

# I Nick Mccave

## List of Publications by Year in descending order

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173  
papers

12,932  
citations

23567

58  
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25787

108  
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183  
docs citations

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times ranked

8075  
citing authors

#	ARTICLE	IF	CITATIONS
1	Threshold of sediment motion under unidirectional currents. <i>Sedimentology</i> , 1977, 24, 507-527.	3.1	867
2	Holocene periodicity in North Atlantic climate and deep-ocean flow south of Iceland. <i>Nature</i> , 1999, 397, 515-517.	27.8	703
3	Evolution of Ocean Temperature and Ice Volume Through the Mid-Pleistocene Climate Transition. <i>Science</i> , 2012, 337, 704-709.	12.6	630
4	Size spectra and aggregation of suspended particles in the deep ocean. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1984, 31, 329-352.	1.5	591
5	Sortable silt and fine sediment size/composition slicing: Parameters for palaeocurrent speed and palaeoceanography. <i>Paleoceanography</i> , 1995, 10, 593-610.	3.0	526
6	Atlantic Meridional Overturning Circulation During the Last Glacial Maximum. <i>Science</i> , 2007, 316, 66-69.	12.6	322
7	Sedimentation under deep-sea storms. <i>Nature</i> , 1984, 309, 220-225.	27.8	308
8	Holocene oscillations in temperature and salinity of the surface subpolar North Atlantic. <i>Nature</i> , 2009, 457, 711-714.	27.8	293
9	Size sorting in marine muds: Processes, pitfalls, and prospects for paleoflow-speed proxies. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	254
10	Sand waves in the North Sea off the coast of Holland. <i>Marine Geology</i> , 1971, 10, 199-225.	2.1	242
11	Local and global aspects of the bottom nepheloid layers in the world ocean. <i>Journal of Sea Research</i> , 1986, 20, 167-181.	1.0	221
12	Nepheloid layers on the continental slope west of Porcupine Bank. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1986, 33, 791-818.	1.5	204
13	Iceberg production, debris rafting, and the extent and thickness of Heinrich layers (H-1, H-2) in North Atlantic sediments. <i>Geology</i> , 1995, 23, 301.	4.4	204
14	Intensified deep Pacific inflow and ventilation in Pleistocene glacial times. <i>Nature</i> , 2001, 412, 809-812.	27.8	198
15	Evaluation of a laser-diffraction-size analyzer for use with natural sediments. <i>Journal of Sedimentary Research</i> , 1986, 56, 561-564.	1.6	172
16	Circulation in the glacial North Atlantic inferred from grain-size measurements. <i>Nature</i> , 1995, 374, 149-152.	27.8	169
17	Vertical flux of particles in the ocean. <i>Deep Sea Research and Oceanographic Abstracts</i> , 1975, 22, 491-502.	0.3	163
18	The Deglacial Evolution of North Atlantic Deep Convection. <i>Science</i> , 2011, 331, 202-205.	12.6	143

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19	Neogene overflow of Northern Component Water at the Greenland-Scotland Ridge. <i>Geochemistry, Geophysics, Geosystems</i> , 2006, 7, n/a-n/a.	2.5	140
20	Evidence for late Oligocene establishment of the Antarctic Circumpolar Current. <i>Earth and Planetary Science Letters</i> , 2005, 235, 715-728.	4.4	136
21	Analysis and modelling of gravity- and piston coring based on soil mechanics. <i>Marine Geology</i> , 2003, 199, 181-204.	2.1	134
22	Particulate size spectra, behavior, and origin of nepheloid layers over the Nova Scotian Continental Rise. <i>Journal of Geophysical Research</i> , 1983, 88, 7647-7666.	3.3	133
23	A comparison of in situ techniques for estuarine floc settling velocity measurements. <i>Journal of Sea Research</i> , 1996, 36, 15-29.	1.6	132
24	A physical model for the rate of deposition of fine-grained sediments in the deep sea. <i>Bulletin of the Geological Society of America</i> , 1976, 87, 541.	3.3	126
25	The origin of Heinrich layers: evidence from H2 for European precursor events. <i>Earth and Planetary Science Letters</i> , 2000, 182, 187-195.	4.4	126
26	Deposition of ungraded muds from high-density non-turbulent turbidity currents. <i>Nature</i> , 1988, 333, 250-252.	27.8	121
27	Erosion, transport and deposition of fine-grained marine sediments. <i>Geological Society Special Publication</i> , 1984, 15, 35-69.	1.3	114
28	Distribution, composition and flux of particulate material over the European margin at 47°N. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 3107-3139.	1.4	111
29	Deep current-controlled sedimentation in the western North Atlantic. , 0, , 451-468.		110
30	Recent sedimentation beneath the Deep Western Boundary Current off northern New Zealand. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 1997, 44, 1203-1237.	1.4	109
31	Glacial-interglacial changes in bottom-water oxygen content on the Portuguese margin. <i>Nature Geoscience</i> , 2015, 8, 40-43.	12.9	103
32	Relation of sortable silt grain-size to deep-sea current speeds: Calibration of the "Mud Current Meter". <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2017, 127, 1-12.	1.4	102
33	Deposition of fine-grained suspended sediment from tidal currents. <i>Journal of Geophysical Research</i> , 1970, 75, 4151-4159.	3.3	101
34	Evidence for Heinrich layers off Portugal (Tore Seamount: 39°N, 12°W). <i>Marine Geology</i> , 1996, 131, 47-56.	2.1	99
35	Seasonal shifts of sediment within an estuary mediated by algal growth. <i>Estuarine and Coastal Marine Science</i> , 1979, 9, 569-576.	0.9	98
36	Development of sediment drifts approaching an active plate margin under the SW Pacific Deep Western Boundary Current. <i>Paleoceanography</i> , 1994, 9, 1061-1085.	3.0	97

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37	Radiocarbon constraints on the glacial ocean circulation and its impact on atmospheric CO <sub>2</sub> . <i>Nature Communications</i> , 2017, 8, 16010.	12.8	97
38	Principles and methods of geological particle size analysis. , 1991, , 3-21.		96
39	Glacialâ€“interglacial changes in water mass structure and flow in the SW Pacific Ocean. <i>Quaternary Science Reviews</i> , 2008, 27, 1886-1908.	3.0	95
40	Laser diffraction size analysis. , 1991, , 119-128.		94
41	Grain-size trends and transport along beaches: Example from eastern England. <i>Marine Geology</i> , 1978, 28, M43-M51.	2.1	89
42	Glacial to interglacial mineral magnetic and palaeoceanographic changes at Chatham Rise, SW Pacific Ocean. <i>Earth and Planetary Science Letters</i> , 1998, 163, 247-260.	4.4	88
43	Measurement of the sortable silt current speed proxy using the Sedigraph 5100 and Coulter Multisizer II: precision and accuracy. <i>Sedimentology</i> , 1999, 46, 1001-1014.	3.1	88
44	Dynamics of North Atlantic Deep Water masses during the Holocene. <i>Paleoceanography</i> , 2011, 26, .	3.0	88
45	Hydrography and sedimentation under the deep western boundary current on Bj�rn and Gardar Drifts, Iceland Basin. <i>Marine Geology</i> , 2000, 165, 137-169.	2.1	86
46	Reduced ventilation and enhanced magnitude of the deep Pacific carbon pool during the last glacial period. <i>Earth and Planetary Science Letters</i> , 2015, 411, 45-52.	4.4	86
47	Glacial to interglacial changes in non-carbonate and carbonate accumulation in the SW Pacific Ocean, New Zealand. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2000, 162, 333-356.	2.3	84
48	Chronology for climate change: Developing age models for the biogeochemical ocean flux study cores. <i>Paleoceanography</i> , 1995, 10, 513-525.	3.0	79
49	Evolution of the sedimentary system beneath the deep Pacific inflow off eastern New Zealand. <i>Marine Geology</i> , 2004, 205, 9-27.	2.1	79
50	Intermediate and deep water paleoceanography of the northern North Atlantic over the past 21,000 years. <i>Paleoceanography</i> , 2010, 25, .	3.0	77
51	Sand waves and sediment transport around the end of a tidal sand bank. <i>Sedimentology</i> , 1982, 29, 95-110.	3.1	74
52	Long-term variations in Icelandâ€“Scotland overflow strength during the Holocene. <i>Climate of the Past</i> , 2013, 9, 2073-2084.	3.4	73
53	Palaeocurrent reconstruction, sediment and thorium focussing on the Iberian margin over the last 140 ka. <i>Earth and Planetary Science Letters</i> , 2000, 178, 151-164.	4.4	72
54	Laser vs. settling velocity differences in silt grain size measurements: estimation of palaeocurrent vigour. <i>Sedimentology</i> , 2006, 53, 919-928.	3.1	71

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55	Storm sediment transport: observations from the British North Sea shelf. <i>Continental Shelf Research</i> , 1995, 15, 889-912.	1.8	69
56	Freshwater input and abrupt deglacial climate change in the North Atlantic. <i>Paleoceanography</i> , 2010, 25, .	3.0	69
57	Fine sediment sources and sinks around the East Anglian Coast (UK). <i>Journal of the Geological Society</i> , 1987, 144, 149-152.	2.1	66
58	Regional sediment recycling in the abyssal Southwest Pacific Ocean. <i>Geology</i> , 1996, 24, 735.	4.4	66
59	Recent sediments, sediment accumulation and carbon burial at Goban Spur, N.W. European Continental Margin (47°N). <i>Progress in Oceanography</i> , 1998, 42, 5-35.	3.2	65
60	A boundary exchange influence on deglacial neodymium isotope records from the deep western Indian Ocean. <i>Earth and Planetary Science Letters</i> , 2012, 341-344, 35-47.	4.4	63
61	Chapter 4 Circulation and Water Masses of the Southern Ocean: A Review. <i>Developments in Earth and Environmental Sciences</i> , 2008, 8, 85-114.	0.1	61
62	Chapter 8 Size Sorting During Transport and Deposition of Fine Sediments. <i>Developments in Sedimentology</i> , 2008, 60, 121-142.	0.5	60
63	Climatic and oceanographic changes in the Northeast Atlantic reflected by magnetic properties of sediments deposited on the Portuguese Margin during the last 340 ka. <i>Earth and Planetary Science Letters</i> , 2002, 202, 465-480.	4.4	59
64	Turbidity of waters over the Northwest Iberian continental margin. <i>Progress in Oceanography</i> , 2002, 52, 299-313.	3.2	59
65	Surface and deep-water hydrography on Gardar Drift (Iceland Basin) during the last interglacial period. <i>Earth and Planetary Science Letters</i> , 2009, 288, 10-19.	4.4	59
66	Late Glacial and Holocene palaeocurrents around Rockall Bank, NE Atlantic Ocean. <i>Paleoceanography</i> , 1995, 10, 611-626.	3.0	58
67	Distinguishing current effects in sediments delivered to the ocean by ice. I. Principles, methods and examples. <i>Quaternary Science Reviews</i> , 2019, 212, 92-107.	3.0	56
68	Antarctic control on tropical Indian Ocean sea surface temperature and hydrography. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	55
69	Circum-Antarctic age modelling of Quaternary marine cores under the Antarctic Circumpolar Current: Ice-core dust-magnetic correlation. <i>Earth and Planetary Science Letters</i> , 2009, 284, 113-123.	4.4	54
70	Minimal change in Antarctic Circumpolar Current flow speed between the last glacial and Holocene. <i>Nature Geoscience</i> , 2014, 7, 113-116.	12.9	54
71	A computer-interfaced sedigraph for modal size analysis of fine-grained sediment. <i>Sedimentology</i> , 1988, 35, 163-172.	3.1	53
72	Phase relationships between fine sediment suspensions and tidal currents in coastal seas. <i>Journal of Geophysical Research</i> , 2002, 107, 10-1.	3.3	53

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73	Deep western boundary current dynamics and associated sedimentation on the Eirik Drift, Southern Greenland Margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2007, 54, 2036-2066.	1.4	51
74	Radiocarbon Age Offsets in Different-Sized Carbonate Components of Deep-Sea Sediments. <i>Radiocarbon</i> , 1995, 37, 91-101.	1.8	50
75	Coupled deep-water flow and climate variability in the middle Pleistocene North Atlantic. <i>Geology</i> , 2011, 39, 343-346.	4.4	48
76	Sedimentology and stratigraphy of box cores from the HEBBLE site on the Nova Scotian continental rise. <i>Marine Geology</i> , 1985, 66, 59-89.	2.1	46
77	Magnetic record of deglaciation using FORC-PCA, sortable-silt grain size, and magnetic excursion at 26 ka, from the Rockall Trough (NE Atlantic). <i>Geochemistry, Geophysics, Geosystems</i> , 2016, 17, 1823-1841.	2.5	46
78	Biological Pumping Upwards of the Coarse Fraction of Deep-Sea Sediments. <i>Journal of Sedimentary Research</i> , 1988, Vol. 58, .	1.6	45
79	Tephra in deglacial ocean sediments south of Iceland: Stratigraphy, geochemistry and oceanic reservoir ages. <i>Journal of Quaternary Science</i> , 2011, 26, 190-198.	2.1	45
80	Particulate matter distribution and disequilibrium along the Northern Iberian Margin: implications for particulate organic carbon export. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2000, 47, 557-582.	1.4	43
81	Seabed drag coefficient under tidal currents in the eastern Irish Sea. <i>Journal of Geophysical Research</i> , 1995, 100, 16057.	3.3	41
82	Reconstructing North Atlantic deglacial surface hydrography and its link to the Atlantic overturning circulation. <i>Global and Planetary Change</i> , 2011, 79, 163-175.	3.5	40
83	Calibration and application of B/Ca, Cd/Ca, and $\delta^{11}\text{B}$ in <i>Neogloboquadrina pachyderma</i> (sinistral) to constrain $\text{CO}_2$ uptake in the subpolar North Atlantic during the last deglaciation. <i>Paleoceanography</i> , 2013, 28, 237-252.	3.0	40
84	Analysis of a longitudinal ripple from the Nova Scotian continental rise. <i>Marine Geology</i> , 1984, 58, 275-286.	2.1	39
85	Properties of suspended sediment over the HEBBLE area on the Nova Scotian Rise. <i>Marine Geology</i> , 1985, 66, 169-188.	2.1	39
86	Depositional fluxes, palaeoproductivity, and ice rafting in the NE Atlantic over the past 30 ka. <i>Paleoceanography</i> , 1995, 10, 579-592.	3.0	39
87	Internal structure of a contourite drift generated by the Antarctic Circumpolar Current. <i>Geochemistry, Geophysics, Geosystems</i> , 2008, 9, .	2.5	38
88	Chemical cyclicity and correlation of Lower Lias mudstones using gamma ray logs, Yorkshire, UK. <i>Journal of the Geological Society</i> , 1992, 149, 991-1002.	2.1	37
89	Current controlled sediment deposition from the shelf to the deep ocean: the cenozoic evolution of circulation through the SW pacific gateway. <i>Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie</i> , 1996, 85, 438-451.	1.3	37
90	Benthic dynamics and carbon fluxes on the NW European continental margin. <i>Deep-Sea Research Part II: Topical Studies in Oceanography</i> , 2001, 48, 3191-3221.	1.4	37

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91	Use of the Model T Coulter Counter* in size analysis of fine to coarse sand. <i>Sedimentology</i> , 1973, 20, 305-315.	3.1	35
92	Tidal currents at the North Hinder lightship, southern North Sea: Flow directions and turbulence in relation to maintenance of sand banks. <i>Marine Geology</i> , 1979, 31, 101-114.	2.1	35
93	Coherent deep flow variation in the Iceland and American basins during the last interglacial. <i>Earth and Planetary Science Letters</i> , 1998, 164, 15-21.	4.4	35
94	Deep flow in the Madagascar-Mascarene Basin over the last 150000 years. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2005, 363, 81-99.	3.4	35
95	Neodymium isotopic evidence for linked changes in Southeast Atlantic and Southwest Pacific circulation over the last 200 kyr. <i>Earth and Planetary Science Letters</i> , 2016, 455, 106-114.	4.4	35
96	Sedimentation on the Feni Drift and late Glacial bottom water production in the northern Rockall Trough. <i>Sedimentary Geology</i> , 1993, 82, 79-87.	2.1	34
97	Changes in North Atlantic Deep Water strength and bottom water masses during Marine Isotope Stage 3 (45-35kaBP). <i>Quaternary Science Reviews</i> , 2010, 29, 2451-2461.	3.0	33
98	Bioturbation in an Active Deep-Sea Area: Implications for Models of Trace Fossil Tiering. <i>Palaios</i> , 1999, 14, 375.	1.3	32
99	In-situ measurements of particle settling velocity in the deep sea. <i>Marine Geology</i> , 1991, 99, 403-411.	2.1	31
100	Textural and dispersal patterns of thick mud turbidites from the Madeira Abyssal plain. <i>Marine Geology</i> , 1992, 107, 149-173.	2.1	31
101	Ocean Margin Exchange (OMEX I) benthic processes study. <i>Progress in Oceanography</i> , 1998, 42, 1-4.	3.2	30
102	Preface to Astronomical (Milankovitch) calibration of the geological time-scale. A Discussion Meeting held at the Royal Society on 9 and 10 December 1998. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 1999, 357, 1733-1734.	3.4	30
103	Deglacial changes in flow and frontal structure through the Drake Passage. <i>Earth and Planetary Science Letters</i> , 2017, 474, 397-408.	4.4	30
104	Erosion and deposition on the eastern margin of the Bermuda Rise in the late Quaternary. <i>Deep-sea Research Part A, Oceanographic Research Papers</i> , 1982, 29, 535-561.	1.5	29
105	Contributions of HEBBLE to understanding marine sedimentation. <i>Marine Geology</i> , 1985, 66, 397-409.	2.1	29
106	Distinguishing climatic and current effects in mid-Pleistocene sediments of Hatton and Gardar Drifts, NE Atlantic. <i>Journal of the Geological Society</i> , 1990, 147, 373-383.	2.1	29
107	Neodymium isotopic composition of intermediate and deep waters in the glacial southwest Pacific. <i>Earth and Planetary Science Letters</i> , 2013, 384, 27-36.	4.4	29
108	Aggregation processes in the benthic boundary layer at the Celtic Sea continental margin. <i>Deep-Sea Research Part I: Oceanographic Research Papers</i> , 2000, 47, 1389-1404.	1.4	28

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109	Megaripples, ridges and runnels on intertidal flats of the Wash, England. <i>Sedimentology</i> , 1979, 26, 353-369.	3.1	26
110	Glacial-interglacial variation in organic carbon burial on the slope of the N.W. European Continental Margin (48°â€“50°N). <i>Progress in Oceanography</i> , 1998, 42, 37-60.	3.2	26
111	PALEOCLIMATE: A Poisoned Chalice?. <i>Science</i> , 2002, 298, 1186-1187.	12.6	24
112	Abrupt wind regime changes in the North Atlantic Ocean during the past 30,000-60,000 years. <i>Paleoceanography</i> , 2006, 21, .	3.0	24
113	Antarctic link to deep flow speed variation during Marine Isotope Stage 3 in the western North Atlantic. <i>Earth and Planetary Science Letters</i> , 2007, 257, 463-473.	4.4	24
114	Formation of sediment waves by turbidity currents and geostrophic flows: A discussion. <i>Marine Geology</i> , 2017, 390, 89-93.	2.1	24
115	Sediment Transport Over the Hatton and Gardar Contourite Drifts. <i>Journal of Sedimentary Research</i> , 1980, Vol. 50, .	1.6	23
116	Resuspension processes and seston dynamics, southern North Sea. , 1994, , 97-113.		23
117	Architecture of <sc>N</sc>orth <sc>A</sc>tantic contourite drifts modified by transient circulation of the <sc>I</sc>celandic mantle plume. <i>Geochemistry, Geophysics, Geosystems</i> , 2015, 16, 3414-3435.	2.5	22
118	More efficient North Atlantic carbon pump during the Last Glacial Maximum. <i>Nature Communications</i> , 2019, 10, 2170.	12.8	22
119	Constant bottom water flow into the Indian Ocean for the past 140 ka indicated by sediment <sup>231</sup>Pa/<sup>230</sup>Th ratios. <i>Paleoceanography</i> , 2007, 22, .	3.0	20
120	Seafloor zonation in sediment texture on the Nova Scotian lower continental rise. <i>Marine Geology</i> , 1985, 66, 25-41.	2.1	19
121	ROST and BEAST: Devices for in-situ measurement of particle settling velocity. <i>Marine Geology</i> , 1985, 66, 381-395.	2.1	19
122	Benthic processes and dynamics at the NW Iberian margin: an introduction. <i>Progress in Oceanography</i> , 2002, 52, 123-128.	3.2	19
123	Distinguishing current effects in sediments delivered to the ocean by ice. II. Glacial to Holocene changes in high latitude North Atlantic upper ocean flows. <i>Quaternary Science Reviews</i> , 2019, 223, 105902.	3.0	19
124	Transport mechanism and paleoclimatic significance of terrigenous silt deposited in varved sediments of an African rift lake. <i>Limnology and Oceanography</i> , 2008, 53, 1622-1632.	3.1	18
125	Radiocarbon and <sup>230</sup> Th data reveal rapid redistribution and temporal changes in sediment focussing at a North Atlantic drift. <i>Earth and Planetary Science Letters</i> , 2011, 301, 373-381.	4.4	18
126	Leg 181 Synthesis: Fronts, Flows, Drifts, Volcanoes, and the Evolution of the Southwestern Gateway to the Pacific Ocean, Eastern New Zealand. , 0, , .		18



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127	Cyclic sedimentation patterns in Lower Lias mudstones of Yorkshire (GB). <i>Terra Nova</i> , 1989, 1, 461-467.	2.1	16
128	Surface and deep ocean coupling in the subpolar North Atlantic during the last 230 years. <i>Paleoceanography</i> , 2010, 25, .	3.0	16
129	Holocene climate variability in the Labrador Sea. <i>Journal of the Geological Society</i> , 2015, 172, 272-277.	2.1	16
130	A redesigned kasten core barrel and sampling technique. <i>Marine Geology</i> , 1990, 94, 165-171.	2.1	14
131	New insights from multi-proxy data from the West Antarctic continental rise: Implications for dating and interpreting Late Quaternary palaeoenvironmental records. <i>Quaternary Science Reviews</i> , 2021, 257, 106842.	3.0	14
132	Recent shelf clastic sediments. <i>Geological Society Special Publication</i> , 1985, 18, 49-65.	1.3	13
133	Late Glacial to Recent accumulation fluxes of sediments at the shelf edge and slope of NW Europe, 48°N. <i>Geological Society Special Publication</i> , 1998, 129, 339-350.	1.3	13
134	Eastern New Zealand Drifts, Miocene-Recent. <i>Geological Society Memoir</i> , 2002, 22, 385-407.	1.7	13
135	Deposition of Fine-grained Sediment from Tidal Currents. <i>Nature</i> , 1969, 224, 1288-1289.	27.8	12
136	Nepheloid Layers. , 2009, , 8-18.		12
137	Advection and scavenging controls of Pa/Th in the northern NE Atlantic. <i>Paleoceanography</i> , 2014, 29, 668-679.	3.0	12
138	Sedimentation under deep-sea current systems: Pre-HEBBLE ideas. <i>Marine Geology</i> , 1985, 66, 13-24.	2.1	10
139	Suspended material over the central Oregon continental shelf in May 1974; I, Concentrations of organic and inorganic components. <i>Journal of Sedimentary Research</i> , 1979, 49, 1181-1194.	1.6	10
140	Mud layers and deposition from tidal currents; discussion of a paper by G. de V. Klein, "Tidal origin of a Precambrian quartzite; the Lower Fine-grained quartzite (middle Dalradian) of Islay, Scotland". <i>Journal of Sedimentary Research</i> , 1971, 41, 1147-1148.	1.6	9
141	Sedimentology: Hummocky sand deposits generated by storms at sea. <i>Nature</i> , 1985, 313, 533-533.	27.8	8
142	Chapter One Deep-Sea Sediment Deposits and Properties Controlled by Currents. <i>Developments in Marine Geology</i> , 2007, 1, 19-62.	0.4	8
143	Particle Size Measurement of Diatoms with Inference of Their Properties: Comparison of Three Techniques. <i>Journal of Sedimentary Research</i> , 2011, 81, 600-610.	1.6	7
144	Lower Circumpolar Deep Water Flow Through the SW Pacific Gateway for the Last 190 Ky: Evidence from Antarctic Diatoms. <i>Geophysical Monograph Series</i> , 0, , 101-116.	0.1	7

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145	Sedimentary Settings on Continental Margins – an Overview. , 2002, , 1-14.		7
146	Cenozoic oceanographic evolution of the SW Pacific gateway: introduction. Marine Geology, 2004, 205, 1-7.	2.1	6
147	Depositional Features of Organic-Carbon-Rich Black and Green Mudstones at DSDP Sites 386 and 387, Western North Atlantic. , 0, , .		6
148	A robust in situ settling velocity box for coastal seas. Journal of Sea Research, 1996, 36, 101-107.	1.6	5
149	Contourites of the Nova Scotian continental rise and the HEBBLE area. Geological Society Memoir, 2002, 22, 21-38.	1.7	5
150	Gulf Stream – subtropical gyre properties across two Dansgaard – Oeschger cycles. Quaternary Science Reviews, 2013, 81, 105-113.	3.0	5
151	Shallow and Marginal Marine Sediments Associated with the Catskill Complex in the Middle Devonian of New York. Special Paper of the Geological Society of America, 1968, , 75-108.	0.5	5
152	Mud Turbidites from the Oligocene and Miocene Indus Fan at Sites 722 and 731 on the Owen Ridge. , 0, , .		5
153	Eolian Components in Cretaceous and Tertiary North Atlantic Sediments. Journal of Sedimentary Research, 1983, Vol. 53, .	1.6	5
154	Millennial and centennial CO <sub>2</sub> release from the Southern Ocean during the last deglaciation. Nature Geoscience, 2022, 15, 293-299.	12.9	5
155	SEDIMENTARY PROCESSES   Deposition from Suspension. , 2005, , 8-17.		4
156	Sand and mud flux estimates using acoustic and optical backscatter sensors: measurements seaward of the Wash, southern North Sea. Geological Society Special Publication, 2007, 274, 25-35.	1.3	4
157	Stirrings in the abyss. Nature, 1988, 331, 484-484.	27.8	3
158	Modern, Preindustrial, and Past (Last 25 Åka) Carbon Isotopic (δ <sup>13</sup> C) Variability in the Surface Waters of the Southwest Pacific. Paleoceanography and Paleoclimatology, 2019, 34, 692-714.	2.9	3
159	Nepheloid Layers. , 2019, , 170-183.		3
160	Coupled evolution of stable carbon isotopes between the Southern Ocean and the atmosphere over the last 260 ka. Earth and Planetary Science Letters, 2020, 538, 116215.	4.4	3
161	Ocean surface and bottom water conditions, iceberg drift and sediment transport on the North Iceland margin during MIS 3 and MIS 2. Quaternary Science Reviews, 2021, 252, 106722.	3.0	3
162	Current controlled sediment deposition from the shelf to the deep ocean: the Cenozoic evolution of circulation through the SW Pacific gateway. Geologische Rundschau: Zeitschrift Fur Allgemeine Geologie, 1996, 85, 438-451.	1.3	3

#	ARTICLE	IF	CITATIONS
163	Integrated Age Models for the Early Oligocene–Early Miocene, Sites 1168 and 1170-1172. , 0, , .		3
164	Correlation of Marine and Nonmarine Strata with Example from Devonian of New York State. AAPG Bulletin, 1969, 53, .	1.5	1
165	A ~240-ka record of Ice Sheet and Ocean interactions on the Snorri Drift, SW of Iceland. Global and Planetary Change, 2021, 201, 103498.	3.5	1
166	The Oligocene–Miocene boundary – cause and consequence from a Southern Ocean perspective. , 0, , 389-407.		1
167	Chapter 13 Coastal Oceans. Elsevier Oceanography Series, 1975, , 237-241.	0.1	0
168	Epilogue: recommendations of the Workshop Session. Proceedings of the Royal Society of Edinburgh Section B Biological Sciences, 1986, 88, 291-298.	0.2	0
169	Symposium review of the sediment dynamics of Canadian continental shelves. Continental Shelf Research, 1991, 11, 1303-1304.	1.8	0
170	Nepheloid Layers. , 2001, , 1861-1870.		0
171	Charles Davis Hollister, 1936-1999 A personal scientific appreciation of the father of 'contourites'. Geological Society Memoir, 2002, 22, 1-5.	1.7	0
172	Sedimentary Processes: Sediment Deposition From Suspension – , 2018, , .		0
173	Diagnosis of Turbidites at Sites 386 and 387 by Particle-Counter Size Analysis of the Silt (2–40 $\mu$ m) Fraction. , 0, , .		0