

# Richard D Norris

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

70  
papers

5,349  
citations

32  
h-index

72  
g-index

72  
ext. papers

6,172  
ext. citations

10.3  
avg, IF

5.57  
L-index

#	Paper	IF	Citations
70	The Chicxulub asteroid impact and mass extinction at the Cretaceous-Paleogene boundary. <i>Science</i> , <b>2010</b> , 327, 1214-8	33.3	844
69	Deep-sea paleotemperature record of extreme warmth during the Cretaceous. <i>Geology</i> , <b>2002</b> , 30, 123	5	496
68	Formation of the Isthmus of Panama. <i>Science Advances</i> , <b>2016</b> , 2, e1600883	14.3	356
67	Evolution of middle to Late Cretaceous oceans: A 55 m.y. record of Earth's temperature and carbon cycle. <i>Geology</i> , <b>2012</b> , 40, 107-110	5	338
66	Warm tropical ocean surface and global anoxia during the mid-Cretaceous period. <i>Nature</i> , <b>2001</b> , 412, 425-9	50.4	309
65	Testing the Cretaceous greenhouse hypothesis using glassy foraminiferal calcite from the core of the Turonian tropics on Demerara Rise. <i>Geology</i> , <b>2002</b> , 30, 607	5	222
64	Isotopic evidence for glaciation during the Cretaceous supergreenhouse. <i>Science</i> , <b>2008</b> , 319, 189-92	33.3	201
63	A multiple proxy and model study of Cretaceous upper ocean temperatures and atmospheric CO <sub>2</sub> concentrations. <i>Paleoceanography</i> , <b>2006</b> , 21, n/a-n/a		195
62	Local stressors reduce coral resilience to bleaching. <i>PLoS ONE</i> , <b>2009</b> , 4, e6324	3.7	194
61	Eocene global warming events driven by ventilation of oceanic dissolved organic carbon. <i>Nature</i> , <b>2011</b> , 471, 349-52	50.4	191
60	Very large release of mostly volcanic carbon during the Palaeocene-Eocene Thermal Maximum. <i>Nature</i> , <b>2017</b> , 548, 573-577	50.4	186
59	Jiggling the tropical thermostat in the Cretaceous hothouse. <i>Geology</i> , <b>2002</b> , 30, 299	5	155
58	Symbiosis as an evolutionary innovation in the radiation of Paleocene planktic foraminifera. <i>Paleobiology</i> , <b>1996</b> , 22, 461-480	2.6	139
57	Pelagic species diversity, biogeography, and evolution. <i>Paleobiology</i> , <b>2000</b> , 26, 236-258	2.6	132
56	On impact and volcanism across the Cretaceous-Paleogene boundary. <i>Science</i> , <b>2020</b> , 367, 266-272	33.3	95
55	Possible atmospheric CO <sub>2</sub> extremes of the Middle Cretaceous (late Albian-Turonian). <i>Paleoceanography</i> , <b>2002</b> , 17, 22-1-22-17		92
54	Century-scale records of coral growth rates indicate that local stressors reduce coral thermal tolerance threshold. <i>Global Change Biology</i> , <b>2010</b> , 16, 1247-1257	11.4	87

53	Morphological recognition of cryptic species in the planktonic foraminifer <i>Orbulina universa</i> . <i>Marine Micropaleontology</i> , <b>2009</b> , 71, 148-165	1.7	87
52	A high-resolution marine 187Os/188Os record for the late Maastrichtian: Distinguishing the chemical fingerprints of Deccan volcanism and the KP impact event. <i>Earth and Planetary Science Letters</i> , <b>2009</b> , 281, 159-168	5.3	84
51	Extreme polar warmth during the Cretaceous greenhouse? Paradox of the late Turonian $\delta^{18}O$ record at Deep Sea Drilling Project Site 511. <i>Paleoceanography</i> , <b>2003</b> , 18, n/a-n/a		78
50	Testing the Cenozoic multisite composite $\delta^{18}O$ and $\delta^{13}C$ curves: New monospecific Eocene records from a single locality, Demerara Rise (Ocean Drilling Program Leg 207). <i>Paleoceanography</i> , <b>2006</b> , 21, n/a-n/a		76
49	Persistence of carbon release events through the peak of early Eocene global warmth. <i>Nature Geoscience</i> , <b>2014</b> , 7, 748-751	18.3	73
48	A role for chance in marine recovery from the end-Cretaceous extinction. <i>Nature Geoscience</i> , <b>2011</b> , 4, 856-860	18.3	54
47	What is gradualism? Cryptic speciation in globorotaliid foraminifera. <i>Paleobiology</i> , <b>1996</b> , 22, 386-405	2.6	52
46	An abyssal carbonate compensation depth overshoot in the aftermath of the Palaeocene-Eocene Thermal Maximum. <i>Nature Geoscience</i> , <b>2016</b> , 9, 575-580	18.3	50
45	Diverse patterns of ocean export productivity change across the Cretaceous-Paleogene boundary: New insights from biogenic barium. <i>Paleoceanography</i> , <b>2011</b> , 26, n/a-n/a		47
44	Size-related stable isotope changes in Late Cretaceous planktic foraminifera: Implications for paleoecology and photosymbiosis. <i>Marine Micropaleontology</i> , <b>2007</b> , 65, 32-42	1.7	46
43	Role of photosymbiosis and biogeography in the diversification of early Paleogene acariniids (planktonic foraminifera). <i>Paleobiology</i> , <b>2001</b> , 27, 311-326	2.6	46
42	Prehistorical and historical declines in Caribbean coral reef accretion rates driven by loss of parrotfish. <i>Nature Communications</i> , <b>2017</b> , 8, 14160	17.4	45
41	New Age of Fishes initiated by the Cretaceous-Paleogene mass extinction. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2015</b> , 112, 8537-42	11.5	45
40	The temporal dimension of marine speciation. <i>Evolutionary Ecology</i> , <b>2012</b> , 26, 393-415	1.8	44
39	Evidence for abrupt speciation in a classic case of gradual evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 21224-9	11.5	36
38	Evolutionary trends in coiling of tropical Paleogene planktic foraminifera. <i>Paleobiology</i> , <b>2001</b> , 27, 327-347	2.6	27
37	Resilience of Pacific pelagic fish across the Cretaceous/Palaeogene mass extinction. <i>Nature Geoscience</i> , <b>2014</b> , 7, 667-670	18.3	26
36	Seasonality and depth distribution of a mesopelagic foraminifer, <i>Hastigerinella digitata</i> , in Monterey Bay, California. <i>Limnology and Oceanography</i> , <b>2011</b> , 56, 562-576	4.8	17

35	Cyclic changes in Turonian to Coniacian planktic foraminiferal assemblages from the tropical Atlantic Ocean. <i>Marine Micropaleontology</i> , <b>2008</b> , 68, 299-313	1.7	17
34	Eighty-five million years of Pacific Ocean gyre ecosystem structure: long-term stability marked by punctuated change. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2016</b> , 283,	4.4	17
33	Sliding rocks on Racetrack Playa, Death Valley National Park: first observation of rocks in motion. <i>PLoS ONE</i> , <b>2014</b> , 9, e105948	3.7	16
32	Integrating satellite observations and modern climate measurements with the recent sedimentary record: An example from Southeast Alaska. <i>Journal of Geophysical Research: Oceans</i> , <b>2013</b> , 118, 3444-3461	3.3	15
31	Classification of remote Pacific coral reefs by physical oceanographic environment. <i>Journal of Geophysical Research</i> , <b>2012</b> , 117, n/a-n/a		15
30	Millennial-scale change in the structure of a Caribbean reef ecosystem and the role of human and natural disturbance. <i>Ecography</i> , <b>2020</b> , 43, 283-293	6.5	14
29	Response--Cretaceous Extinctions. <i>Science</i> , <b>2010</b> , 328, 975-976	33.3	13
28	A 3000 year record of Caribbean reef urchin communities reveals causes and consequences of long-term decline in <i>Diadema antillarum</i> . <i>Ecography</i> , <b>2018</b> , 41, 164-173	6.5	11
27	Two pulses of morphological diversification in Pacific pelagic fishes following the Cretaceous-Palaeogene mass extinction. <i>Proceedings of the Royal Society B: Biological Sciences</i> , <b>2018</b> , 285,	4.4	11
26	The last 1 million years of the extinct genus <i>Discoaster</i> : Pliocene environment and productivity at Site U1476 (Mozambique Channel). <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , <b>2018</b> , 505, 187-197	2.9	7
25	A Neolithic mega-tsunami event in the eastern Mediterranean: Prehistoric settlement vulnerability along the Carmel coast, Israel. <i>PLoS ONE</i> , <b>2020</b> , 15, e0243619	3.7	7
24	Dermal denticle assemblages in coral reef sediments correlate with conventional shark surveys. <i>Methods in Ecology and Evolution</i> , <b>2020</b> , 11, 362-375	7.7	7
23	Shallow-marine ostracode turnover during the Eocene-Oligocene transition in Mississippi, the Gulf Coast Plain, USA. <i>Marine Micropaleontology</i> , <b>2014</b> , 106, 10-21	1.7	5
22	Stable isotope and ecological habitat of planktonic foraminifera adjacent to the ice edge in the western Weddell Sea. <i>Geosciences Journal</i> , <b>1998</b> , 2, 88-98	1.4	5
21	Photosymbiosis in planktonic foraminifera across the Paleocene-Eocene thermal maximum. <i>Paleobiology</i> , 1-16	2.6	4
20	Hydrographic and Tectonic Control of Plankton Distribution and Evolution <b>1999</b> , 173-193		4
19	No state change in pelagic fish production and biodiversity during the Eocene-Oligocene transition. <i>Nature Geoscience</i> , <b>2020</b> , 13, 238-242	18.3	3
18	Changing environments and human interaction during the Pleistocene-Early Holocene from the shallow coastal area of Dor, Israel. <i>Quaternary Research</i> , 1-18	1.9	3

- 17 59.2 Ma and 56.5 Ma: Two significant moments in the evolution of acarininids (planktonic foraminifera). *Gff*, **2000**, 122, 131-132 0.9 2
- 16 Upwelling in the late middle Eocene at Blake Nose?. *Gff*, **2000**, 122, 174-175 0.9 2
- 15 Quantitative visual analysis of marine barite microcrystals: Insights into precipitation and dissolution dynamics. *Limnology and Oceanography*, **2021**, 66, 3619 4.8 2
- 14 Changes in tropical Atlantic surface-water environments inferred from late Albian planktic foraminiferal assemblages (ODP Site 1258, Demerara Rise). *Cretaceous Research*, **2018**, 87, 74-83 1.8 1
- 13 Distinct population histories among three unique species of oceanic skaters Halobates Eschscholtz, 1822 (Hemiptera: Heteroptera: Gerridae) in the Eastern Pacific Ocean. *Marine Biology*, **2021**, 168, 1 2.5 1
- 12 Whump, Slosh, Slosh, Slosh—Billing the Crater That Did in the Dinosaurs. *AGU Advances*, **2020**, 1, e2020AV000306 0.9 2
- 11 An Increase in Complexity of Pelagic Fish Community Structure Following the Cretaceous-Paleogene Mass Extinction. *The Paleontological Society Special Publications*, **2014**, 13, 139-139
- 10 Fish Like Anoxia: Ichthyolith Production Repeatedly Increases During Mediterranean Sapropel Events. *The Paleontological Society Special Publications*, **2014**, 13, 138-138
- 9 Fishy Increase of Ichthyoliths Throughout the Oligocene Suggests Marine Cooling Facilitated Bony Fish Population Expansion. *The Paleontological Society Special Publications*, **2014**, 13, 138-139
- 8 Otherworldly Earths: The Future of Deep Time Research. *Eos*, **2011**, 92, 55-55 1.5
- 7 Isotope Paleobiology and Paleoecology: So Why Should Paleontologists Care About Geochemistry?. *The Paleontological Society Papers*, **1998**, 4, 1-6
- 6 Diversification of Paleocene Planktic Foraminifera after the Cretaceous-Paleocene Extinction. *The Paleontological Society Special Publications*, **1996**, 8, 292-292
- 5 Bleaching of Photosymbionts in Planktic Foraminifera During the Middle Eocene Climatic Optimum. *The Paleontological Society Special Publications*, **2014**, 13, 141-141
- 4 A Neolithic mega-tsunami event in the eastern Mediterranean: Prehistoric settlement vulnerability along the Carmel coast, Israel **2020**, 15, e0243619
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