

# Catherine Kissel

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/3627314/publications.pdf>

Version: 2024-02-01

158  
papers

8,625  
citations

31976

53  
h-index

53230

85  
g-index

165  
all docs

165  
docs citations

165  
times ranked

6254  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Tertiary geodynamical evolution of the Aegean arc: a paleomagnetic reconstruction. Tectonophysics, 1988, 146, 183-201.	2.2	343
2	North Atlantic palaeointensity stack since 75ka (NAPISâ€“75) and the duration of the Laschamp event. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2000, 358, 1009-1025.	3.4	327
3	Atlantic Meridional Overturning Circulation During the Last Glacial Maximum. Science, 2007, 316, 66-69.	12.6	322
4	Erosional history of the Himalayan and Burman ranges during the last two glacialâ€“interglacial cycles. Earth and Planetary Science Letters, 1999, 171, 647-660.	4.4	247
5	Low-temperature magnetic behavior of titanomagnetites. Earth and Planetary Science Letters, 1998, 157, 141-149.	4.4	220
6	Reduced North Atlantic Deep Water Coeval with the Glacial Lake Agassiz Freshwater Outburst. Science, 2008, 319, 60-64.	12.6	218
7	Changes in the carbon cycle during the last deglaciation as indicated by the comparison of 10Be and 14C records. Earth and Planetary Science Letters, 2004, 219, 325-340.	4.4	188
8	Rapid climatic variations during marine isotopic stage 3: magnetic analysis of sediments from Nordic Seas and North Atlantic. Earth and Planetary Science Letters, 1999, 171, 489-502.	4.4	183
9	High-resolution record of the Upper Olduvai transition from Po Valley (Italy) sediments: support for dipolar transition geometry?. Physics of the Earth and Planetary Interiors, 1991, 65, 319-336.	1.9	176
10	Dansgaardâ€“Oeschger cycles: Interactions between ocean and sea ice intrinsic to the Nordic seas. Paleoceanography, 2013, 28, 491-502.	3.0	170
11	On the age of the Laschamp geomagnetic excursion. Earth and Planetary Science Letters, 2004, 227, 331-343.	4.4	160
12	Geomagnetic paleointensity and environmental record from Labrador Sea core MD95-2024: global marine sediment and ice core chronostratigraphy for the last 110 kyr. Earth and Planetary Science Letters, 2000, 183, 161-177.	4.4	152
13	Decadal variability of sea surface temperatures off North Iceland over the last 2000Â“years. Earth and Planetary Science Letters, 2008, 268, 137-142.	4.4	148
14	Chlorine-36 evidence for the Mono Lake event in the Summit GRIP ice core. Earth and Planetary Science Letters, 2000, 181, 1-6.	4.4	147
15	Magnetic fabric in â€œundeformedâ€•marine clays from compressional zones. Tectonics, 1986, 5, 769-781.	2.8	145
16	South Atlantic and North Atlantic geomagnetic paleointensity stacks (0â€“80ka): implications for inter-hemispheric correlation. Quaternary Science Reviews, 2002, 21, 1141-1151.	3.0	141
17	Magnetic fabric as a structural indicator of the deformation path within a fold-thrust structure: a test case from the CorbiÃ“res (NE Pyrenees, France). Journal of Structural Geology, 1992, 14, 461-474.	2.3	121
18	Shallow-marine sediment cores record climate variability and earthquake activity off Lisbon (Portugal) for the last 2000 years. Quaternary Science Reviews, 2005, 24, 2477-2494.	3.0	120

#	ARTICLE	IF	CITATIONS
19	Evolution of weathering patterns in the Indo-Burman Ranges over the last 280 kyr: Effects of sediment provenance on $^{87}\text{Sr}/^{86}\text{Sr}$ ratios tracer. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	119
20	Magnetic properties of sediments in the Bay of Bengal and the Andaman Sea: impact of rapid North Atlantic Ocean climatic events on the strength of the Indian monsoon. <i>Earth and Planetary Science Letters</i> , 1998, 160, 623-635.	4.4	118
21	Holocene history of the Larsen-A Ice Shelf constrained by geomagnetic paleointensity dating. <i>Geology</i> , 2003, 31, 749.	4.4	118
22	Paleomagnetic reconstruction of the Cenozoic evolution of the Eastern Mediterranean. <i>Tectonophysics</i> , 2003, 362, 199-217.	2.2	107
23	Rapid Reductions in North Atlantic Deep Water During the Peak of the Last Interglacial Period. <i>Science</i> , 2014, 343, 1129-1132.	12.6	103
24	Field-dependence of AC susceptibility in titanomagnetites. <i>Earth and Planetary Science Letters</i> , 1998, 157, 129-139.	4.4	98
25	Geomagnetic field intensity, North Atlantic Deep Water circulation and atmospheric $\delta^{14}\text{C}$ during the last 50 kyr. <i>Earth and Planetary Science Letters</i> , 2002, 200, 177-190.	4.4	97
26	Improvements in procedure and paleointensity selection criteria (PICRIT-03) for Thellier and Thellier determinations: application to Hawaiian basaltic long cores. <i>Physics of the Earth and Planetary Interiors</i> , 2004, 147, 155-169.	1.9	92
27	Geomagnetic field behavior during the Iceland Basin and Laschamp geomagnetic excursions: A simple transitional field geometry?. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	92
28	$^{40}\text{Ar}/^{39}\text{Ar}$ , $^{36}\text{Ar}$ and $^{230}\text{Th}$ - $^{238}\text{U}$ dating of the Laschamp excursion: A radioisotopic tie-point for ice core and climate chronologies. <i>Earth and Planetary Science Letters</i> , 2009, 286, 80-88.	4.4	90
29	Mineral-magnetic proxies of erosion/oxidation cycles in tropical maar-lake sediments (Lake Tj ETQq1 1 0.784314 rgBT /Overlock 10 T 5 155, 205-219.	4.4	89
30	Dynamics of the earth magnetic field in the 10 $\pm$ 75 kyr period comprising the Laschamp and Mono Lake excursions: New results from the French Chaîne des Puys in a global perspective. <i>Earth and Planetary Science Letters</i> , 2014, 387, 184-197.	4.4	81
31	Relative changes of the geomagnetic field intensity during the last 280 kyear from piston cores in the AÅsores area. <i>Physics of the Earth and Planetary Interiors</i> , 1996, 93, 269-284.	1.9	79
32	First paleomagnetic evidence for a post-Eocene clockwise rotation of the Western Taurides thrust belt east of the Isparta reentrant (Southwestern Turkey). <i>Earth and Planetary Science Letters</i> , 1993, 117, 1-14.	4.4	78
33	Sedimentation on the inner shelf of the East China Sea: Magnetic properties, diagenesis and paleoclimate implications. <i>Marine Geology</i> , 2010, 268, 34-42.	2.1	78
34	Tertiary geodynamical evolution of northwestern Greece: paleomagnetic results. <i>Earth and Planetary Science Letters</i> , 1985, 72, 190-204.	4.4	73
35	Paleomagnetic and structural evidence for Neogene block rotations in the Central Apennines, Italy. <i>Journal of Geophysical Research</i> , 1995, 100, 17863-17883.	3.3	71
36	Microstructural control on the anisotropy of elastic and transport properties in undeformed sandstones. <i>International Journal of Rock Mechanics and Minings Sciences</i> , 2005, 42, 911-923.	5.8	71

#	ARTICLE	IF	CITATIONS
37	Millennial-scale sea surface temperature and Patagonian Ice Sheet changes off southernmost Chile (53°S) over the past ~460 kyr. <i>Paleoceanography</i> , 2011, 26, .	3.0	69
38	Cosmogenic nuclides during Isotope Stages 2 and 3. <i>Quaternary Science Reviews</i> , 2002, 21, 1129-1139.	3.0	68
39	Mindanao Dome variability over the last 160 kyr: Episodic glacial cooling of the West Pacific Warm Pool. <i>Paleoceanography</i> , 2011, 26, .	3.0	68
40	Magnetic fabric analysis of the Plio-Pleistocene sedimentary formations of the Coastal Range of Taiwan. <i>Earth and Planetary Science Letters</i> , 1990, 98, 23-32.	4.4	67
41	Updated calibration of the clumped isotope thermometer in planktonic and benthic foraminifera. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 239, 1-16.	3.9	66
42	Normalised natural remanent magnetisation intensity during the last 240 000 years in piston cores from the central North Atlantic Ocean: geomagnetic field intensity or environmental signal?. <i>Physics of the Earth and Planetary Interiors</i> , 1995, 87, 213-229.	1.9	65
43	High Resolution Global Paleointensity Stack Since 75 kyr (GLOPIS-75) Calibrated to Absolute Values. <i>Geophysical Monograph Series</i> , 0, , 255-265.	0.1	65
44	Magnetic signature of environmental changes in the last 1.2 Myr at ODP Site 1146, South China Sea. <i>Marine Geology</i> , 2003, 201, 119-132.	2.1	63
45	Rapid switches in subpolar North Atlantic hydrography and climate during the Last Interglacial (MIS) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	3.0	62
46	New paleomagnetic constraints on the Cenozoic tectonic evolution of the North Arm of Sulawesi, Indonesia. <i>Earth and Planetary Science Letters</i> , 1994, 121, 629-638.	4.4	61
47	Paleomagnetism of external southern and central Dinarides and northern Albanides: Implications for the Cenozoic activity of the Scutari-Pec Transverse Zone. <i>Journal of Geophysical Research</i> , 1995, 100, 14999-15007.	3.3	61
48	Geomagnetic intensity and inclination variations at Hawaii for the past 98kyr from core SOH-4 (Big) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	1.9	61
49	Geomagnetic-assisted stratigraphy and sea surface temperature changes in core MD94-103 (Southern) Tj ETQq1 1 0.784314 rgBT /Overlock 10 Tf 5	4.4	60
50	Paleomagnetic evidence for Cenozoic clockwise rotation of the external Albanides. <i>Earth and Planetary Science Letters</i> , 1995, 129, 121-134.	4.4	57
51	Magnetostratigraphic dating of an intensification of glacial activity in the southern Italian Alps during Marine Isotope Stage 22. <i>Quaternary Research</i> , 2007, 67, 161-173.	1.7	57
52	Changes in the strength of the Iceland-Scotland Overflow Water in the last 200,000 years: Evidence from magnetic anisotropy analysis of core SU90-33. <i>Earth and Planetary Science Letters</i> , 1997, 152, 25-36.	4.4	56
53	Variations in the strength of the North Atlantic bottom water during Holocene. <i>Earth and Planetary Science Letters</i> , 2013, 369-370, 248-259.	4.4	56
54	First paleomagnetic results from Neocene Formations in Evia, Skyros and the Volos Region and the deformation of Central Aegea. <i>Geophysical Research Letters</i> , 1986, 13, 1446-1449.	4.0	54

#	ARTICLE	IF	CITATIONS
55	Paleomagnetic evidence for rotation in opposite senses of adjacent blocks in northeastern Aegea and Western Anatolia. <i>Geophysical Research Letters</i> , 1987, 14, 907-910.	4.0	53
56	Increasing the efficiency of paleointensity analyses by selection of samples using first-order reversal curve diagrams. <i>Journal of Geophysical Research</i> , 2006, 111, n/a-n/a.	3.3	52
57	Holocene centennial to millennial-scale climatic variability: Evidence from high-resolution magnetic analyses of the last 10 cal kyr off North Iceland (core MD99-2275). <i>Earth and Planetary Science Letters</i> , 2006, 242, 390-405.	4.4	52
58	Paleomagnetic evidence for Neogene rotational deformations in the Aegean domain. <i>Tectonics</i> , 1986, 5, 783-795.	2.8	50
59	Paleomagnetic evidence for a diachronic clockwise rotation of the Coastal Range, eastern Taiwan. <i>Earth and Planetary Science Letters</i> , 1991, 104, 245-257.	4.4	48
60	Geomagnetic field evolution during the Laschamp excursion. <i>Earth and Planetary Science Letters</i> , 2009, 278, 87-95.	4.4	47
61	Reconstruction of the paleoaccumulation rate of central Greenland during the last 75 kyr using the cosmogenic radionuclides <sup>36</sup> Cl and <sup>10</sup> Be and geomagnetic field intensity data. <i>Earth and Planetary Science Letters</i> , 2001, 193, 515-521.	4.4	46
62	The magnetic fraction: A tracer of deep water circulation in the North Atlantic. <i>Earth and Planetary Science Letters</i> , 2009, 288, 444-454.	4.4	41
63	Geomagnetic field intensity at Hawaii for the last 420 kyr from the Hawaii Scientific Drilling Project core, Big Island, Hawaii. <i>Journal of Geophysical Research</i> , 1999, 104, 15317-15338.	3.3	40
64	Magnetic anisotropy and environmental changes in two sedimentary cores from the Norwegian Sea and the North Atlantic. <i>Earth and Planetary Science Letters</i> , 1998, 164, 617-626.	4.4	39
65	Postglacial palaeoceanography in the Skagerrak. <i>Holocene</i> , 2006, 16, 975-985.	1.7	38
66	An impending geomagnetic transition? Hints from the past. <i>Frontiers in Earth Science</i> , 2015, 3, .	1.8	38
67	Holocene geomagnetic field intensity variations: Contribution from the low latitude Canary Islands site. <i>Earth and Planetary Science Letters</i> , 2015, 430, 178-190.	4.4	38
68	Post-Oligocene rotations in southern Ecuador and northern Peru and the formation of the Huanabamba deflection in the Andean Cordillera. <i>Earth and Planetary Science Letters</i> , 1990, 98, 329-339.	4.4	37
69	Changes of the geomagnetic field vector obtained from lava sequences on the island of Vulcano (Aeolian Islands, Sicily). <i>Physics of the Earth and Planetary Interiors</i> , 1997, 99, 161-177.	1.9	35
70	Late Glacial to Holocene terrigenous sediment record in the Northern Patagonian margin: Paleoclimate implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 26-36.	2.3	34
71	New <sup>40</sup> Ar ages of shield lavas from Waianae Volcano, Oahu, Hawaiian Archipelago. <i>Journal of Volcanology and Geothermal Research</i> , 2000, 96, 229-242.	2.1	33
72	Magnetic signature of rapid climatic variations in glacial North Atlantic, a review. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 908-918.	1.2	33

#	ARTICLE	IF	CITATIONS
73	The penultimate deglaciation: High-resolution paleoceanographic evidence from a northâ€“south transect along the eastern Nordic Seas. <i>Earth and Planetary Science Letters</i> , 2006, 241, 505-516.	4.4	33
74	Palaeomagnetic intensities from 14C-dated lava flows on the Big Island, Hawaii: Oâ€“21Âkyr. <i>Earth and Planetary Science Letters</i> , 2006, 247, 26-40.	4.4	33
75	Millennialâ€“scale propagation of Atlantic deep waters to the glacial Southern Ocean. <i>Paleoceanography</i> , 2008, 23, .	3.0	33
76	The Mono Lake excursion recorded in phonolitic lavas from Tenerife (Canary Islands): Paleomagnetic analyses and coupled K/Ar and Ar/Ar dating. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 187, 232-244.	1.9	33
77	No tectonic rotation of the Tuscan Tyrrhenian margin (Italy) since Late Messinian. <i>Journal of Geophysical Research</i> , 1996, 101, 2835-2845.	3.3	32
78	Geomagnetic paleosecular variation in the Brunhes period, from the island of El Hierro (Canary) Tj ETQq0 0 0 rgBT /Qverlock 10 Tf 50 54	4.4	32
79	Precessional changes in the western equatorial <scp>P</scp>acific Hydroclimate: A 240 kyr marine record from the <scp>H</scp>almahera <scp>S</scp>ea, <scp>E</scp>ast <scp>I</scp>ndonesia. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 148-164.	2.5	32
80	Deep-water mass source and dynamic associated with rapid climatic variations during the last glacial stage in the North Atlantic: A multiproxy investigation of the detrital fraction of deep-sea sediments. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	31
81	Complex behavior of the geomagnetic field during three successive polarity reversals, 11â€“12 m.y. B.P.. <i>Journal of Geophysical Research</i> , 1988, 93, 11655-11666.	3.3	30
82	First paleomagnetic evidence for rotation of the Ionian Zone of Albania. <i>Geophysical Research Letters</i> , 1992, 19, 697-700.	4.0	30
83	Primary productivity response to Heinrich events in the North Atlantic Ocean and Norwegian Sea. <i>Paleoceanography</i> , 2007, 22, .	3.0	30
84	Emplacement of magma in Eastern Iceland dikes: Insights from magnetic fabric and rock magnetic analyses. <i>Journal of Volcanology and Geothermal Research</i> , 2010, 191, 79-92.	2.1	30
85	Monsoon variability and deep oceanic circulation in the western equatorial Pacific over the last climatic cycle: Insights from sedimentary magnetic properties and sortable silt. <i>Paleoceanography</i> , 2010, 25, .	3.0	30
86	A clockwise rotation of southern Apulia?. <i>Geophysical Research Letters</i> , 1988, 15, 681-684.	4.0	29
87	Relative geomagnetic field intensity and reversals for the last 1.8 My from a central equatorial Pacific Core. <i>Geophysical Research Letters</i> , 1996, 23, 3393-3396.	4.0	29
88	Changes in latitudinal sea surface temperature gradients along the Southern Chilean margin since the last glacial. <i>Quaternary Science Reviews</i> , 2018, 194, 62-76.	3.0	29
89	New paleomagnetic data from Oligocene formations of northern Aegea. <i>Geophysical Research Letters</i> , 1986, 13, 1039-1042.	4.0	27
90	Provenance of freshwater pulses in the Gulf of Mexico during the last deglaciation. <i>Quaternary Research</i> , 2010, 74, 235-245.	1.7	27

#	ARTICLE	IF	CITATIONS
91	Holocene variations in productivity associated with changes in glacier activity and freshwater flux in the central basin of the Strait of Magellan. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2015, 436, 112-122.	2.3	27
92	Clay mineralogical and geochemical proxies of the East Asian summer monsoon evolution in the South China Sea during Late Quaternary. <i>Scientific Reports</i> , 2017, 7, 42083.	3.3	27
93	Rapid changes and near-stationarity of the geomagnetic field during a polarity reversal. <i>Nature</i> , 1987, 330, 145-148.	27.8	26
94	Cinematique des deformations au sein d'un systeme chevauchant aveugle; l'exemple de la "Montagna dei Fiori" (front des Apennins centraux, Italie). <i>Bulletin - Societe Geologique De France</i> , 1995, 166, 451-461.	2.2	26
95	Magnetic particle characterization in the Seine river system: Implications for the determination of natural versus anthropogenic input. <i>Geochemistry, Geophysics, Geosystems</i> , 2009, 10, .	2.5	26
96	Vegetation and climate changes during the last 22,000yr from a marine core near Taitao Peninsula, southern Chile. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2013, 369, 335-348.	2.3	26
97	Norwegian sea-surface palaeoenvironments of marine oxygen-isotope stage 3: the paradoxical response of dinoflagellate cysts. <i>Journal of Quaternary Science</i> , 2002, 17, 349-359.	2.1	25
98	Effectiveness of combined unspiked $^{39}\text{Ar}$ and $^{40}\text{Ar}/^{39}\text{Ar}$ dating methods in the 14C age range. <i>Quaternary Geochronology</i> , 2011, 6, 530-538.	1.4	25
99	Magnetic minerals in three Asian rivers draining into the South China Sea: Pearl, Red, and Mekong Rivers. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1678-1693.	2.5	25
100	Geomagnetic paleointensities at Hawaii between 3.9 and 2.1 Ma: preliminary results. <i>Earth and Planetary Science Letters</i> , 2000, 179, 191-204.	4.4	24
101	Late Miocene to early Pliocene climate variability off NW Africa (ODP Site 659). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 401, 81-95.	2.3	24
102	Tectonic versus mineralogical contribution to the magnetic fabrics of epimetamorphic slaty rocks: an example from the Ardennes Massif (France-Belgium). <i>Journal of Structural Geology</i> , 1995, 17, 1111-1124.	2.3	23
103	Holocene Event Record of Aysén Fjord (Chilean Patagonia): An Interplay of Volcanic Eruptions and Crustal and Megathrust Earthquakes. <i>Journal of Geophysical Research: Solid Earth</i> , 2018, 123, 324-343.	3.4	23
104	Late Cainozoic rotation of the Peruvian Western Cordillera and the uplift of the Central Andes. <i>Tectonophysics</i> , 1992, 205, 65-77.	2.2	22
105	Lateglacial and Holocene sediment sources and transport patterns in the Skagerrak interpreted from high-resolution magnetic properties and grain size data. <i>Quaternary Science Reviews</i> , 2006, 25, 1247-1263.	3.0	21
106	Paleosecular variation of the earth magnetic field at the Canary Islands over the last 15 ka. <i>Earth and Planetary Science Letters</i> , 2015, 412, 52-60.	4.4	21
107	The calcification depth and Mg/Ca thermometry of <i>Pulleniatina obliquiloculata</i> in the tropical Indo-Pacific: A core-top study. <i>Marine Micropaleontology</i> , 2018, 145, 28-40.	1.2	21
108	New temporal constraints on the rotation of the Peruvian central Andes obtained from paleomagnetism. <i>Geophysical Research Letters</i> , 1992, 19, 1875-1878.	4.0	20



#	ARTICLE	IF	CITATIONS
109	Variation of pore fabric across a fold-thrust structure. <i>Geophysical Research Letters</i> , 1994, 21, 2147-2150.	4.0	20
110	Behavior of u-channels during acquisition and demagnetization of remanence: implications for paleomagnetic and rock magnetic measurements. <i>Physics of the Earth and Planetary Interiors</i> , 2004, 145, 1-8.	1.9	20
111	Middleâ€late Pleistocene deep water circulation in the southwest subtropical Pacific. <i>Paleoceanography</i> , 2009, 24, .	3.0	20
112	Pollen distribution in marine surface sediments from Chilean Patagonia. <i>Marine Geology</i> , 2011, 282, 161-168.	2.1	20
113	Past environmental and circulation changes in the South China Sea: Input from the magnetic properties of deep-sea sediments. <i>Quaternary Science Reviews</i> , 2020, 236, 106263.	3.0	20
114	Teleconnection between the Intertropical Convergence Zone and southern westerly winds throughout the last deglaciation. <i>Geology</i> , 2015, 43, 735-738.	4.4	19
115	A Pattern of Block Rotations in Central Aegea. , 1989, , 115-129.		19
116	New paleomagnetic results from Blind River: Revised magnetostratigraphy and tectonic rotation of the Marlborough region, South Island, New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 1989, 32, 191-196.	1.8	18
117	Geomagnetic field intensity over the last 42,000 years from core SOH-4, Big Island, Hawaii. <i>Journal of Geophysical Research</i> , 1996, 101, 585-600.	3.3	18
118	Late Quaternary climatic forcing on the terrigenous supply in the northern South China Sea: Input from magnetic studies. <i>Earth and Planetary Science Letters</i> , 2017, 471, 160-171.	4.4	18
119	Seismoâ€turbidites in AysÃ©n Fjord (Southern Chile) Reveal a Complex Pattern of Rupture Modes Along the 1960 Megathrust Earthquake Segment. <i>Journal of Geophysical Research: Solid Earth</i> , 2020, 125, e2020JB019405.	3.4	17
120	Variations of the ACC-CDW during MIS3 traced by magnetic grain deposition in midlatitude South Indian Ocean cores: Connections with the northern hemisphere and with central Antarctica. <i>Geochemistry, Geophysics, Geosystems</i> , 2007, 8, n/a-n/a.	2.5	16
121	Atmospheric re-organization during Marine Isotope Stage 3 over the North American continent: sedimentological and mineralogical evidence from the Gulf of Mexico. <i>Quaternary Science Reviews</i> , 2013, 81, 62-73.	3.0	16
122	Correction of interstitial water changes in calibration methods applied to XRF core-scanning major elements in long sediment cores: Case study from the South China Sea. <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1925-1934.	2.5	16
123	First paleomagnetism of eocene rocks from Gargano: Widespread overprint or non rotation?. <i>Geophysical Research Letters</i> , 1993, 20, 2627-2630.	4.0	15
124	Magnetic mineralogy and metamorphic zonation in the Ardennes Massif (France-Belgium). <i>Tectonophysics</i> , 1997, 271, 231-248.	2.2	15
125	Sedimentation rate control on diagenesis, East China Sea sediments. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 187, 301-309.	1.9	15
126	Geomagnetic field intensity and inclination records from Hawaii and the RÃ©union Island: Geomagnetic implications. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 187, 170-187.	1.9	15



#	ARTICLE	IF	CITATIONS
127	Anatomy of an extinct magmatic system along a divergent plate boundary: Alftafjordur, Iceland. <i>Geophysical Research Letters</i> , 2015, 42, 6306-6313.	4.0	15
128	Distinct magnetic fabric in weakly deformed sediments from extensional basins and fold-and-thrust structures in the Northern Apennine orogenic belt (Italy). <i>Tectonics</i> , 2016, 35, 238-256.	2.8	15
129	Magnetic signature of river sediments drained into the southern and eastern part of the South China Sea (Malay Peninsula, Sumatra, Borneo, Luzon and Taiwan). <i>Sedimentary Geology</i> , 2017, 347, 10-20.	2.1	15
130	Tephrochronology of a ~ 70 ka-long marine record in the Marsili Basin (southern Tyrrhenian Sea). <i>Journal of Volcanology and Geothermal Research</i> , 2016, 327, 23-39.	2.1	14
131	Preliminary determinations of geomagnetic field intensity for the last 400 kyr from the Hawaii Scientific Drilling Project core, Big Island, Hawaii. <i>Journal of Geophysical Research</i> , 1996, 101, 11665-11673.	3.3	13
132	Morphology of the Iceland Basin Excursion from a spherical harmonics analysis and an iterative Bayesian inversion procedure of sedimentary records. <i>Physics of the Earth and Planetary Interiors</i> , 2008, 169, 131-139.	1.9	13
133	An ocean-ice coupled response during the last glacial: a view from a marine isotopic stage 3 record south of the Faeroe Shetland Gateway. <i>Climate of the Past</i> , 2012, 8, 1997-2017.	3.4	13
134	Palaeomagnetic evidence of Miocene and Pliocene rotational deformations of the Aegean Area. <i>Geological Society Special Publication</i> , 1984, 17, 669-679.	1.3	13
135	Paleomagnetic study of an arcuate fold belt developed on a marginal orogen: The Cajamarca deflection, northern Peru. <i>Earth and Planetary Science Letters</i> , 1992, 112, 41-52.	4.4	12
136	A combined paleomagnetic/dating investigation of the upper Jaramillo transition from a volcanic section at Tenerife (Canary Islands). <i>Earth and Planetary Science Letters</i> , 2014, 406, 59-71.	4.4	12
137	Relative geomagnetic field intensity and reversals from Upper Miocene sections in Crete. <i>Earth and Planetary Science Letters</i> , 1996, 141, 67-78.	4.4	11
138	Regional vegetation and climate changes during the last 13 kyr from a marine pollen record in Seno Reloncavé, southern Chile. <i>Review of Palaeobotany and Palynology</i> , 2012, 181, 11-21.	1.5	11
139	Holocene North Atlantic Overturning in an atmosphere-ocean-sea ice model compared to proxy-based reconstructions. <i>Paleoceanography</i> , 2015, 30, 1503-1524.	3.0	11
140	Regional seesaw between the North Atlantic and Nordic Seas during the last glacial abrupt climate events. <i>Climate of the Past</i> , 2017, 13, 729-739.	3.4	10
141	Factors controlling frequency of turbidites in the Bengal fan during the last 248 kyr cal BP: Clues from a presently inactive channel. <i>Marine Geology</i> , 2019, 415, 105965.	2.1	10
142	Paleomagnetic Rotations in the Coastal Areas of Ecuador and Northern Peru. , 1989, , 489-511.		9
143	The impact of African aridity on the isotopic signature of Atlantic deep waters across the Middle Pleistocene Transition. <i>Quaternary Research</i> , 2012, 77, 182-191.	1.7	8
144	Late Cenozoic Rotations Along the North Aegean Trough Fault Zone (Greece); Structural Constraints. , 1989, , 131-143.		8

#	ARTICLE	IF	CITATIONS
145	Lack of Late Miocene to Present rotation in the Northern Tyrrhenian margin (Italy): a constraint on geodynamic evolution. Geological Society Special Publication, 1996, 105, 141-146.	1.3	7
146	First evidence of a mid-Holocene earthquake-triggered megaturbidite south of the Chile Triple Junction. Sedimentary Geology, 2018, 375, 120-133.	2.1	7
147	Magnetic fingerprint of the sediment load in a meander bend section of the Seine River (France). Geomorphology, 2017, 286, 14-26.	2.6	6
148	Paleomagnetic Study of the Neogene Formations of the Aegean Area. , 1989, , 137-157.		6
149	Spatio-temporal dynamics of hydrographic reorganizations and iceberg discharges at the junction between the Northeast Atlantic and Norwegian Sea basins surrounding Heinrich event 4. Earth and Planetary Science Letters, 2018, 481, 236-245.	4.4	5
150	Magnetic Fingerprints of Modern Sediments in the South China Sea Resulting From Source-to-Sink Processes. Geochemistry, Geophysics, Geosystems, 2018, 19, 1979-1993.	2.5	5
151	Dynamique de l'Érosion dans le bassin versant de l'Irrawaddy au cours des deux derniers cycles climatiques (280 000 ka). Comptes Rendus De L'Académie Des Sciences Earth & Planetary Sciences Série II, Sciences De La Terre Et Des Planètes =, 2001, 332, 483-489.	0.2	4
152	Comment on: A late Pleistocene clockwise rotation phase of Zakynthos (Greece) and implications for the evolution of the western Aegean Arc™. Earth and Planetary Science Letters, 2001, 186, 325-326.	4.4	4
153	40 Ar/ 39 Ar and unspiked 40 K- 40 Ar dating of upper Pleistocene volcanic activity in the Bas-Vivarais (Ardèche, France). Journal of Volcanology and Geothermal Research, 2017, 341, 301-314.	2.1	4
154	Interpreting Inverse Magnetic Fabric in Miocene Dikes From Eastern Iceland. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020306.	3.4	3
155	Dating the Teide Volcanic Complex: Radiometric and Palaeomagnetic Methods. Active Volcanoes of the World, 2013, , 93-103.	1.4	3
156	The Atlantic Meridional Overturning Circulation as productivity regulator of the North Atlantic Subtropical Gyre. Quaternary Research, 2019, 91, 399-413.	1.7	2
157	Correction to "Relative geomagnetic field intensity and reversals for the last 1.8 My from a Central Equatorial Pacific Core". Geophysical Research Letters, 1997, 24, 2621-2621.	4.0	0
158	Magnetostratigraphy: From a Million to a Thousand Years. Frontiers in Earth Sciences, 2021, , 101-116.	0.1	0