Dennis V Kent

List of Publications by Year
in descending order

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243 papers	18,780 citations	13865 67 h-index	19190 118 g-index
252 all docs	252 docs citations	252 times ranked	8432 citing authors

#	Article	IF	Citations
1	A Revised Cenozoic Geochronology and Chronostratigraphy. , 1995, , .		1,615
2	A new geomagnetic polarity time scale for the Late Cretaceous and Cenozoic. Journal of Geophysical Research, 1992, 97, 13917-13951.	3.3	1,221
3	Cenozoic geochronology. Bulletin of the Geological Society of America, 1985, 96, 1407.	3.3	713
4	3.3-million-year-old stone tools from Lomekwi 3, West Turkana, Kenya. Nature, 2015, 521, 310-315.	27.8	703
5	Revised magnetic polarity time scale for Late Cretaceous and Cenozoic time. Geology, 1977, 5, 330.	4.4	502
6	An earlier origin for the Acheulian. Nature, 2011, 477, 82-85.	27.8	453
7	Zircon U-Pb Geochronology Links the End-Triassic Extinction with the Central Atlantic Magmatic Province. Science, 2013, 340, 941-945.	12.6	430
8	Decoupling of As and Fe release to Bangladesh groundwater under reducing conditions. Part I: Evidence from sediment profiles. Geochimica Et Cosmochimica Acta, 2004, 68, 3459-3473.	3.9	300
9	A Cretaceous and Jurassic geochronology. Bulletin of the Geological Society of America, 1985, 96, 1419.	3.3	298
10	Orbital climate forcing of Î´13C excursions in the late Paleocene-early Eocene (chrons C24n-C25n). Paleoceanography, 2003, 18, n/a-n/a.	3.0	266
11	Opening of the Neo-Tethys Ocean and the Pangea B to Pangea A transformation during the Permian. Geoarabia, 2009, 14, 17-48.	1.6	249
12	Milankovitch climate forcing in the tropics of Pangaea during the Late Triassic. Palaeogeography, Palaeoclimatology, Palaeoecology, 1996, 122, 1-26.	2.3	235
13	Early Permian Pangea â€˜Bâ€™ to Late Permian Pangea â€˜Aâ€™â˜†. Earth and Planetary Science Letters, 2003, 215, 379-394.	4.4	213
14	Atmospheric P <scp>co</scp> ₂ Perturbations Associated with the Central Atlantic Magmatic Province. Science, 2011, 331, 1404-1409.	12.6	211
15	Long-period Milankovitch cycles from the Late Triassic and Early Jurassic of eastern North America and their implications for the calibration of the Early Mesozoic timeâ€“scale and the longâ€“term behaviour of the planets. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 1999, 357, 1761-1786.	3.4	187
16	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.	2.4	183
17	Post-depositional Remanent Magnetisation in Deep-sea Sediment. Nature, 1973, 246, 32-34.	27.8	173
18	Thermoviscous remagnetization in some Appalachian limestones. Geophysical Research Letters, 1985, 12, 805-808.	4.0	167

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19	High-resolution stratigraphy of the Newark rift basin (early Mesozoic, eastern North America). Bulletin of the Geological Society of America, 1996, 108, 40-77.	3.3	167
20	A case for a comet impact trigger for the Paleocene/Eocene thermal maximum and carbon isotope excursion. Earth and Planetary Science Letters, 2003, 211, 13-26.	4.4	167
21	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, 0, , 101-115.	0.1	167
22	Corrected Late Triassic Latitudes for Continents Adjacent to the North Atlantic. Science, 2005, 307, 240-244.	12.6	166
23	Tethyan magnetostratigraphy from Pizzo Mondello (Sicily) and correlation to the Late Triassic Newark astrochronological polarity time scale. Bulletin of the Geological Society of America, 2004, 116, 1043.	3.3	164
24	End-Triassic calcification crisis and blooms of organic-walled â€˜disaster speciesâ€™. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 244, 126-141.	2.3	158
25	Magnetostratigraphic, biostratigraphic, and stable isotope stratigraphy of an Upper Miocene drill core from the SalÃ© Briqueterie (northwestern Morocco): A high-resolution chronology for the Messinian stage. Paleoceanography, 1994, 9, 835-855.	3.0	149
26	Jurassic to Paleogene: Part 2 Paleogene geochronology and chronostratigraphy. Geological Society Memoir, 1985, 10, 141-195.	1.7	148
27	Influence of inclination error in sedimentary rocks on the Triassic and Jurassic apparent pole wander path for North America and implications for Cordilleran tectonics. Journal of Geophysical Research, 2010, 115, .	3.3	148
28	Paleomagnetism of the Devonian Catskill red beds: Evidence for motion of the coastal New Englandâ€Canadian maritime region relative to cratonic North America. Journal of Geophysical Research, 1978, 83, 4441-4450.	3.3	146
29	Synchrony between the Central Atlantic magmatic province and the Triassicâ€“Jurassic mass-extinction event?. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 244, 345-367.	2.3	145
30	Astronomically tuned geomagnetic polarity timescale for the Late Triassic. Journal of Geophysical Research, 1999, 104, 12831-12841.	3.3	144
31	Testing corrections for paleomagnetic inclination error in sedimentary rocks: A comparative approach. Physics of the Earth and Planetary Interiors, 2008, 169, 152-165.	1.9	141
32	Astrochronostratigraphic polarity time scale (APTS) for the Late Triassic and Early Jurassic from continental sediments and correlation with standard marine stages. Earth-Science Reviews, 2017, 166, 153-180.	9.1	131
33	Equatorial convergence of India and early Cenozoic climate trends. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 16065-16070.	7.1	130
34	Shallow bias of paleomagnetic inclinations in the Paleozoic and Precambrian. Earth and Planetary Science Letters, 1998, 160, 391-402.	4.4	129
35	Depth of post-depositional remanence acquisition in deep-sea sediments: a case study of the Brunhes-Matuyama reversal and oxygen isotopic Stage 19.1. Earth and Planetary Science Letters, 1990, 99, 1-13.	4.4	126
36	The Dababiya Quarry Section: Lithostratigraphy, clay mineralogy, geochemistry and paleontology. Micropaleontology, 2003, 49, 41-59.	1.0	122

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37	Details of magnetic polarity transitions recorded in a high deposition rate deep-sea core. Earth and Planetary Science Letters, 1973, 20, 315-324.	4.4	114
38	The timeâ€averaged paleomagnetic field. Reviews of Geophysics, 1990, 28, 71-96.	23.0	113
39	Rapid emplacement of the Central Atlantic Magmatic Province as a net sink for CO2. Earth and Planetary Science Letters, 2012, 323-324, 27-39.	4.4	112
40	Multicomponent magnetizations from the Mississippian Mauch Chunk Formation of the central Appalachians and their tectonic implications. Journal of Geophysical Research, 1985, 90, 5371-5383.	3.3	110
41	Regional trends in the timing of Alleghanian remagnetization in the Appalachians. Geology, 1988, 16, 588.	4.4	110
42	Mesozoic Alpine facies deposition as a result of past latitudinal plate motion. Nature, 2005, 434, 59-63.	27.8	110
43	Ultrahigh resolution marine magnetic anomaly profiles: A record of continuous paleointensity variations?. Journal of Geophysical Research, 1992, 97, 15075-15083.	3.3	107
44	A detailed chronology of the Australasian impact event, the Brunhes-Matuyama geomagnetic polarity reversal, and global climate change. Earth and Planetary Science Letters, 1992, 111, 395-405.	4.4	103
45	Eocene biostratigraphy and magnetic stratigraphy from Possagno, Italy: The calcareous nannofossil response to climate variability. Earth and Planetary Science Letters, 2006, 241, 815-830.	4.4	101
46	Evolution of Pangea: paleomagnetic constraints from the Southern Alps, Italy. Earth and Planetary Science Letters, 1996, 140, 97-112.	4.4	98
47	Constraints imposed by the shape of marine magnetic anomalies on the magnetic source. Journal of Geophysical Research, 1976, 81, 4157-4162.	3.3	94
48	Source of Oceanic Magnetic Anomalies and the Geomagnetic Polarity Timescale. , 2007, , 455-507.		91
49	Age constraints on the dispersal of dinosaurs in the Late Triassic from magnetochronology of the Los Colorados Formation (Argentina). Proceedings of the National Academy of Sciences of the United States of America, 2014, 111, 7958-7963.	7.1	91
50	Upper Eocene to Oligocene isotope (⁸⁷Sr/⁸⁶Sr, Î´¹⁸O,) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 22	3.0	90
51	Climatically driven biogeographic provinces of Late Triassic tropical Pangea. Proceedings of the National Academy of Sciences of the United States of America, 2011, 108, 8972-8977.	7.1	90
52	Widespread late Mesozoic to Recent remagnetization of Paleozoic and lower Triassic sedimentary rocks from South China. Tectonophysics, 1987, 139, 133-143.	2.2	86
53	Palaeomagnetic determination of emplacement temperature of Vesuvius AD 79 pyroclastic deposits. Nature, 1981, 290, 393-396.	27.8	85
54	Short polarity intervals within the Matuyama: transitional field records from hydraulic piston cored sediments from the North Atlantic. Earth and Planetary Science Letters, 1987, 81, 253-264.	4.4	85

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55	Modulation of Late Cretaceous and Cenozoic climate by variable drawdown of atmospheric <i>p</i>CO₂ from weathering of basaltic provinces on continents drifting through the equatorial humid belt. Climate of the Past, 2013, 9, 525-546.	3.4	85
56	Magnetic polarity stratigraphy and paleolatitude of the Triassicâ€“Jurassic Blomidon Formation in the Fundy basin (Canada): implications for early Mesozoic tropical climate gradients. Earth and Planetary Science Letters, 2000, 179, 311-324.	4.4	84
57	Magnetic components contributing to the NRM of Middle Siwalik red beds. Earth and Planetary Science Letters, 1980, 47, 279-284.	4.4	83
58	Rhaetian magneto-biostratigraphy from the Southern Alps (Italy): Constraints on Triassic chronology. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 285, 1-16.	2.3	83
59	Paleomagnetism of upper Cretaceous rocks from South China. Earth and Planetary Science Letters, 1986, 79, 179-184.	4.4	82
60	Correlation of paleointensity variation records in the Brunhes/Matuyama polarity transition interval. Earth and Planetary Science Letters, 1995, 129, 135-144.	4.4	82
61	Implications of the Newark Supergroup-based astrochronology and geomagnetic polarity time scale (Newark-APTS) for the tempo and mode of the early diversification of the Dinosauria. Earth and Environmental Science Transactions of the Royal Society of Edinburgh, 2010, 101, 201-229.	0.3	82
62	Paleomagnetism of 122 Ma plutons in New England and the Midâ€Cretaceous Paleomagnetic Field in North America: True Polar wander or largeâ€scale differential mantle motion?. Journal of Geophysical Research, 1992, 97, 19651-19661.	3.3	81
63	Human migration into Europe during the late Early Pleistocene climate transition. Palaeogeography, Palaeoclimatology, Palaeoecology, 2010, 296, 79-93.	2.3	80
64	Laschamp Excursion at Mono Lake?. Earth and Planetary Science Letters, 2002, 197, 151-164.	4.4	76
65	Emergence of Venice during the Pleistocene. Quaternary Science Reviews, 2002, 21, 1719-1727.	3.0	76
66	Pleistocene magnetochronology of early hominin sites at Ceprano and Fontana Ranuccio, Italy. Earth and Planetary Science Letters, 2009, 286, 255-268.	4.4	76
67	A Middleâ€“Late Triassic (Ladinianâ€“Rhaetian) carbon and oxygen isotope record from the Tethyan Ocean. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 399, 246-259.	2.3	76
68	Mesozoic evolution of West Antarctica and the Weddell Sea Basin: new paleomagnetic constraints. Earth and Planetary Science Letters, 1987, 86, 16-26.	4.4	74
69	Empirical evidence for stability of the 405-kiloyear Jupiterâ€“Venus eccentricity cycle over hundreds of millions of years. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 6153-6158.	7.1	74
70	Bolide summer: The Paleocene/Eocene thermal maximum as a response to an extraterrestrial trigger. Palaeogeography, Palaeoclimatology, Palaeoecology, 2005, 224, 144-166.	2.3	73
71	Pliocene-Pleistocene radiolarian events and magnetostratigraphic calibrations for the tropical Indian Ocean. Marine Micropaleontology, 1989, 14, 33-66.	1.2	72
72	A Late Triassic lake system in East Greenland: facies, depositional cycles and palaeoclimate. Palaeogeography, Palaeoclimatology, Palaeoecology, 1998, 140, 135-159.	2.3	69

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73	Integrated Paleocene calcareous plankton magnetobiochronology and stable isotope stratigraphy: DSDP Site 384 (NW Atlantic Ocean). Palaeogeography, Palaeoclimatology, Palaeoecology, 2000, 159, 1-51.	2.3	68
74	A 30 Myr record of Late Triassic atmosphericpCO₂variation reflects a fundamental control of the carbon cycle by changes in continental weathering. Bulletin of the Geological Society of America, 2015, 127, 661-671.	3.3	68
75	Potential on-shore and off-shore reservoirs for CO ₂ sequestration in Central Atlantic magmatic province basalts. Proceedings of the National Academy of Sciences of the United States of America, 2010, 107, 1327-1332.	7.1	67
76	The Early Carboniferous paleomagnetic field of North America and its bearing on tectonics of the Northern Appalachians. Earth and Planetary Science Letters, 1979, 44, 365-372.	4.4	66
77	Early Jurassic magnetostratigraphy and paleolatitudes from the Hartford continental rift basin (eastern North America): Testing for polarity bias and abrupt polar wander in association with the central Atlantic magmatic province. Journal of Geophysical Research, 2008, 113, .	3.3	66
78	High Resolution Global Paleointensity Stack Since 75 kyr (GLOPIS-75) Calibrated to Absolute Values. Geophysical Monograph Series, 0, , 255-265.	0.1	65
79	Paleomagnetism of Siluro-Devonian rocks from eastern Maine. Canadian Journal of Earth Sciences, 1980, 17, 1653-1665.	1.3	64
80	Widespread formation of cherts during the early Eocene climate optimum. Palaeogeography, Palaeoclimatology, Palaeoecology, 2007, 253, 348-362.	2.3	64
81	First dated human occupation of Italy at ~0.85Ma during the late Early Pleistocene climate transition. Earth and Planetary Science Letters, 2011, 307, 241-252.	4.4	64
82	Highâ€latitude paleomagnetic poles from Middle Jurassic Plutons and moat volcanics in New England and the controversy regarding Jurassic Apparent Polar Wander for North America. Journal of Geophysical Research, 1990, 95, 17503-17516.	3.3	61
83	Magnetostratigraphy and paleomagnetic poles from Late Triassic-earliest Jurassic strata of the Newark basin. Bulletin of the Geological Society of America, 1991, 103, 1648-1662.	3.3	60
84	A Southern Hemisphere record of the Matuyamaâ€Brunhes polarity reversal. Geophysical Research Letters, 1991, 18, 81-84.	4.0	58
85	Variations in layer 2A thickness and the origin of the central anomaly magnetic high. Geophysical Research Letters, 1994, 21, 297-300.	4.0	58
86	Mapping Solar System chaos with the Geological Orrery. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 10664-10673.	7.1	58
87	Revised chronology for late Pleistocene Mono Lake sediments based on paleointensity correlation to the global reference curve. Earth and Planetary Science Letters, 2006, 252, 94-106.	4.4	57
88	Synfolding and prefolding magnetizations in the Upper Devonian Catskill Formation of eastern Pennsylvania: Implications for the tectonic history of Acadia. Journal of Geophysical Research, 1986, 91, 12791-12803.	3.3	56
89	Paleomagnetic results from the Silurian of the Yangtze paraplatform. Tectonophysics, 1987, 139, 123-132.	2.2	56
90	Magnetic alteration of zero-age oceanic basalt. Geology, 1996, 24, 703.	4.4	56

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91	Cooling rate effects on paleointensity estimates in submarine basaltic glass and implications for dating young flows. Geochemistry, Geophysics, Geosystems, 2005, 6, n/a-n/a.	2.5	56
92	Are the Pacific and Indoâ€“Atlantic hotspots fixed? Testing the plate circuit through Antarctica. Earth and Planetary Science Letters, 1999, 170, 105-117.	4.4	55
93	Paleomagnetism of the Devonian Onondaga limestone revisited. Journal of Geophysical Research, 1979, 84, 3576-3588.	3.3	53
94	A detailed record of the Lower Jaramillo Polarity Transition from a southern hemisphere, deepâ€sea sediment core. Journal of Geophysical Research, 1984, 89, 1049-1058.	3.3	53
95	Paleomagnetic evidence for Neogene tectonic rotations in the northern Apennines, Italy. Earth and Planetary Science Letters, 1998, 154, 25-40.	4.4	53
96	Magnetostratigraphic confirmation of a much faster tempo for sea-level change for the Middle Triassic Latemar platform carbonates. Earth and Planetary Science Letters, 2004, 228, 369-377.	4.4	52
97	Evidence for abundant isolated magnetic nanoparticles at the Paleoceneâ€“Eocene boundary. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 425-430.	7.1	52
98	Further paleomagnetic evidence for oroclinal rotation in the central folded Appalachians from the Bloomsburg and the Mauch Chunk Formations. Tectonics, 1988, 7, 749-759.	2.8	51
99	Ivory Coast microtektite strewn field: description and relation to the Jaramillo geomagnetic event. Earth and Planetary Science Letters, 1991, 107, 182-196.	4.4	51
100	Paleomagnetism of the Silurian-Devonian Andreas redbeds: Evidence for an Early Devonian supercontinent?. Geology, 1988, 16, 195.	4.4	50
101	A middle Carnian to early Norian (â^¼225 Ma) paleopole from sediments of the Newark Basin, Pennsylvania. Bulletin of the Geological Society of America, 1989, 101, 1118-1126.	3.3	50
102	A critique of evidence for human occupation of Europe older than the Jaramillo subchron (â^¼1ÂMa): Comment on â€˜The oldest human fossil in Europe from Orce (Spain)â€™ by. Journal of Human Evolution, 2013, 65, 746-749.	2.6	50
103	On the magnetic susceptibility anisotropy of deep-sea sediment. Earth and Planetary Science Letters, 1975, 28, 1-12.	4.4	49
104	Late Paleocene event chronology; unconformities, not diachrony. Bulletin - Societie Geologique De France, 2000, 171, 367-378.	2.2	49
105	Slow apparent polar wander for North America in the Late Triassic and large Colorado Plateau rotation. Tectonics, 1993, 12, 291-300.	2.8	48
106	Cyclo-, magneto-, and bio-stratigraphic constraints on the duration of the CAMP event and its relationship to the Triassic-Jurassic boundary. Geophysical Monograph Series, 2003, , 7-32.	0.1	48
107	Early hominins in Europe: The Galerian migration hypothesis. Quaternary Science Reviews, 2018, 180, 1-29.	3.0	46
108	Inclination anomalies from Indian Ocean sediments and the possibility of a standing nondipole field. Journal of Geophysical Research, 1988, 93, 11621-11630.	3.3	44

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109	Paleomagnetic results of Tertiary sediments from Corsica: evidence of post-Eocene rotation. Physics of the Earth and Planetary Interiors, 1990, 62, 97-108.	1.9	44
110	Paleomagnetic evidence for Postâ€Devonian displacement of the Avalon Platform (Newfoundland). Journal of Geophysical Research, 1982, 87, 8709-8716.	3.3	43
111	Characteristics of magnetic carriers responsible for Late Paleozoic remagnetization in carbonate strata of the mid-continent, U.S.A.. Earth and Planetary Science Letters, 1990, 99, 351-361.	4.4	43
112	Paleomagnetism of the Upper Devonian Catskill Formation from the southern limb of the Pennsylvania Salient: Possible evidence of oroclinal rotation. Geophysical Research Letters, 1986, 13, 1173-1176.	4.0	42
113	Redbeds and thermoviscous magnetization theory. Geophysical Research Letters, 1987, 14, 327-330.	4.0	42
114	The paleomagnetism of red beds and basalts of the Hettangian Extrusive Zone, Newark Basin, New Jersey. Journal of Geophysical Research, 1990, 95, 17533-17545.	3.3	42
115	Impact ejecta at the Paleocene-Eocene boundary. Science, 2016, 354, 225-229.	12.6	42
116	Pangea B and the Late Paleozoic Ice Age. Palaeogeography, Palaeoclimatology, Palaeoecology, 2020, 553, 109753.	2.3	42
117	Introduction of thermal activation in forward modeling of hysteresis loops for single-domain magnetic particles and implications for the interpretation of the Day diagram. Journal of Geophysical Research, 2003, 108, .	3.3	41
118	Integrated Late Eoceneâ€Oligocene Stratigraphy of the Alabama Coastal Plain: Correlation of Hiatuses and Stratal Surfaces to Glacioeustatic Lowerings. Paleoceanography, 1993, 8, 313-331.	3.0	40
119	Paleointensity applications to timing and extent of eruptive activity, 9Â°-10Â°N East Pacific Rise. Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	2.5	40
120	Revised Magnetostratigraphies Confirm Low Sedimentation Rates in Arctic Ocean Cores. Quaternary Research, 1988, 29, 43-53.	1.7	39
121	Palaeozoic palaeogeography from palaeomagnetism of the Atlantic-bordering continents. Geological Society Memoir, 1990, 12, 49-56.	1.7	39
122	Magnetic hysteresis in young mid-ocean ridge basalts: Dominant cubic anisotropy?. Geophysical Research Letters, 1995, 22, 551-554.	4.0	39
123	Marine magnetic anomalies as recorders of geomagnetic intensity variations. Earth and Planetary Science Letters, 1996, 144, 327-335.	4.4	39
124	Middle Triassic magnetostratigraphy and biostratigraphy from the Dolomites and Greece. Earth and Planetary Science Letters, 1997, 146, 107-120.	4.4	39
125	Paleomagnetism of Upper Triassic continental sedimentary rocks from the Dan Riverâ€“Danville rift basin (eastern North America). Bulletin of the Geological Society of America, 1997, 109, 366-377.	3.3	39
126	Paleointensity record in zero-age submarine basalt glasses: testing a new dating technique for recent MORBs. Earth and Planetary Science Letters, 2000, 183, 389-401.	4.4	39

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127	Magnetostratigraphy and biostratigraphy of the Carnian/Norian boundary interval from the Pizzo Mondello section (Sicani Mountains, Sicily). Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 166, 383-399.	2.3	39
128	A comparison of two sequential geomagnetic polarity transitions (upper Olduvai and lower Jaramillo) from the Southern Hemisphere. Physics of the Earth and Planetary Interiors, 1985, 39, 301-313.	1.9	38
129	Eocene-Oligocene sea-level changes on the New Jersey coastal plain linked to the deep-sea record. Bulletin of the Geological Society of America, 1990, 102, 331-339.	3.3	38
130	Integrated Anisianâ€“Ladinian boundary chronology. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 208, 85-102.	2.3	38
131	Oligocene magnetostratigraphy from Equatorial Pacific sediments (ODP Sites 1218 and 1219, Leg 199). Earth and Planetary Science Letters, 2005, 237, 617-634.	4.4	38
132	New magnetostratigraphy for the Olduvai Subchron in the Koobi Fora Formation, northwest Kenya, with implications for early Homo. Earth and Planetary Science Letters, 2010, 290, 362-374.	4.4	38
133	Jurassic Monster Polar Shift Confirmed by Sequential Paleopoles From Adria, Promontory of Africa. Journal of Geophysical Research: Solid Earth, 2019, 124, 3288-3306.	3.4	38
134	U-Pb zircon geochronology and depositional age models for the Upper Triassic Chinle Formation (Petrified Forest National Park, Arizona, USA): Implications for Late Triassic paleoecological and paleoenvironmental change. Bulletin of the Geological Society of America, 2021, 133, 539-558.	3.3	38
135	Magnetization of axial lavas from the southern East Pacific Rise (14Â°-23Â°S): Geochemical controls on magnetic properties. Journal of Geophysical Research, 1997, 102, 24873-24886.	3.3	37
136	Tracking the Late Jurassic apparent (or true) polar shift in Uâ€Pbâ€dated kimberlites from cratonic North America (Superior Province of Canada). Geochemistry, Geophysics, Geosystems, 2015, 16, 983-994.	2.5	37
137	Calibration of magnetic granulometric trends in oceanic basalts. Earth and Planetary Science Letters, 1999, 170, 377-390.	4.4	36
138	Geomagnetic Polarity Timescales and Reversal Frequency Regimes. Geophysical Monograph Series, 0, , 117-129.	0.1	35
139	Chronostratigraphy of KNM-ER 3733 and other Area 104 hominins from Koobi Fora. Journal of Human Evolution, 2015, 86, 99-111.	2.6	35
140	Latitudinal dependency of geomagnetic polarity transition durations. Nature, 1984, 310, 488-491.	27.8	34
141	New magnetobiostratigraphic results from the Ladinian of the Dolomites and implications for the Triassic geomagnetic polarity timescale. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 517, 52-73.	2.3	34
142	Magnetobiostratigraphy of the Spathian to Anisian (Lower to Middle Triassic) KÃ§ira section, Albania. Geophysical Journal International, 1996, 127, 503-514.	2.4	33
143	Paleomagnetism and cycle stratigraphy of the Triassic Fleming Fjord and Gipsdalen Formations of East Greenland. Bulletin of the Geological Society of Denmark, 1996, 42, 121-136.	1.1	33
144	Equatorial paleomagnetic timeâ€averaged field results from 0â€“5 Ma lavas from Kenya and the latitudinal variation of angular dispersion. Geochemistry, Geophysics, Geosystems, 2010, 11, .	2.5	31

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145	Testing models of the Tertiary paleomagnetic field. Earth and Planetary Science Letters, 1990, 101, 260-271.	4.4	30
146	Timing of volcanism along the northern East Pacific Rise based on paleointensity experiments on basaltic glasses. Journal of Geophysical Research, 2004, 109, .	3.3	30
147	Miocene magnetostratigraphy from Equatorial Pacific sediments (ODP Site 1218, Leg 199). Earth and Planetary Science Letters, 2004, 226, 207-224.	4.4	30
148	Meteoric smoke fallout revealed by superparamagnetism in Greenland ice. Geophysical Research Letters, 2006, 33, .	4.0	30
149	Early Cretaceous paleomagnetic results from Marie Byrd Land, West Antarctica: Implications for the Weddellia collage of crustal blocks. Journal of Geophysical Research, 1995, 100, 8133-8151.	3.3	28
150	Identification of the short-lived Santa Rosa geomagnetic excursion in lavas on Floreana Island (Galapagos) by⁴⁰Ar/³⁹Ar geochronology. Geology, 2016, 44, 359-362.	4.4	27
151	Paleomagnetism of the Upper Ordovician Juniata Formation of the central Appalachians revisited again. Journal of Geophysical Research, 1989, 94, 1843-1849.	3.3	26
152	A Palaeomagnetic Study of 143 Ma Kimberlite Dikes In Central New York State. Geophysical Journal International, 1993, 113, 175-185.	2.4	26
153	Mid-Neogene Mediterranean marineâ€“continental correlations: an alternative interpretation. Palaeogeography, Palaeoclimatology, Palaeoecology, 2004, 204, 165-186.	2.3	26
154	Paleomagnetism of the Lower Devonian Traveler Felsite and the Acadian orogeny in the New England Appalachians. Bulletin of the Geological Society of America, 1983, 94, 1319.	3.3	25
155	The relative stabilities of the reverse and normal polarity states of the earth's magnetic field. Earth and Planetary Science Letters, 1987, 82, 373-383.	4.4	24
156	Magnetostratigraphy of a Lower-Middle Triassic boundary section from Chios (Greece). Physics of the Earth and Planetary Interiors, 1995, 92, 245-260.	1.9	24
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