Lisa Tauxe

List of Publications by Year in Descending Order

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	Antiphased dust deposition and productivity in the Antarctic Zone over 1.5 million years.. *Nature Communications*, **2022**, 13, 2044	17.4	0
165	Estimating the Effect of Cooling Rate on the Acquisition of Magnetic Remanence. *Geophysical Research Letters*, **2021**, 48, e2021GL095284	4.9	1
164	Models of Maghematization: Observational Evidence in Support of a Magnetic Unstable Zone. *Geochemistry, Geophysics, Geosystems*, **2021**, 22, e2020GC009504	3.6	1
163	Archaeomagnetic results from Cambodia in Southeast Asia: Evidence for possible low-latitude flux expulsion. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
162	Earth's Magnetic Field Strength and the Cretaceous Normal Superchron: New Data From Costa Rica. *Geochemistry, Geophysics, Geosystems*, **2021**, 22, e2020GC009605	3.6	2
161	Four-Dimensional Paleomagnetic Dataset: Plio-Pleistocene Paleodirection and Paleointensity Results From the Erebus Volcanic Province, Antarctica. *Journal of Geophysical Research: Solid Earth*, **2021**, 126, e2020JB020834	3.6	2
160	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. *Geochemistry, Geophysics, Geosystems*, **2021**, 22,	3.6	5
159	Miocene to present oceanographic variability in the Scotia Sea and Antarctic ice sheets dynamics: Insight from revised seismic-stratigraphy following IODP Expedition 382. *Earth and Planetary Science Letters*, **2021**, 553, 116657	5.3	9
158	New Magnetostratigraphic Insights From Iceberg Alley on the Rhythms of Antarctic Climate During the Plio-Pleistocene. *Paleoceanography and Paleoclimatology*, **2021**, 36, e2020PA003994	3.3	2
157	Bias Corrected Estimation of Paleointensity (BiCEP): An Improved Methodology for Obtaining Paleointensity Estimates. *Geochemistry, Geophysics, Geosystems*, **2021**, 22, e2021GC009755	3.6	1
156	The strength of the Earth's magnetic field from Pre-Pottery to Pottery Neolithic, Jordan. *Proceedings of the National Academy of Sciences of the United States of America*, **2021**, 118,	11.5	1
155	MagIC as a FAIR Repository for America's Directional Archaeomagnetic Legacy Data. *Journal of Geophysical Research: Solid Earth*, **2021**, 126, e2021JB022874	3.6	0
154	Miocene C4 Grassland Expansion as Recorded by the Indus Fan. *Paleoceanography and Paleoclimatology*, **2020**, 35, e2020PA003856	3.3	12
153	A Reassessment of the Chronostratigraphy of Late Miocene C3–C4 Transitions. *Paleoceanography and Paleoclimatology*, **2020**, 35, e2020PA003857	3.3	14
152	High-Fidelity Archeointensity Results for the Late Neolithic Period From Central China. *Geophysical Research Letters*, **2020**, 47, e2020GL087625	4.9	5
151	Archeointensity of the Four Corners Region of the American Southwest. *Geochemistry, Geophysics, Geosystems*, **2020**, 21, e2018GC007509	3.6	5
150	Detrital remanent magnetization of single-crystal silicates with magnetic inclusions: constraints from deposition experiments. *Geophysical Journal International*, **2020**, 224, 2001-2015	2.6	4

149	Large-scale mass wasting on the Miocene continental margin of western India. *Bulletin of the Geological Society of America*, **2020**, 132, 85-112	3.9	7
148	Weak palaeointensity results over a Pliocene volcanic sequence from Lesser Caucasus (Georgia): transitional record or time averaged field?. *Geophysical Journal International*, **2020**, 220, 1604-1618	2.6	6
147	A revised chronostratigraphic framework for International Ocean Discovery Program Expedition 355 sites in Laxmi Basin, eastern Arabian Sea. *Geological Magazine*, **2020**, 157, 961-978	2	9
146	Thermomagnetic recording fidelity of nanometer-sized iron and implications for planetary magnetism. *Proceedings of the National Academy of Sciences of the United States of America*, **2019**, 116, 1984-1991	11.5	15
145	From Nano to Micro: Evolution of Magnetic Domain Structures in Multidomain Magnetite. *Geochemistry, Geophysics, Geosystems*, **2019**, 20, 2907-2918	3.6	10
144	Domain State Diagnosis in Rock Magnetism: Evaluation of Potential Alternatives to the Day Diagram. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 5286-5314	3.6	29
143	Grain-size-dependent remanence anisotropy and its implications for paleodirections and paleointensities Proposing a new approach to anisotropy corrections. *Earth and Planetary Science Letters*, **2019**, 512, 111-123	5.3	10
142	Paleomagnetism and Paleosecular Variations From the Plio-Pleistocene Golan Heights Volcanic Plateau, Israel. *Geochemistry, Geophysics, Geosystems*, **2019**, 20, 4319-4335	3.6	11
141	Paleomagnetic Recording Efficiency of Sedimentary Magnetic Mineral Inclusions: Implications for Relative Paleointensity Determinations. *Journal of Geophysical Research: Solid Earth*, **2019**, 124, 6267-6279	3.6	4
140	Investigating the Accuracy, Precision, and Cooling Rate Dependence of Laboratory-Acquired Thermal Remanences During Paleointensity Experiments. *Geochemistry, Geophysics, Geosystems*, **2019**, 20, 383-397	3.6	9
139	A Critical Appraisal of the Day Diagram. *Journal of Geophysical Research: Solid Earth*, **2018**, 123, 2618-2644	3.6	96
138	Holocene Paleointensity of the Island of Hawai ‘i From Glassy Volcanics. *Geochemistry, Geophysics, Geosystems*, **2018**, 19, 3224-3245	3.6	10
137	Archaeomagnetic Dating of Pyrotechnological Contexts: a Case Study for Copper Smelting Sites in the Central Timna Valley, Israel. *Archaeometry*, **2018**, 60, 554-570	1.6	7
136	PSV10: A Global Data Set for 0 10 Ma Time-Averaged Field and Paleosecular Variation Studies. *Geochemistry, Geophysics, Geosystems*, **2018**, 19, 1533-1558	3.6	42
135	Further evidence of the Levantine Iron Age geomagnetic anomaly from Georgian pottery. *Geophysical Research Letters*, **2017**, 44, 2229-2236	4.9	19
134	Six centuries of geomagnetic intensity variations recorded by royal Judean stamped jar handles. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 2160-2165	11.5	35
133	Archaeointensity results spanning the past 6 kiloyears from eastern China and implications for extreme behaviors of the geomagnetic field. *Proceedings of the National Academy of Sciences of the United States of America*, **2017**, 114, 39-44	11.5	39
132	pySCu: A new python code for analyzing remagnetizations directions by means of small circle utilities. *Computers and Geosciences*, **2017**, 109, 32-42	4.5	6

131	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. *Journal of Geophysical Research: Solid Earth*, **2017**, 122, 8664-8674	3.6	5
130	Recent Advances in Chinese Archeomagnetism. *Frontiers in Earth Science*, **2017**, 5,	3.5	6
129	Early Bronze Age copper production systems in the northern Arabah Valley: New insights from archaeomagnetic study of slag deposits in Jordan and Israel. *Journal of Archaeological Science*, **2016** , 72, 71-84	2.9	15
128	Large geomagnetic field anomalies revealed in Bronze to Iron Age archeomagnetic data from Tel Megiddo and Tel Hazor, Israel. *Earth and Planetary Science Letters*, **2016**, 442, 173-185	5.3	61
127	PmagPy: Software package for paleomagnetic data analysis and a bridge to the Magnetics Information Consortium (MagIC) Database. *Geochemistry, Geophysics, Geosystems*, **2016**, 17, 2450-2463	3.6	147
126	Constraining early to middle Eocene climate evolution of the southwest Pacific and Southern Ocean. *Earth and Planetary Science Letters*, **2016**, 433, 380-392	5.3	13
125	New archaeomagnetic direction results from China and their constraints on palaeosecular variation of the geomagnetic field in Eastern Asia. *Geophysical Journal International*, **2016**, 207, 1332-1342	2.6	10
124	Acquisition of chemical remanent magnetization during experimental ferrihydrite□hematite conversion in Earth-like magnetic fields□Implications for paleomagnetic studies of red beds. *Earth and Planetary Science Letters*, **2015**, 428, 1-10	5.3	38
123	Paleointensities **2015**, 461-509		25
122	Paleointensity estimates from historic and modern Hawaiian lava flows using glassy basalt as a primary source material. *Physics of the Earth and Planetary Interiors*, **2015**, 241, 44-56	2.3	41
121	New paleointensity results from rapidly cooled Icelandic lavas: Implications for Arctic geomagnetic field strength. *Journal of Geophysical Research: Solid Earth*, **2015**, 120, 2913-2934	3.6	21
120	Palaeomagnetic field intensity variations suggest Mesoproterozoic inner-core nucleation. *Nature*, **2015**, 526, 245-8	50.4	123
119	Instability of thermoremanence and the problem of estimating the ancient geomagnetic field strength from non-single-domain recorders. *Proceedings of the National Academy of Sciences of the United States of America*, **2015**, 112, 11187-92	11.5	12
118	Decadal-scale variations in geomagnetic field intensity from ancient Cypriot slag mounds. *Geochemistry, Geophysics, Geosystems*, **2015**, 16, 195-214	3.6	31
117	New constraints on the variation of the geomagnetic field during the late Neolithic period: Archaeointensity results from Sichuan, southwestern China. *Journal of Geophysical Research: Solid Earth*, **2015**, 120, 2056-2069	3.6	11
116	Geology of the Wilkes land sub-basin and stability of the East Antarctic Ice Sheet: Insights from rock magnetism at IODP Site U1361. *Earth and Planetary Science Letters*, **2015**, 412, 61-69	5.3	8
115	On improving the selection of Thellier-type paleointensity data. *Geochemistry, Geophysics, Geosystems*, **2014**, 15, 1180-1192	3.6	119
114	Orbital forcing of the East Antarctic ice sheet during the Pliocene and Early Pleistocene. *Nature Geoscience*, **2014**, 7, 841-847	18.3	89

113	Paleointensity determination from S□ Miguel (Azores Archipelago) over the last 3ka. *Physics of the Earth and Planetary Interiors*, **2014**, 234, 1-13	2.3	20
112	Geomagnetic intensity variations for the past 8 kyr: New archaeointensity results from Eastern China. *Earth and Planetary Science Letters*, **2014**, 392, 217-229	5.3	30
111	Dynamic behaviour of the East Antarctic ice sheet during Pliocene warmth. *Nature Geoscience*, **2013**, 6, 765-769	18.3	180
110	Magnetic paleointensity stratigraphy and high-resolution Quaternary geochronology: successes and future challenges. *Quaternary Science Reviews*, **2013**, 61, 1-16	3.9	86
109	Thellier GUI: An integrated tool for analyzing paleointensity data from Thellier-type experiments. *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 677-692	3.6	72
108	Two thousand years of archeointensity from West Africa. *Earth and Planetary Science Letters*, **2013**, 364, 123-133	5.3	32
107	Revised and updated paleomagnetic results from Costa Rica. *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 3379-3388	3.6	11
106	Reorganization of Southern Ocean plankton ecosystem at the onset of Antarctic glaciation. *Science*, **2013**, 340, 341-4	33.3	79
105	A Simplified Statistical Model for the Geomagnetic Field and the Detection of Shallow Bias in Paleomagnetic Inclinations: was the Ancient Magnetic Field Dipolar?. *Geophysical Monograph Series*, **2013**, 101-115	1.1	106
104	In search of long-term hemispheric asymmetry in the geomagnetic field: Results from high northern latitudes. *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 3234-3249	3.6	27
103	Paleointensity results from the Jurassic: New constraints from submarine basaltic glasses of ODP Site 801C. *Geochemistry, Geophysics, Geosystems*, **2013**, 14, 4718-4733	3.6	39
102	Paleointensity results from the Jurassic: New constraints from submarine basaltic glasses of ODP Site 801C **2013**, 14, 4718		2
101	Environmental magnetism: Principles and applications. *Reviews of Geophysics*, **2012**, 50,	23.1	376
100	Reply to comment by K. Fabian on □Detecting uniaxial single domain grains with a modified IRM technique□*Geophysical Journal International*, **2012**, 191, 46-50	2.6	2
99	A New Chronological Framework for Iron Age Copper Production at Timna (Israel). *Bulletin of the American Schools of Oriental Research*, **2012**, 367, 31-71	0.2	44
98	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). *Geophysical Journal International*, **2012**, 191, 517-529	2.6	8
97	Hagai Ron (1944□2012). *Eos*, **2012**, 93, 475-475	1.5	
96	Chronostratigraphic framework for the IODP Expedition 318 cores from the Wilkes Land Margin: Constraints for paleoceanographic reconstruction. *Paleoceanography*, **2012**, 27, n/a-n/a		64

95	Persistent near-tropical warmth on the Antarctic continent during the early Eocene epoch. *Nature*, **2012**, 488, 73-7	50.4	201
94	Geomagnetic field intensity: How high can it get? How fast can it change? Constraints from Iron Age copper slag. *Earth and Planetary Science Letters*, **2011**, 301, 297-306	5.3	89
93	Paleointensity determination on a 1.786Ga old gabbro from Hoting, Central Sweden. *Earth and Planetary Science Letters*, **2011**, 309, 234-248	5.3	12
92	Paleomagnetic field intensity derived from non-SD: Testing the Thellier IZZI technique on MD slag and a new bootstrap procedure. *Earth and Planetary Science Letters*, **2011**, 310, 213-224	5.3	27
91	PADM2M: a penalized maximum likelihood model of the 0-2 Ma palaeomagnetic axial dipole moment. *Geophysical Journal International*, **2011**, 184, 1069-1089	2.6	131
90	Detecting uniaxial single domain grains with a modified IRM technique. *Geophysical Journal International*, **2011**, 187, 1250-1258	2.6	14
89	ARCHAEOMAGNETIC DATING OF COPPER SMELTING SITE F2 IN THE TIMNA VALLEY (ISRAEL) AND ITS IMPLICATIONS FOR THE MODELLING OF ANCIENT TECHNOLOGICAL DEVELOPMENTS. *Archaeometry*, **2010**, 52, no-no	1.6	4
88	The beginning of Iron Age copper production in the southern Levant: new evidence from Khirbat al-Jariya, Faynan, Jordan. *Antiquity*, **2010**, 84, 724-746	1	38
87	Silicate weathering machine at work: Rock magnetic data from the late Paleocene–early Eocene Cicogna section, Italy. *Geochemistry, Geophysics, Geosystems*, **2010**, 11, n/a-n/a	3.6	15
86	Testing the accuracy of absolute intensity estimates of the ancient geomagnetic field using copper slag material. *Earth and Planetary Science Letters*, **2010**, 290, 201-213	5.3	37
85	Essentials of Paleomagnetism **2010**,		259
84	Paleomagnetic behavior of volcanic rocks from Isla Socorro, Mexico. *Earth, Planets and Space*, **2009**, 61, 191-204	2.9	10
83	Full vector model for magnetization in sediments. *Earth and Planetary Science Letters*, **2009**, 286, 535-545	5.3	33
82	Geomagnetic intensity spike recorded in high resolution slag deposit in Southern Jordan. *Earth and Planetary Science Letters*, **2009**, 287, 529-539	5.3	95
81	Paleosecular variation models for ancient times: Clues from Keweenawan lava flows. *Physics of the Earth and Planetary Interiors*, **2009**, 177, 31-45	2.3	45
80	Paleomagnetic field properties at high southern latitude. *Geochemistry, Geophysics, Geosystems*, **2009**, 10, n/a-n/a	3.6	48
79	Recent investigations of the 0–5 Ma geomagnetic field recorded by lava flows. *Geochemistry, Geophysics, Geosystems*, **2008**, 9, n/a-n/a	3.6	189
78	Application of copper slag in geomagnetic archaeointensity research. *Journal of Geophysical Research*, **2008**, 113,		53

77	AMSSpin: A LabVIEW program for measuring the anisotropy of magnetic susceptibility with the Kappabridge KLY-4S. *Geochemistry, Geophysics, Geosystems*, **2008**, 9, n/a-n/a	3.6	12
76	A new approach for geomagnetic archaeointensity research: insights on ancient metallurgy in the Southern Levant. *Journal of Archaeological Science*, **2008**, 35, 2863-2879	2.9	40
75	Testing corrections for paleomagnetic inclination error in sedimentary rocks: A comparative approach. *Physics of the Earth and Planetary Interiors*, **2008**, 169, 152-165	2.3	120
74	Toward age determination of the M0r (Barremian–Aptian boundary) of the Early Cretaceous. *Physics of the Earth and Planetary Interiors*, **2008**, 169, 41-48	2.3	65
73	Micromagnetic models of the effect of particle shape on magnetic hysteresis. *Physics of the Earth and Planetary Interiors*, **2008**, 169, 92-99	2.3	5
72	Lunar paleointensity measurements: Implications for lunar magnetic evolution. *Physics of the Earth and Planetary Interiors*, **2008**, 168, 71-87	2.3	48
71	Origin of continental margin morphology: Submarine-slide or downslope current-controlled bedforms, a rock magnetic approach. *Marine Geology*, **2007**, 240, 19-41	3.3	14
70	Paleointensities **2007**, 509-563		42
69	A view into the Cretaceous geomagnetic field from analysis of gabbros and submarine glasses. *Earth and Planetary Science Letters*, **2007**, 256, 1-11	5.3	27
68	Nonlinear thermoremanence acquisition and implications for paleointensity data. *Earth and Planetary Science Letters*, **2007**, 256, 81-89	5.3	47
67	Paleointensities **2007**, 509-563		46
66	Detecting compaction disequilibrium with anisotropy of magnetic susceptibility. *Geochemistry, Geophysics, Geosystems*, **2006**, 7, n/a-n/a	3.6	23
65	E/I corrected paleolatitudes for the sedimentary rocks of the Baja British Columbia hypothesis. *Earth and Planetary Science Letters*, **2006**, 242, 205-216	5.3	33
64	Depositional remanent magnetization: Toward an improved theoretical and experimental foundation. *Earth and Planetary Science Letters*, **2006**, 244, 515-529	5.3	100
63	Long-term trends in paleointensity: The contribution of DSDP/ODP submarine basaltic glass collections. *Physics of the Earth and Planetary Interiors*, **2006**, 156, 223-241	2.3	73
62	Effect of multi-cycle heat treatment and pre-history dependence on partial thermoremanence (pTRM) and pTRM tails. *Physics of the Earth and Planetary Interiors*, **2006**, 157, 196-207	2.3	10
61	Inclination flattening and the geocentric axial dipole hypothesis. *Earth and Planetary Science Letters* , **2005**, 233, 247-261	5.3	107
60	On the use of magnetic transient hysteresis in paleomagnetism for granulometry. *Geochemistry, Geophysics, Geosystems*, **2005**, 6, n/a-n/a	3.6	13

59	Testing the IZZI protocol of geomagnetic field intensity determination. *Geochemistry, Geophysics, Geosystems*, **2005**, 6, n/a-n/a	3.6	60
58	Corrected Late Triassic latitudes for continents adjacent to the North Atlantic. *Science*, **2005**, 307, 240-4	33.3	135
57	Shallow bias in Neogene palaeomagnetic directions from the Guide Basin, NE Tibet, caused by inclination error. *Geophysical Journal International*, **2005**, 163, 944-948	2.6	32
56	Toward an optimal geomagnetic field intensity determination technique. *Geochemistry, Geophysics, Geosystems*, **2004**, 5, n/a-n/a	3.6	136
55	Strength of the geomagnetic field in the Cretaceous Normal Superchron: New data from submarine basaltic glass of the Troodos Ophiolite. *Geochemistry, Geophysics, Geosystems*, **2004**, 5, n/a-n/a	3.6	222
54	Paleomagnetism and 40Ar/39Ar ages from volcanics extruded during the Matuyama and Brunhes Chrons near McMurdo Sound, Antarctica. *Geochemistry, Geophysics, Geosystems*, **2004**, 5,	3.6	33
53	Paleomagnetic results from the Snake River Plain: Contribution to the time-averaged field global database. *Geochemistry, Geophysics, Geosystems*, **2004**, 5,	3.6	29
52	Temperature dependence of magnetic hysteresis. *Geochemistry, Geophysics, Geosystems*, **2004**, 5,	3.6	16
51	Shallow bias in Mediterranean paleomagnetic directions caused by inclination error. *Earth and Planetary Science Letters*, **2004**, 222, 685-695	5.3	41
50	Patterns of magma flow in segmented silicic dikes at Summer Coon volcano, Colorado: AMS and thin section analysis. *Earth and Planetary Science Letters*, **2004**, 219, 155-169	5.3	52
49	Characterization of soft-sediment deformation: Detection of cryptoslumps using magnetic methods. *Geology*, **2003**, 31, 203	5	28
48	Paleomagnetism of the southwestern U.S.A. recorded by 0 Ma igneous rocks. *Geochemistry, Geophysics, Geosystems*, **2003**, 4,	3.6	41
47	Source of tiny wiggles in Chron C5: A comparison of sedimentary relative intensity and marine magnetic anomalies. *Geochemistry, Geophysics, Geosystems*, **2003**, 4, n/a-n/a	3.6	25
46	Paleointensity in Hawaiian Scientific Drilling Project Hole (HSDP2): Results from submarine basaltic glass. *Geochemistry, Geophysics, Geosystems*, **2003**, 4,	3.6	21
45	Archaeomagnetic intensity results from California and Ecuador: evaluation of regional data. *Earth and Planetary Science Letters*, **2002**, 203, 967-981	5.3	27
44	Physical interpretation of hysteresis loops: Micromagnetic modeling of fine particle magnetite. *Geochemistry, Geophysics, Geosystems*, **2002**, 3, 1-22	3.6	128
43	Noise in the quiet zone. *Earth and Planetary Science Letters*, **2001**, 190, 13-30	5.3	54
42	Astronomical calibration age for the Oligocene-Miocene boundary. *Geology*, **2000**, 28, 447	5	93

41	Effects of pH and salinity on the intensity of magnetization in redeposited sediments. *Earth and Planetary Science Letters*, **2000**, 181, 489-496	5.3	36
40	A reassessment of post-depositional remanent magnetism: preliminary experiments with natural sediments. *Earth and Planetary Science Letters*, **2000**, 183, 147-160	5.3	40
39	The effect of remanence anisotropy on paleointensity estimates: a case study from the Archean Stillwater Complex. *Earth and Planetary Science Letters*, **2000**, 183, 403-416	5.3	134
38	The intensity of the time-averaged geomagnetic field: the last 5 Myr. *Earth and Planetary Science Letters*, **2000**, 175, 169-180	5.3	57
37	Geochemistry and intrusive directions in sheeted dikes in the Troodos ophiolite: Implications for mid-ocean ridge spreading centers. *Geochemistry, Geophysics, Geosystems*, **2000**, 1, n/a-n/a	3.6	14
36	Long-term variations in palaeointensity. *Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences*, **2000**, 358, 1065-1088	3	298
35	Paleomagnetism and 40Ar/39Ar ages from La Palma in the Canary Islands. *Geochemistry, Geophysics, Geosystems*, **2000**, 1, n/a-n/a	3.6	25
34	Long-□VRM and relative paleointensity estimates in sediments. *Earth and Planetary Science Letters*, **1999**, 168, 145-158	5.3	3
33	Dunlop receives European Geophysical Society's N□el Medal. *Eos*, **1999**, 80, 39	1.5	
32	The intensity of the Earth's magnetic field over the past 160 million years. *Nature*, **1998**, 394, 878-881	50.4	122
31	40Ar/39Ar ages and paleomagnetism of S□ Miguel lavas, Azores. *Earth and Planetary Science Letters*, **1998**, 160, 637-649	5.3	89
30	Dike surface lineations as magma flow indicators within the sheeted dike complex of the Troodos Ophiolite, Cyprus. *Journal of Geophysical Research*, **1998**, 103, 5241-5256		79
29	Section's e-mail list keeps members informed. *Eos*, **1998**, 79, 311-311	1.5	
28	Flow directions in dikes from anisotropy of magnetic susceptibility data: The bootstrap way. *Journal of Geophysical Research*, **1998**, 103, 17775-17790		115
27	Analysis of 11 Myr of geomagnetic intensity variation. *Journal of Geophysical Research*, **1998**, 103, 17735-17748		45
26	11 million years of Oligocene geomagnetic field behaviour. *Geophysical Journal International*, **1997**, 128, 217-229	2.6	68
25	A precursor to the Matuyama/Brunhes transition-field instability as recorded in pelagic sediments. *Earth and Planetary Science Letters*, **1996**, 138, 121-135	5.3	97
24	Astronomical calibration of the Matuyama-Brunhes boundary: Consequences for magnetic remanence acquisition in marine carbonates and the Asian loess sequences. *Earth and Planetary Science Letters*, **1996**, 140, 133-146	5.3	191

23	Towards absolute calibration of sedimentary paleointensity records. *Earth and Planetary Science Letters*, **1996**, 143, 269-274	5.3	17
22	Potbellies, wasp-waists, and superparamagnetism in magnetic hysteresis. *Journal of Geophysical Research*, **1996**, 101, 571-583		471
21	Relative paleointensity in sediments: A Pseudo-Thellier Approach. *Geophysical Research Letters*, **1995**, 22, 2885-2888	4.9	108
20	Characteristics of magnetite in submarine basaltic glass. *Geophysical Journal International*, **1994**, 119, 116-128	2.6	60
19	The fold test: an eigen analysis approach. *Earth and Planetary Science Letters*, **1994**, 122, 331-341	5.3	177
18	Holocene paleointensities: Thellier Experiments on submarine basaltic glass from the East Pacific Rise. *Journal of Geophysical Research*, **1993**, 98, 17949-17964		93
17	Sedimentary records of relative paleointensity of the geomagnetic field: Theory and practice. *Reviews of Geophysics*, **1993**, 31, 319	23.1	472
16	Geomagnetic palaeointensities during the Cretaceous normal superchron measured using submarine basaltic glass. *Nature*, **1993**, 366, 238-242	50.4	124
15	Shallow intrusive directions of sheeted dikes in the Troodos ophiolite: Anisotropy of magnetic susceptibility and structural data. *Geology*, **1992**, 20, 841	5	73
14	Anisotropy of Magnetic Susceptibility and Remanence: Developments in the Characterization of Tectonic, Sedimentary and Igneous Fabric. *Reviews of Geophysics*, **1991**, 29, 371-376	23.1	76
13	A jackknife for magnetostratigraphy. *Geophysical Research Letters*, **1991**, 18, 1783-1786	4.9	37
12	Bootstrap statistics for paleomagnetic data. *Journal of Geophysical Research*, **1991**, 96, 11723		92
11	Use of anisotropy to determine the origin of characteristic remanence in the Siwalik red beds of northern Pakistan. *Journal of Geophysical Research*, **1990**, 95, 4391		65
10	The bootstrap for magnetic susceptibility tensors. *Journal of Geophysical Research*, **1990**, 95, 8383		133
9	Contribution of induced magnetization to magnetization of seamounts. *Nature*, **1989**, 342, 170-173	50.4	39
8	Acquisition of chemical remanent magnetization by synthetic iron oxide. *Nature*, **1987**, 327, 610-612	50.4	21
7	Estimating the error of age interpolation in sedimentary rocks. *Nature*, **1986**, 319, 139-141	50.4	33
6	Age interpolation (reply). *Nature*, **1986**, 323, 471-472	50.4	

5	Paleomagnetic Chronology, Fluvial Processes, and Tectonic Implications of the Siwalik Deposits near Chinji Village, Pakistan. *Journal of Geology*, **1985**, 93, 27-40	2	248
4	Paleomagnetism of Miocene East African Rift sediments and the calibration of the geomagnetic reversal time scale. *Journal of Geophysical Research*, **1985**, 90, 4639-4646		36
3	Properties of a detrital remanence carried by haematite from study of modern river deposits and laboratory redeposition experiments. *Geophysical Journal International*, **1984**, 76, 543-561	2.6	156
2	The magnetostratigraphy of Leg 73 sediments. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **1983**, 42, 65-90	2.9	48
1	A time framework based on magnetostratigraphy for the siwalik sediments of the Khaur area, Northern Pakistan. *Palaeogeography, Palaeoclimatology, Palaeoecology*, **1982**, 37, 43-61	2.9	96