List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Spatial–temporal heterogeneity in a small lake and its implication for paleoclimate reconstruction. Limnology, 2022, 23, 17-35.	0.8	2

2 Discovery of enigmatic toroidal carbonate concretions on the Rio Grande Rise (Southwestern) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 702

3	Geochemical insights into formation of enigmatic ironstones from Rio Grande rise, South Atlantic Ocean. Marine Geology, 2022, 444, 106716.	0.9	5
4	Abundance and microbial diversity from surface to deep water layers over the Rio Grande Rise, South Atlantic. Progress in Oceanography, 2022, 201, 102736.	1.5	3
5	Mid-Cretaceous marine Os isotope evidence for heterogeneous cause of oceanic anoxic events. Nature Communications, 2022, 13, 239.	5.8	37
6	Biostratigraphy and Paleoenvironmental Reconstruction at the Gebel Nezzazat (Central Sinai, Egypt): A Paleocene Record for the Southern Tethys. Geosciences (Switzerland), 2022, 12, 96.	1.0	3
7	Integrated stratigraphy of the Lutetian–Priabonian pelagic section at Bottaccione (Gubbio, central) Tj ETQq1 1 base of the Bartonian Stage (Paleogene System, Eocene Series). , 2022, , 311-346.	0.784314	rgBT /Over 0
8	Spatial patterns of microbial diversity in Fe-Mn deposits and associated sediments in the Atlantic and Pacific oceans. Science of the Total Environment, 2022, , 155792.	3.9	3
9	Astronomical tuning of the Aptian stage and its implications for age recalibrations and paleoclimatic events. Nature Communications, 2022, 13, .	5.8	16
10	Benthic megafauna habitats, community structure and environmental drivers at Rio Grande Rise (SW) Tj ETQq0 (	0 rgBT /C	Verlock 10
11	Editorial: Multi-Disciplinary Applications in Magnetic Chronostratigraphy. Frontiers in Earth Science, 2021, 8, .	0.8	0
12	Determining the style and provenance of magmatic activity during the Early Aptian Oceanic Anoxic Event (OAE 1a). Global and Planetary Change, 2021, 200, 103461.	1.6	33
13	Long-term Aptian marine osmium isotopic record of Ontong Java Nui activity. Geology, 2021, 49, 1148-1152.	2.0	10
14	Semi-Quantitative Analysis of Major Elements and Minerals: Clues from a Late Pleistocene Core from Campos Basin. Applied Sciences (Switzerland), 2021, 11, 6206.	1.3	3
15	Southern Ocean carbonate dissolution paced by Antarctic Ice-Sheet expansion in the early Miocene. Global and Planetary Change, 2021, 202, 103510.	1.6	4

16Diurnal variation effect in marine magnetometric surveys: clues from surveys in southeast Brazil.<br/>Marine Geophysical Researches, 2021, 42, 1.0.51

17	Morpho-Mineralogical and Bio-Geochemical Description of Cave Manganese Stromatolite-Like Patinas (Grotta del Cervo, Central Italy) and Hints on Their Paleohydrological-Driven Genesis. Frontiers in Earth Science, 2021, 9, .	0.8	6
18	Miocene Phosphatization of Rocks From the Summit of Rio Grande Rise, Southwest Atlantic Ocean. Paleoceanography and Paleoclimatology, 2021, 36, e2020PA004197.	1.3	10

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19	Growth of ferromanganese crusts on bioturbated soft substrate, Tropic Seamount, northeast Atlantic ocean. Deep-Sea Research Part I: Oceanographic Research Papers, 2021, 175, 103586.	0.6	6
20	Orbital tuning for the middle Eocene to early Oligocene Monte Cagnero Section (Central Italy): Paleoenvironmental and paleoclimatic implications. Palaeogeography, Palaeoclimatology, Palaeoecology, 2021, 577, 110563.	1.0	7
21	Editorial: Bridging Environmental Magnetism With Biogeophysics to Study Biogeochemical Processes of Today. Frontiers in Earth Science, 2021, 9, .	0.8	0
22	Integrated calcareous nannofossil and magnetostratigraphic record of ODP Site 709: Middle Eocene to late Oligocene paleoclimate and paleoceanography of the Equatorial Indian Ocean. Marine Micropaleontology, 2021, 169, 102051.	0.5	5
23	Bathyarchaeia occurrence in rich methane sediments from a Brazilian rÃa. Estuarine, Coastal and Shelf Science, 2021, 263, 107631.	0.9	16
24	Major and trace-element mineral chemistry and implications for the petrogenesis of Eocene alkaline volcanic rocks from the western Rio Grande Rise, South Atlantic Ocean. , 2021, , .		1
25	Impact of the Middle Eocene Climatic Optimum (MECO) on Foraminiferal and Calcareous Nannofossil Assemblages in the Neo-Tethyan Baskil Section (Eastern Turkey): Paleoenvironmental and Paleoclimatic Reconstructions. Applied Sciences (Switzerland), 2021, 11, 11339.	1.3	10
26	Determining the style and provenance of magmatic activity during the Early Aptian Oceanic Anoxic Event (OAE 1a). , 2021, , .		0
27	Regional to global correlation of Eocene–Oligocene boundary transition successions using biostratigraphic, geophysical and geochemical methods. Geological Magazine, 2020, 157, 80-100.	0.9	1
28	High-Resolution Sub-Bottom and Magnetometer Data From Southeastern Brazilian Coast. Frontiers in Marine Science, 2020, 7, .	1.2	0
29	The Birth of a Connected South Atlantic Ocean: A Magnetostratigraphic Perspective. Frontiers in Earth Science, 2020, 8, .	0.8	3
30	Misinterpreting proxy data for paleoclimate signals: A comment on Shukla et al. 2020. Holocene, 2020, 30, 1866-1873.	0.9	4
31	The Romanche fracture zone influences the segmentation of the equatorial margin of Brazil. Journal of South American Earth Sciences, 2020, 103, 102738.	0.6	13
32	Magnetostratigraphic Chronology of a Cenozoic Sequence From DSDP Site 274, Ross Sea, Antarctica. Frontiers in Earth Science, 2020, 8, .	0.8	2
33	Presence of biogenic magnetite in ferromanganese nodules. Environmental Microbiology Reports, 2020, 12, 288-295.	1.0	11
34	Characterisation of submarine depression trails driven by upslope migrating cyclic steps: Insights from the CearÃ <sub>i</sub> Basin (Brazil). Marine and Petroleum Geology, 2020, 115, 104291.	1.5	10
35	Genesis and Evolution of Ferromanganese Crusts from the Summit of Rio Grande Rise, Southwest Atlantic Ocean. Minerals (Basel, Switzerland), 2020, 10, 349.	0.8	37
36	Abyssal oceanic circulation and acidification during the Middle Eocene Climatic Optimum (MECO). Scientific Reports, 2020, 10, 6674.	1.6	11

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37	Correction to: A two million year record of low-latitude aridity linked to continental weathering from the Maldives. Progress in Earth and Planetary Science, 2019, 6, .	1.1	0
38	Magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform) reveal changes in the monsoon system. Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 533, 109283.	1.0	3
39	Integrated biostratigraphy of the middle to upper Eocene Kırkgeçit Formation (Baskil section, Elazığ,) Tj 55-90.	ETQq1 1 0 0.6	.784314 rgB 12
40	Carbon cycle instability and orbital forcing during the Middle Eocene Climatic Optimum. Scientific Reports, 2019, 9, 9357.	1.6	36
41	Dataset of characteristic remanent magnetization and magnetic properties of early Pliocene sediments from IODP Site U1467 (Maldives platform). Data in Brief, 2019, 27, 104666.	0.5	1
42	Multidisciplinary Scientific Cruise to the Rio Grande Rise. Frontiers in Marine Science, 2019, 6, .	1.2	17
43	Cyclic anoxia and organic rich carbonate sediments within a drowned carbonate platform linked to Antarctic ice volume changes: Late Oligocene-early Miocene Maldives. Earth and Planetary Science Letters, 2019, 521, 1-13.	1.8	19
44	Paleoenvironmental signature of the Selandian-Thanetian Transition Event (STTE) and Early Late Paleocene Event (ELPE) in the Contessa Road section (western Neo-Tethys). Palaeogeography, Palaeoclimatology, Palaeoecology, 2019, 523, 62-77.	1.0	12
45	Miocene Glacial Dynamics Recorded by Variations in Magnetic Properties in the ANDRILLâ€2A Drill Core. Journal of Geophysical Research: Solid Earth, 2019, 124, 2297-2312.	1.4	9
46	Revised chronostratigraphy of DSDP Site 270 and late Oligocene to early Miocene paleoecology of the Ross Sea sector of Antarctica. Global and Planetary Change, 2019, 178, 46-64.	1.6	25
47	Diagenetic Fate of Biogenic Soft and Hard Magnetite in Chemically Stratified Sedimentary Environments of MamanguÃ <sub>i</sub> RÃa, Brazil. Journal of Geophysical Research: Solid Earth, 2019, 124, 2313-2330.	1.4	27
48	Gravity and Magnetic Constraints on the Crustal Structure of the Ceará Plateau, Brazilian Equatorial Margin. Frontiers in Earth Science, 2019, 7, .	0.8	5
49	Carbon Flow for Plankton Metabolism of Saco do MamanguÃ; RÃa, Bay of Ilha Grande, a Subtropical Coastal Environment in the South Brazil Bight. Frontiers in Marine Science, 2019, 6, .	1.2	9
50	Deep-sea mining on the Rio Grande Rise (Southwestern Atlantic): A review on environmental baseline, ecosystem services and potential impacts. Deep-Sea Research Part I: Oceanographic Research Papers, 2019, 145, 31-58.	0.6	50
51	SEISMIC STRATIGRAPHY OF TRAPANDÉ BAY (SOUTHERN BRAZIL) TO STUDY SEA-LEVEL CHANGES AND DEPOSITION EVOLUTION IN THE UPPER QUATERNARY. Revista Brasileira De Geofisica, 2019, 37, .	0.2	1
52	Mineralogical evidence for warm and dry climatic conditions in the Neo-Tethys (eastern Turkey) during the middle Eocene. Palaeogeography, Palaeoclimatology, Palaeoecology, 2018, 501, 45-57.	1.0	16
53	Fingerprints of partial oxidation of biogenic magnetite from cultivated and natural marine magnetotactic bacteria using synchrotron radiation. Environmental Microbiology Reports, 2018, 10, 337-343.	1.0	14
54	Quantitative interpretation of the magnetic susceptibility frequency dependence. Geophysical Journal International, 2018, 213, 805-814.	1.0	8

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55	Carbonate delta drift: A new sediment drift type. Marine Geology, 2018, 401, 98-111.	0.9	42
56	High-resolution integrated magnetobiostratigraphy of a new middle Eocene section from the Neotethys (ElazıÄY Basin, eastern Turkey). Bulletin of the Geological Society of America, 2018, 130, 193-207.	1.6	9
57	A two million year record of low-latitude aridity linked to continental weathering from the Maldives. Progress in Earth and Planetary Science, 2018, 5, .	1.1	26
58	Integrated Geochemical and Morphological Data Provide Insights into the Genesis of Ferromanganese Nodules. Minerals (Basel, Switzerland), 2018, 8, 488.	0.8	43
59	Paleomagnetism of IODP Site U1380: Implications for the Forearc Deformation in the Costa Rican Erosive Convergent Margin. Scientific Reports, 2018, 8, 11430.	1.6	2
60	Diversions of the Ribeira River Flow and Their Influence on Sediment Supply in the Cananeia-Iguape Estuarine-Lagoonal System (SE Brazil). Frontiers in Earth Science, 2018, 6, .	0.8	6
61	Characterization of Nd Radiogenic Isotope Signatures in Sediments From the Southwestern Atlantic Margin. Frontiers in Earth Science, 2018, 6, .	0.8	9
62	Refinement of Miocene sea level and monsoon events from the sedimentary archive of the Maldives (Indian Ocean). Progress in Earth and Planetary Science, 2018, 5, .	1.1	74
63	Magnetic Anomalies at the Brazilian Equatorial Margin: from Ceará Plateau to Saint Peter and Saint Paul Archipelago. , 2018, , .		Ο
64	AN INVESTIGATIVE STUDY INTO THE DEMISE OF THE UPPER CAMBRIAN MICROBIAL REEFS (MASON COUNTY,) TJ	ETQq0 0	0 rgBT /Overl
65	The Eocene Thermal Maximum 3: Reading the environmental perturbations at Gubbio (Italy). Special Paper of the Geological Society of America, 2016, , 161-175.	0.5	4
66	Seismostratigraphy of the Ceará Plateau: Clues to Decipher the Cenozoic Evolution of Brazilian Equatorial Margin. Frontiers in Earth Science, 2016, 4, .	0.8	25
67	Cultureâ€independent characterization of novel psychrophilic magnetotactic cocci from Antarctic marine sediments. Environmental Microbiology, 2016, 18, 4426-4441.	1.8	35
68	The abrupt onset of the modern South Asian Monsoon winds. Scientific Reports, 2016, 6, 29838.	1.6	121
69	Early Eocene orthophragminids and alveolinids from the Jafnayn Formation, N Oman: significance of <i>Nemkovella stockari</i> Less & Ă–zcan, 2007 in Tethys. Geodinamica Acta, 2016, 28, 160-184.	2.2	21
70	Antarctic ice sheet sensitivity to atmospheric CO <sub>2</sub> variations in the early to mid-Miocene. Proceedings of the National Academy of Sciences of the United States of America, 2016, 113, 3453-3458.	3.3	133
71	Multistratigraphic records of the Lower Cretaceous (Valanginian–Cenomanian) Puez key area in N. Italy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 447, 65-87.	1.0	5
72	Environmental magnetic implications of magnetofossil occurrence during the Middle Eocene Climatic Optimum (MECO) in pelagic sediments from the equatorial Indian Ocean. Palaeogeography, Palaeoclimatology, Palaeoecology, 2016, 441, 212-222.	1.0	26

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73	ULTIMATE DEMISE OF LARGE UPPER CAMBRIAN MICROBIAL REEFS (MASON COUNTY, CENTRAL TEXAS). , 2016, , .		1
74	Paleomagnetic constraints on the tectonic evolution of the Costa Rican subduction zone: New results from sedimentary successions of IODP drill sites from the Cocos Ridge. Geochemistry, Geophysics, Geosystems, 2015, 16, 4479-4493.	1.0	6
75	Middle Eocene-Lower Oligocene calcareous nannofossil biostratigraphy and paleoceanographic implications from Site 711 (equatorial Indian Ocean). Marine Micropaleontology, 2015, 118, 50-62.	0.5	28
76	Mixed Carbonate–Siliciclastic Sedimentation Along the Great Barrier Reef Upper Slope: A Challenge To the Reciprocal Sedimentation Model. Journal of Sedimentary Research, 2015, 85, 1019-1036.	0.8	35
77	Shallow gas occurrence in a Brazilian rÃa (Saco do Mamanguá, Rio de Janeiro) inferred from high-resolution seismic data. Continental Shelf Research, 2015, 108, 89-96.	0.9	19
78	Enhanced primary productivity and magnetotactic bacterial production in response to middle Eocene warming in the Neo-Tethys Ocean. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 414, 32-45.	1.0	37
79	Magnetic properties of pelagic marine carbonates. Earth-Science Reviews, 2013, 127, 111-139.	4.0	84
80	Early Bartonian orthophragminids (Foraminiferida) from Reineche Limestone, north African platform, Tunisia: taxonomy and paleobiogeographic implications. Geodinamica Acta, 2013, 26, 94-121.	2.2	16
81	Middle Eocene to early Oligocene magnetostratigraphy of ODP Hole 711A (Leg 115), western equatorial Indian Ocean. Geological Society Special Publication, 2013, 373, 97-110.	0.8	7
82	Integrated magnetobiostratigraphy of the middle Eocene–lower Oligocene interval from the Monte Cagnero section, central Italy. Geological Society Special Publication, 2013, 373, 79-95.	0.8	7
83	Integrated stratigraphy (magneto-, bio- and chronostratigraphy) and geochronology of the Palaeogene pelagic succession of the Umbria–Marche Basin (central Italy). Geological Society Special Publication, 2013, 373, 111-131.	0.8	12
84	Magnetic methods and the timing of geological processes. Geological Society Special Publication, 2013, 373, 1-12.	0.8	7
85	On the palaeomagnetic and rock magnetic constraints regarding the age of IODP 325 Hole M0058A. Geological Society Special Publication, 2013, 373, 279-291.	0.8	2
86	Variação na mineralogia magnética ao longo dos eventos de anoxia oceânica do Cretáceo: Um exemplo do OAE1 na Bacia Umbria-Marche, Itália. , 2013, , .		0
87	Flux and provenance of ice-rafted debris in the earliest Pleistocene sub-polar North Atlantic Ocean comparable to the last glacial maximum. Earth and Planetary Science Letters, 2012, 341-344, 222-233.	1.8	49
88	Giant magnetofossils and hyperthermal events. Earth and Planetary Science Letters, 2012, 351-352, 258-269.	1.8	54
89	Prismatic magnetite magnetosomes from cultivated <i><scp>M</scp>agnetovibrio blakemorei</i> strain <scp>MV</scp> â€1: a magnetic fingerprint in marine sediments?. Environmental Microbiology Reports, 2012, 4, 664-668.	1.0	30
90	An integrated stratigraphic record of the Palaeocene–lower Eocene at Gubbio (Italy): new insights into the early Palaeogene hyperthermals and carbon isotope excursions. Terra Nova, 2012, 24, 380-386.	0.9	59

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91	Rock magnetism of hematitic "bombs―from the Araguainha impact structure, Brazil. Geochemistry, Geophysics, Geosystems, 2011, 12, n/a-n/a.	1.0	8
92	Magnetotactic bacterial abundance in pelagic marine environments is limited by organic carbon flux and availability of dissolved iron. Earth and Planetary Science Letters, 2011, 310, 441-452.	1.8	150
93	The Dan-C2 hyperthermal event at Gubbio (Italy): Global implications, environmental effects, and cause(s). Earth and Planetary Science Letters, 2010, 297, 298-305.	1.8	82
94	Astronomical calibration of the middle Eocene Contessa Highway section (Gubbio, Italy). Earth and Planetary Science Letters, 2010, 298, 77-88.	1.8	49
95	The late Eocene greenhouse-icehouse transition: Observations from the Massignano global stratotype section and point (GSSP). , 2009, , .		19
96	Geomagnetic field behavior at high latitudes from a paleomagnetic record from Eltanin core 27–21 in the Ross Sea sector, Antarctica. Earth and Planetary Science Letters, 2008, 267, 435-443.	1.8	14
97	The middle Eocene climatic optimum event in the Contessa Highway section, Umbrian Apennines, Italy. Bulletin of the Geological Society of America, 2007, 119, 413-427.	1.6	96
98	Micromagnetic coercivity distributions and interactions in chondrules with implications for paleointensities of the early solar system. Journal of Geophysical Research, 2007, 112, .	3.3	43
99	Eoceneâ€Oligocene paleoceanographic changes in the stratotype section, Massignano, Italy: Clues from rock magnetism and stable isotopes. Journal of Geophysical Research, 2007, 112, .	3.3	34
100	Astronomic calibration of the late Eocene/early Oligocene Massignano section (central Italy). Geochemistry, Geophysics, Geosystems, 2006, 7, n/a-n/a.	1.0	47
101	A new view of Italian seismicity using 20 years of instrumental recordings. Tectonophysics, 2005, 395, 251-268.	0.9	405
102	Environmental magnetic record of paleoclimate change from the Eocene-Oligocene stratotype section, Massignano, Italy. Geophysical Research Letters, 2004, 31, .	1.5	20
103	MHC class II alleles associated with clinical and immunological manifestations of HIVâ€1 infection among children in Catalonia, Spain. Tissue Antigens, 1996, 47, 313-318.	1.0	13
104	High-resolution multiproxy cyclostratigraphic analysis of environmental and climatic events across the Cretaceous-Paleogene boundary in the classic pelagic succession of Gubbio (Italy). Special Paper of the Geological Society of America, 0, , 115-137.	0.5	9
105	Integrated magnetostratigraphy, biostratigraphy, and chronostratigraphy of the Paleogene pelagic succession at Gubbio (central Italy). Special Paper of the Geological Society of America, 0, , 139-160.	0.5	6
106	Magnetic Properties of Oligocene-Eocene Cores from SHALDRIL II, Antarctica. Special Publications, 0, , 115-130.	0.0	1
107	The Barremian-Aptian boundary in the Poggio le Guaine core (central Italy): Evidence for magnetic polarity Chron M0r and oceanic anoxic event 1a. Special Paper of the Geological Society of America, 0, , 57-78.	0.5	6
108	Expedition 359 summary. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	20

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109	Expedition 359 methods. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	8
110	Expedition 344 summary. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	22
111	Input Site U1414. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	15
112	Frontal prism Site U1412. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	2
113	Mid-slope Site U1380. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	4
114	Upper slope Site U1413. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	6
115	Data Report: magnetic properties of sediments and basalts from the Costa Rica subduction margin (Expeditions 334 and 344). Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	4
116	Análise preliminar dos dados magnéticos do Saco de Mamanguá e da Enseada de Paraty-Mirim, Rio de Janeiro. , 0, , .		1
117	IODP Expedition 325: Great Barrier Reefs Reveals Past Sea-Level, Climate and Environmental Changes Since the Last Ice Age. Scientific Drilling, 0, 12, 32-45.	1.0	28
118	Umbria-Marche Basin, Central Italy: A Reference Section for the Aptian-Albian Interval at Low Latitudes. Scientific Drilling, 0, 13, 42-46.	1.0	23
119	Input Site U1381. Proceedings of the Integrated Ocean Drilling Program Integrated Ocean Drilling Program, 0, , .	1.0	12
120	Magnetoestratigrafia aplicada à datação de eventos climáticos durante o Eoceno e Oligoceno. , 0, , .		0
121	Site U1470. Proceedings of the International Ocean Discovery Program, 0, , .	0.0	0