters</i> , 2015 , 428, 1-10	5.3	38
89	The beginning of Iron Age copper production in the southern Levant: new evidence from Khirbat al-Jariya, Faynan, Jordan. <i>Antiquity</i> , 2010 , 84, 724-746	1	38
88	Testing the accuracy of absolute intensity estimates of the ancient geomagnetic field using copper slag material. <i>Earth and Planetary Science Letters</i> , 2010 , 290, 201-213	5.3	37
87	A jackknife for magnetostratigraphy. <i>Geophysical Research Letters</i> , 1991 , 18, 1783-1786	4.9	37
86	Effects of pH and salinity on the intensity of magnetization in redeposited sediments. <i>Earth and Planetary Science Letters</i> , 2000 , 181, 489-496	5.3	36
85	Paleomagnetism of Miocene East African Rift sediments and the calibration of the geomagnetic reversal time scale. <i>Journal of Geophysical Research</i> , 1985 , 90, 4639-4646		36
84	Six centuries of geomagnetic intensity variations recorded by royal Judean stamped jar handles. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2017 , 114, 2160-2165	11.5	35
83	Full vector model for magnetization in sediments. <i>Earth and Planetary Science Letters</i> , 2009 , 286, 535-545	5.3	33
82	E/I corrected paleolatitudes for the sedimentary rocks of the Baja British Columbia hypothesis. <i>Earth and Planetary Science Letters</i> , 2006 , 242, 205-216	5.3	33
81	Paleomagnetism and ⁴⁰ Ar/ ³⁹ Ar ages from volcanics extruded during the Matuyama and Brunhes Chrons near McMurdo Sound, Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2004 , 5,	3.6	33
80	Estimating the error of age interpolation in sedimentary rocks. <i>Nature</i> , 1986 , 319, 139-141	50.4	33
79	Two thousand years of archeointensity from West Africa. <i>Earth and Planetary Science Letters</i> , 2013 , 364, 123-133	5.3	32
78	Shallow bias in Neogene palaeomagnetic directions from the Guide Basin, NE Tibet, caused by inclination error. <i>Geophysical Journal International</i> , 2005 , 163, 944-948	2.6	32

77	Decadal-scale variations in geomagnetic field intensity from ancient Cypriot slag mounds. <i>Geochemistry, Geophysics, Geosystems</i> , 2015 , 16, 195-214	3.6	31
76	Geomagnetic intensity variations for the past 8 kyr: New archaeointensity results from Eastern China. <i>Earth and Planetary Science Letters</i> , 2014 , 392, 217-229	5.3	30
75	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	3.6	29
74	Paleomagnetic results from the Snake River Plain: Contribution to the time-averaged field global database. <i>Geochemistry, Geophysics, Geosystems</i> , 2004 , 5,	3.6	29
73	Characterization of soft-sediment deformation: Detection of cryptoslumps using magnetic methods. <i>Geology</i> , 2003 , 31, 203	5	28
72	In search of long-term hemispheric asymmetry in the geomagnetic field: Results from high northern latitudes. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 3234-3249	3.6	27
71	Paleomagnetic field intensity derived from non-SD: Testing the Thellier IZZI technique on MD slag and a new bootstrap procedure. <i>Earth and Planetary Science Letters</i> , 2011 , 310, 213-224	5.3	27
70	A view into the Cretaceous geomagnetic field from analysis of gabbros and submarine glasses. <i>Earth and Planetary Science Letters</i> , 2007 , 256, 1-11	5.3	27
69	Archaeomagnetic intensity results from California and Ecuador: evaluation of regional data. <i>Earth and Planetary Science Letters</i> , 2002 , 203, 967-981	5.3	27
68	Paleointensities 2015 , 461-509		25
67	Source of tiny wiggles in Chron C5: A comparison of sedimentary relative intensity and marine magnetic anomalies. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4, n/a-n/a	3.6	25
66	Paleomagnetism and $^{40}\text{Ar}/^{39}\text{Ar}$ ages from La Palma in the Canary Islands. <i>Geochemistry, Geophysics, Geosystems</i> , 2000 , 1, n/a-n/a	3.6	25
65	Detecting compaction disequilibrium with anisotropy of magnetic susceptibility. <i>Geochemistry, Geophysics, Geosystems</i> , 2006 , 7, n/a-n/a	3.6	23
64	New paleointensity results from rapidly cooled Icelandic lavas: Implications for Arctic geomagnetic field strength. <i>Journal of Geophysical Research: Solid Earth</i> , 2015 , 120, 2913-2934	3.6	21
63	Paleointensity in Hawaiian Scientific Drilling Project Hole (HSDP2): Results from submarine basaltic glass. <i>Geochemistry, Geophysics, Geosystems</i> , 2003 , 4,	3.6	21
62	Acquisition of chemical remanent magnetization by synthetic iron oxide. <i>Nature</i> , 1987 , 327, 610-612	50.4	21
61	Paleointensity determination from S $\tilde{\text{B}}$ Miguel (Azores Archipelago) over the last 3ka. <i>Physics of the Earth and Planetary Interiors</i> , 2014 , 234, 1-13	2.3	20
60	Further evidence of the Levantine Iron Age geomagnetic anomaly from Georgian pottery. <i>Geophysical Research Letters</i> , 2017 , 44, 2229-2236	4.9	19

59	Towards absolute calibration of sedimentary paleointensity records. <i>Earth and Planetary Science Letters</i> , 1996 , 143, 269-274	5.3	17
58	Temperature dependence of magnetic hysteresis. <i>Geochemistry, Geophysics, Geosystems</i> , 2004 , 5,	3.6	16
57	Thermomagnetic recording fidelity of nanometer-sized iron and implications for planetary magnetism. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2019 , 116, 1984-1991	11.5	15
56	Early Bronze Age copper production systems in the northern Arabah Valley: New insights from archaeomagnetic study of slag deposits in Jordan and Israel. <i>Journal of Archaeological Science</i> , 2016 , 72, 71-84	2.9	15
55	Silicate weathering machine at work: Rock magnetic data from the late Paleocene-Early Eocene Cicogna section, Italy. <i>Geochemistry, Geophysics, Geosystems</i> , 2010 , 11, n/a-n/a	3.6	15
54	A Reassessment of the Chronostratigraphy of Late Miocene C3-C4 Transitions. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003857	3.3	14
53	Detecting uniaxial single domain grains with a modified IRM technique. <i>Geophysical Journal International</i> , 2011 , 187, 1250-1258	2.6	14
52	Origin of continental margin morphology: Submarine-slide or downslope current-controlled bedforms, a rock magnetic approach. <i>Marine Geology</i> , 2007 , 240, 19-41	3.3	14
51	Geochemistry and intrusive directions in sheeted dikes in the Troodos ophiolite: Implications for mid-ocean ridge spreading centers. <i>Geochemistry, Geophysics, Geosystems</i> , 2000 , 1, n/a-n/a	3.6	14
50	On the use of magnetic transient hysteresis in paleomagnetism for granulometry. <i>Geochemistry, Geophysics, Geosystems</i> , 2005 , 6, n/a-n/a	3.6	13
49	Constraining early to middle Eocene climate evolution of the southwest Pacific and Southern Ocean. <i>Earth and Planetary Science Letters</i> , 2016 , 433, 380-392	5.3	13
48	Instability of thermoremanence and the problem of estimating the ancient geomagnetic field strength from non-single-domain recorders. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 11187-92	11.5	12
47	Miocene C4 Grassland Expansion as Recorded by the Indus Fan. <i>Paleoceanography and Paleoclimatology</i> , 2020 , 35, e2020PA003856	3.3	12
46	Paleointensity determination on a 1.786Ga old gabbro from Hoting, Central Sweden. <i>Earth and Planetary Science Letters</i> , 2011 , 309, 234-248	5.3	12
45	AMSSpin: A LabVIEW program for measuring the anisotropy of magnetic susceptibility with the Kappabridge KLY-4S. <i>Geochemistry, Geophysics, Geosystems</i> , 2008 , 9, n/a-n/a	3.6	12
44	Paleomagnetism and Paleosecular Variations From the Plio-Pleistocene Golan Heights Volcanic Plateau, Israel. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 4319-4335	3.6	11
43	New constraints on the variation of the geomagnetic field during the late Neolithic period: Archaeointensity results from Sichuan, southwestern China. <i>Journal of Geophysical Research: Solid Earth</i> , 2015 , 120, 2056-2069	3.6	11
42	Revised and updated paleomagnetic results from Costa Rica. <i>Geochemistry, Geophysics, Geosystems</i> , 2013 , 14, 3379-3388	3.6	11

41	From Nano to Micro: Evolution of Magnetic Domain Structures in Multidomain Magnetite. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 2907-2918	3.6	10
40	Grain-size-dependent remanence anisotropy and its implications for paleodirections and paleointensities [Proposing a new approach to anisotropy corrections. <i>Earth and Planetary Science Letters</i> , 2019 , 512, 111-123	5.3	10
39	Holocene Paleointensity of the Island of Hawai 'i From Glassy Volcanics. <i>Geochemistry, Geophysics, Geosystems</i> , 2018 , 19, 3224-3245	3.6	10
38	Paleomagnetic behavior of volcanic rocks from Isla Socorro, Mexico. <i>Earth, Planets and Space</i> , 2009 , 61, 191-204	2.9	10
37	Effect of multi-cycle heat treatment and pre-history dependence on partial thermoremanence (pTRM) and pTRM tails. <i>Physics of the Earth and Planetary Interiors</i> , 2006 , 157, 196-207	2.3	10
36	New archaeomagnetic direction results from China and their constraints on palaeosecular variation of the geomagnetic field in Eastern Asia. <i>Geophysical Journal International</i> , 2016 , 207, 1332-1342	2.6	10
35	Investigating the Accuracy, Precision, and Cooling Rate Dependence of Laboratory-Acquired Thermal Remanences During Paleointensity Experiments. <i>Geochemistry, Geophysics, Geosystems</i> , 2019 , 20, 383-397	3.6	9
34	A revised chronostratigraphic framework for International Ocean Discovery Program Expedition 355 sites in Laxmi Basin, eastern Arabian Sea. <i>Geological Magazine</i> , 2020 , 157, 961-978	2	9
33	Miocene to present oceanographic variability in the Scotia Sea and Antarctic ice sheets dynamics: Insight from revised seismic-stratigraphy following IODP Expedition 382. <i>Earth and Planetary Science Letters</i> , 2021 , 553, 116657	5.3	9
32	Geology of the Wilkes land sub-basin and stability of the East Antarctic Ice Sheet: Insights from rock magnetism at IODP Site U1361. <i>Earth and Planetary Science Letters</i> , 2015 , 412, 61-69	5.3	8
31	Is there a normal magnetic-polarity event during the Palaeocene-Eocene thermal maximum (~55 Ma)? Insights from the palaeomagnetic record of the Belluno Basin (Italy). <i>Geophysical Journal International</i> , 2012 , 191, 517-529	2.6	8
30	Large-scale mass wasting on the Miocene continental margin of western India. <i>Bulletin of the Geological Society of America</i> , 2020 , 132, 85-112	3.9	7
29	Archaeomagnetic Dating of Pyrotechnological Contexts: a Case Study for Copper Smelting Sites in the Central Timna Valley, Israel. <i>Archaeometry</i> , 2018 , 60, 554-570	1.6	7
28	pySCu: A new python code for analyzing remagnetizations directions by means of small circle utilities. <i>Computers and Geosciences</i> , 2017 , 109, 32-42	4.5	6
27	Recent Advances in Chinese Archeomagnetism. <i>Frontiers in Earth Science</i> , 2017 , 5,	3.5	6
26	Weak palaeointensity results over a Pliocene volcanic sequence from Lesser Caucasus (Georgia): transitional record or time averaged field?. <i>Geophysical Journal International</i> , 2020 , 220, 1604-1618	2.6	6
25	High-Fidelity Archeointensity Results for the Late Neolithic Period From Central China. <i>Geophysical Research Letters</i> , 2020 , 47, e2020GL087625	4.9	5
24	Archeointensity of the Four Corners Region of the American Southwest. <i>Geochemistry, Geophysics, Geosystems</i> , 2020 , 21, e2018GC007509	3.6	5

23	Paleointensity From Subaerial Basaltic Glasses From the Second Hawaii Scientific Drilling Project (HSDP2) Core and Implications for Possible Bias in Data From Lava Flow Interiors. <i>Journal of Geophysical Research: Solid Earth</i> , 2017 , 122, 8664-8674	3.6	5
22	Micromagnetic models of the effect of particle shape on magnetic hysteresis. <i>Physics of the Earth and Planetary Interiors</i> , 2008 , 169, 92-99	2.3	5
21	Understanding Nonideal Paleointensity Recording in Igneous Rocks: Insights From Aging Experiments on Lava Samples and the Causes and Consequences of Fragile Curvature in Arai Plots. <i>Geochemistry, Geophysics, Geosystems</i> , 2021 , 22,	3.6	5
20	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	3.6	4
19	ARCHAEOMAGNETIC DATING OF COPPER SMELTING SITE F2 IN THE TIMNA VALLEY (ISRAEL) AND ITS IMPLICATIONS FOR THE MODELLING OF ANCIENT TECHNOLOGICAL DEVELOPMENTS. <i>Archaeometry</i> , 2010 , 52, no-no	1.6	4
18	Detrital remanent magnetization of single-crystal silicates with magnetic inclusions: constraints from deposition experiments. <i>Geophysical Journal International</i> , 2020 , 224, 2001-2015	2.6	4
17	Long-IRM and relative paleointensity estimates in sediments. <i>Earth and Planetary Science Letters</i> , 1999 , 168, 145-158	5.3	3
16	Reply to comment by K. Fabian on Detecting uniaxial single domain grains with a modified IRM technique. <i>Geophysical Journal International</i> , 2012 , 191, 46-50	2.6	2
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