

# Catherine Kissel

## List of Publications by Year in descending order

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158  
papers

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citations

31902

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165  
docs citations

165  
times ranked

6254  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Tertiary geodynamical evolution of the Aegean arc: a paleomagnetic reconstruction. <i>Tectonophysics</i> , 1988, 146, 183-201.	0.9	343
2	North Atlantic palaeointensity stack since 75ka (NAPISâ€“75) and the duration of the Laschamp event. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2000, 358, 1009-1025.	1.6	327
3	Atlantic Meridional Overturning Circulation During the Last Glacial Maximum. <i>Science</i> , 2007, 316, 66-69.	6.0	322
4	Erosional history of the Himalayan and Burman ranges during the last two glacialâ€“interglacial cycles. <i>Earth and Planetary Science Letters</i> , 1999, 171, 647-660.	1.8	247
5	Low-temperature magnetic behavior of titanomagnetites. <i>Earth and Planetary Science Letters</i> , 1998, 157, 141-149.	1.8	220
6	Reduced North Atlantic Deep Water Coeval with the Glacial Lake Agassiz Freshwater Outburst. <i>Science</i> , 2008, 319, 60-64.	6.0	218
7	Changes in the carbon cycle during the last deglaciation as indicated by the comparison of 10Be and 14C records. <i>Earth and Planetary Science Letters</i> , 2004, 219, 325-340.	1.8	188
8	Rapid climatic variations during marine isotopic stage 3: magnetic analysis of sediments from Nordic Seas and North Atlantic. <i>Earth and Planetary Science Letters</i> , 1999, 171, 489-502.	1.8	183
9	High-resolution record of the Upper Olduvai transition from Po Valley (Italy) sediments: support for dipolar transition geometry?. <i>Physics of the Earth and Planetary Interiors</i> , 1991, 65, 319-336.	0.7	176
10	Dansgaardâ€“Oeschger cycles: Interactions between ocean and sea ice intrinsic to the Nordic seas. <i>Paleoceanography</i> , 2013, 28, 491-502.	3.0	170
11	On the age of the Laschamp geomagnetic excursion. <i>Earth and Planetary Science Letters</i> , 2004, 227, 331-343.	1.8	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. <i>Earth and Planetary Science Letters</i> , 2000, 183, 161-177.	1.8	152
13	Decadal variability of sea surface temperatures off North Iceland over the last 2000Âˆyears. <i>Earth and Planetary Science Letters</i> , 2008, 268, 137-142.	1.8	148
14	Chlorine-36 evidence for the Mono Lake event in the Summit GRIP ice core. <i>Earth and Planetary Science Letters</i> , 2000, 181, 1-6.	1.8	147
15	Magnetic fabric in â€œundeformedâ€•marine clays from compressional zones. <i>Tectonics</i> , 1986, 5, 769-781.	1.3	145
16	South Atlantic and North Atlantic geomagnetic paleointensity stacks (0â€“80ka): implications for inter-hemispheric correlation. <i>Quaternary Science Reviews</i> , 2002, 21, 1141-1151.	1.4	141
17	Magnetic fabric as a structural indicator of the deformation path within a fold-thrust structure: a test case from the CorbiÃˆres (NE Pyrenees, France). <i>Journal of Structural Geology</i> , 1992, 14, 461-474.	1.0	121
18	Shallow-marine sediment cores record climate variability and earthquake activity off Lisbon (Portugal) for the last 2000 years. <i>Quaternary Science Reviews</i> , 2005, 24, 2477-2494.	1.4	120

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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.	1.0	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.	1.8	118
21	Holocene history of the Larsen-A Ice Shelf constrained by geomagnetic paleointensity dating. <i>Geology</i> , 2003, 31, 749.	2.0	118
22	Paleomagnetic reconstruction of the Cenozoic evolution of the Eastern Mediterranean. <i>Tectonophysics</i> , 2003, 362, 199-217.	0.9	107
23	Rapid Reductions in North Atlantic Deep Water During the Peak of the Last Interglacial Period. <i>Science</i> , 2014, 343, 1129-1132.	6.0	103
24	Field-dependence of AC susceptibility in titanomagnetites. <i>Earth and Planetary Science Letters</i> , 1998, 157, 129-139.	1.8	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.	1.8	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.	0.7	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.	1.0	92
28	$^{40}\text{Ar}/^{39}\text{Ar}$ , $^{40}\text{Ar}$ 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.	1.8	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.	1.8	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.	1.8	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.	0.7	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.	1.8	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.	0.9	78
34	Tertiary geodynamical evolution of northwestern Greece: paleomagnetic results. <i>Earth and Planetary Science Letters</i> , 1985, 72, 190-204.	1.8	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.	2.6	71

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37	Millennial-scale sea surface temperature and Patagonian Ice Sheet changes off southernmost Chile (53°S) over the past ~1460 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.	1.4	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.	1.8	67
41	Updated calibration of the clumped isotope thermometer in planktonic and benthic foraminifera. <i>Geochimica Et Cosmochimica Acta</i> , 2018, 239, 1-16.	1.6	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.	0.7	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.	0.9	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.	1.8	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	0.7	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	1.8	60
50	Paleomagnetic evidence for Cenozoic clockwise rotation of the external Albanides. <i>Earth and Planetary Science Letters</i> , 1995, 129, 121-134.	1.8	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.	1.0	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.	1.8	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.	1.8	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.	1.5	54

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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.	1.5	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.	1.8	52
58	Paleomagnetic evidence for Neogene rotational deformations in the Aegean domain. <i>Tectonics</i> , 1986, 5, 783-795.	1.3	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.	1.8	48
60	Geomagnetic field evolution during the Laschamp excursion. <i>Earth and Planetary Science Letters</i> , 2009, 278, 87-95.	1.8	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.	1.8	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.	1.8	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.	1.8	39
65	Postglacial palaeoceanography in the Skagerrak. <i>Holocene</i> , 2006, 16, 975-985.	0.9	38
66	An impending geomagnetic transition? Hints from the past. <i>Frontiers in Earth Science</i> , 2015, 3, .	0.8	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.	1.8	38
68	Post-Oligocene rotations in southern Ecuador and northern Peru and the formation of the Huancahuasi deflection in the Andean Cordillera. <i>Earth and Planetary Science Letters</i> , 1990, 98, 329-339.	1.8	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.	0.7	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.	1.0	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.	0.8	33
72	Magnetic signature of rapid climatic variations in glacial North Atlantic, a review. <i>Comptes Rendus - Geoscience</i> , 2005, 337, 908-918.	0.4	33

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73	The penultimate deglaciation: High-resolution paleoceanographic evidence from a north-south transect along the eastern Nordic Seas. <i>Earth and Planetary Science Letters</i> , 2006, 241, 505-516.	1.8	33
74	Palaeomagnetic intensities from 14C-dated lava flows on the Big Island, Hawaii: 21 kyr. <i>Earth and Planetary Science Letters</i> , 2006, 247, 26-40.	1.8	33
75	Millennial-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.	0.7	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 /Overlock 10 Tf 50 54	1.8	32
79	Precessional changes in the western equatorial Pacific Hydroclimate: A 240 kyr marine record from the Halmahera Sea, Indonesia. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 148-164.	1.0	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.	1.0	31
81	Complex behavior of the geomagnetic field during three successive polarity reversals, 11-12 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.	1.5	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.	0.8	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.	1.5	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.	1.5	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.	1.4	29
89	New paleomagnetic data from Oligocene formations of northern Aegea. <i>Geophysical Research Letters</i> , 1986, 13, 1039-1042.	1.5	27
90	Provenance of freshwater pulses in the Gulf of Mexico during the last deglaciation. <i>Quaternary Research</i> , 2010, 74, 235-245.	1.0	27

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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.	1.0	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.	1.6	27
93	Rapid changes and near-stationarity of the geomagnetic field during a polarity reversal. <i>Nature</i> , 1987, 330, 145-148.	13.7	26
94	Cinématique des déformations au sein d'un système chevauchant aveugle; l'exemple de la "Montagna dei Fiori" (front des Apennins centraux, Italie). <i>Bulletin - Société Géologique De France</i> , 1995, 166, 451-461.	0.9	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, .	1.0	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.	1.0	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.	1.1	25
98	Effectiveness of combined unspiked $^{40}\text{Ar}$ and $^{40}\text{Ar}/^{39}\text{Ar}$ dating methods in the $^{14}\text{C}$ age range. <i>Quaternary Geochronology</i> , 2011, 6, 530-538.	0.6	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.	1.0	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.	1.8	24
101	Late Miocene to early Pliocene climate variability off NW Africa (ODP Site 659). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 401, 81-95.	1.0	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.	1.0	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.	1.4	23
104	Late Cainozoic rotation of the Peruvian Western Cordillera and the uplift of the Central Andes. <i>Tectonophysics</i> , 1992, 205, 65-77.	0.9	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.	1.4	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.	1.8	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.	0.5	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.	1.5	20

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109	Variation of pore fabric across a fold-thrust structure. <i>Geophysical Research Letters</i> , 1994, 21, 2147-2150.	1.5	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.	0.7	20
111	Middle-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.	0.9	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.	1.4	20
114	Teleconnection between the Intertropical Convergence Zone and southern westerly winds throughout the last deglaciation. <i>Geology</i> , 2015, 43, 735-738.	2.0	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.	1.0	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.	1.8	18
119	Seismo-turbidites in Ays�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.	1.4	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.	1.0	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.	1.4	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.	1.0	16
123	First paleomagnetism of eocene rocks from Gargano: Widespread overprint or non rotation?. <i>Geophysical Research Letters</i> , 1993, 20, 2627-2630.	1.5	15
124	Magnetic mineralogy and metamorphic zonation in the Ardennes Massif (France-Belgium). <i>Tectonophysics</i> , 1997, 271, 231-248.	0.9	15
125	Sedimentation rate control on diagenesis, East China Sea sediments. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 187, 301-309.	0.7	15
126	Geomagnetic field intensity and inclination records from Hawaii and the R�union Island: Geomagnetic implications. <i>Physics of the Earth and Planetary Interiors</i> , 2011, 187, 170-187.	0.7	15



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127	Anatomy of an extinct magmatic system along a divergent plate boundary: Alftafjordur, Iceland. <i>Geophysical Research Letters</i> , 2015, 42, 6306-6313.	1.5	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.	1.3	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.	1.0	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.	0.8	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.	0.7	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.	1.3	13
134	Palaeomagnetic evidence of Miocene and Pliocene rotational deformations of the Aegean Area. <i>Geological Society Special Publication</i> , 1984, 17, 669-679.	0.8	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.	1.8	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.	1.8	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.	1.8	11
138	Regional vegetation and climate changes during the last 13 kyr from a marine pollen record in Seno Reloncav, southern Chile. <i>Review of Palaeobotany and Palynology</i> , 2012, 181, 11-21.	0.8	11
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