

Richard D Norris

List of Publications by Year in Descending Order

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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	Quantitative visual analysis of marine barite microcrystals: Insights into precipitation and dissolution dynamics. <i>Limnology and Oceanography</i> , 2021 , 66, 3619	4.8	2
69	Distinct population histories among three unique species of oceanic skaters Halobates Eschscholtz, 1822 (Hemiptera: Heteroptera: Gerridae) in the Eastern Pacific Ocean. <i>Marine Biology</i> , 2021 , 168, 1	2.5	1
68	No state change in pelagic fish production and biodiversity during the Eocene-Oligocene transition. <i>Nature Geoscience</i> , 2020 , 13, 238-242	18.3	3
67	On impact and volcanism across the Cretaceous-Paleogene boundary. <i>Science</i> , 2020 , 367, 266-272	33.3	95
66	A Neolithic mega-tsunami event in the eastern Mediterranean: Prehistoric settlement vulnerability along the Carmel coast, Israel. <i>PLoS ONE</i> , 2020 , 15, e0243619	3.7	7
65	Dermal denticle assemblages in coral reef sediments correlate with conventional shark surveys. <i>Methods in Ecology and Evolution</i> , 2020 , 11, 362-375	7.7	7
64	Millennial-scale change in the structure of a Caribbean reef ecosystem and the role of human and natural disturbance. <i>Ecography</i> , 2020 , 43, 283-293	6.5	14
63	Whump, Slosh, Slosh, Slosh Filling the Crater That Did in the Dinosaurs. <i>AGU Advances</i> , 2020 , 1, e2020AV000306	0.4	0
62	A Neolithic mega-tsunami event in the eastern Mediterranean: Prehistoric settlement vulnerability along the Carmel coast, Israel 2020 , 15, e0243619		
61	A Neolithic mega-tsunami event in the eastern Mediterranean: Prehistoric settlement vulnerability along the Carmel coast, Israel 2020 , 15, e0243619		
60	A Neolithic mega-tsunami event in the eastern Mediterranean: Prehistoric settlement vulnerability along the Carmel coast, Israel 2020 , 15, e0243619		
59	A Neolithic mega-tsunami event in the eastern Mediterranean: Prehistoric settlement vulnerability along the Carmel coast, Israel 2020 , 15, e0243619		
58	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> , 2018 , 41, 164-173	6.5	11
57	Changes in tropical Atlantic surface-water environments inferred from late Albian planktic foraminiferal assemblages (ODP Site 1258, Demerara Rise). <i>Cretaceous Research</i> , 2018 , 87, 74-83	1.8	1
56	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> , 2018 , 505, 187-197	2.9	7
55	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> , 2018 , 285,	4.4	11
54	Prehistorical and historical declines in Caribbean coral reef accretion rates driven by loss of parrotfish. <i>Nature Communications</i> , 2017 , 8, 14160	17.4	45

53	Very large release of mostly volcanic carbon during the Palaeocene-Eocene Thermal Maximum. <i>Nature</i> , 2017 , 548, 573-577	50.4	186
52	An abyssal carbonate compensation depth overshoot in the aftermath of the Palaeocene-Eocene Thermal Maximum. <i>Nature Geoscience</i> , 2016 , 9, 575-580	18.3	50
51	Formation of the Isthmus of Panama. <i>Science Advances</i> , 2016 , 2, e1600883	14.3	356
50	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> , 2016 , 283,	4.4	17
49	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> , 2015 , 112, 8537-42	11.5	45
48	Resilience of Pacific pelagic fish across the Cretaceous/Palaeogene mass extinction. <i>Nature Geoscience</i> , 2014 , 7, 667-670	18.3	26
47	Persistence of carbon release events through the peak of early Eocene global warmth. <i>Nature Geoscience</i> , 2014 , 7, 748-751	18.3	73
46	Shallow-marine ostracode turnover during the Eocene-Oligocene transition in Mississippi, the Gulf Coast Plain, USA. <i>Marine Micropaleontology</i> , 2014 , 106, 10-21	1.7	5
45	An Increase in Complexity of Pelagic Fish Community Structure Following the Cretaceous-Paleogene Mass Extinction. <i>The Paleontological Society Special Publications</i> , 2014 , 13, 139-139		
44	Fish Like Anoxia: Ichthyolith Production Repeatedly Increases During Mediterranean Sapropel Events. <i>The Paleontological Society Special Publications</i> , 2014 , 13, 138-138		
43	Fishy Increase of Ichthyoliths Throughout the Oligocene Suggests Marine Cooling Facilitated Bony Fish Population Expansion. <i>The Paleontological Society Special Publications</i> , 2014 , 13, 138-139		
42	Sliding rocks on Racetrack Playa, Death Valley National Park: first observation of rocks in motion. <i>PLoS ONE</i> , 2014 , 9, e105948	3.7	16
41	Bleaching of Photosymbionts in Planktic Foraminifera During the Middle Eocene Climatic Optimum. <i>The Paleontological Society Special Publications</i> , 2014 , 13, 141-141		
40	Integrating satellite observations and modern climate measurements with the recent sedimentary record: An example from Southeast Alaska. <i>Journal of Geophysical Research: Oceans</i> , 2013 , 118, 3444-3461	2.3	15
39	The temporal dimension of marine speciation. <i>Evolutionary Ecology</i> , 2012 , 26, 393-415	1.8	44
38	Evolution of middle to Late Cretaceous oceans: A 55 m.y. record of Earth's temperature and carbon cycle. <i>Geology</i> , 2012 , 40, 107-110	5	338
37	Classification of remote Pacific coral reefs by physical oceanographic environment. <i>Journal of Geophysical Research</i> , 2012 , 117, n/a-n/a		15
36	Diverse patterns of ocean export productivity change across the Cretaceous-Paleogene boundary: New insights from biogenic barium. <i>Paleoceanography</i> , 2011 , 26, n/a-n/a		47

35	A role for chance in marine recovery from the end-Cretaceous extinction. <i>Nature Geoscience</i> , 2011 , 4, 856-860	18.3	54
34	Otherworldly Earths: The Future of Deep Time Research. <i>Eos</i> , 2011 , 92, 55-55	1.5	
33	Seasonality and depth distribution of a mesopelagic foraminifer, <i>Hastigerinella digitata</i> , in Monterey Bay, California. <i>Limnology and Oceanography</i> , 2011 , 56, 562-576	4.8	17
32	Eocene global warming events driven by ventilation of oceanic dissolved organic carbon. <i>Nature</i> , 2011 , 471, 349-52	50.4	191
31	Century-scale records of coral growth rates indicate that local stressors reduce coral thermal tolerance threshold. <i>Global Change Biology</i> , 2010 , 16, 1247-1257	11.4	87
30	Response--Cretaceous Extinctions. <i>Science</i> , 2010 , 328, 975-976	33.3	13
29	The Chicxulub asteroid impact and mass extinction at the Cretaceous-Paleogene boundary. <i>Science</i> , 2010 , 327, 1214-8	33.3	844
28	Local stressors reduce coral resilience to bleaching. <i>PLoS ONE</i> , 2009 , 4, e6324	3.7	194
27	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> , 2009 , 106, 21224-9	11.5	36
26	Morphological recognition of cryptic species in the planktonic foraminifer <i>Orbulina universa</i> . <i>Marine Micropaleontology</i> , 2009 , 71, 148-165	1.7	87
25	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> , 2009 , 281, 159-168	5.3	84
24	Cyclic changes in Turonian to Coniacian planktic foraminiferal assemblages from the tropical Atlantic Ocean. <i>Marine Micropaleontology</i> , 2008 , 68, 299-313	1.7	17
23	Isotopic evidence for glaciation during the Cretaceous supergreenhouse. <i>Science</i> , 2008 , 319, 189-92	33.3	201
22	Size-related stable isotope changes in Late Cretaceous planktic foraminifera: Implications for paleoecology and photosymbiosis. <i>Marine Micropaleontology</i> , 2007 , 65, 32-42	1.7	46
21	A multiple proxy and model study of Cretaceous upper ocean temperatures and atmospheric CO ₂ concentrations. <i>Paleoceanography</i> , 2006 , 21, n/a-n/a		195
20	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> , 2006 , 21, n/a-n/a		76
19	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> , 2003 , 18, n/a-n/a		78
18	Jiggling the tropical thermostat in the Cretaceous hothouse. <i>Geology</i> , 2002 , 30, 299	5	155

17	Testing the Cretaceous greenhouse hypothesis using glassy foraminiferal calcite from the core of the Turonian tropics on Demerara Rise. <i>Geology</i> , 2002 , 30, 607	5	222
16	Possible atmospheric CO ₂ extremes of the Middle Cretaceous (late Albian-Turonian). <i>Paleoceanography</i> , 2002 , 17, 22-1-22-17		92
15	Deep-sea paleotemperature record of extreme warmth during the Cretaceous. <i>Geology</i> , 2002 , 30, 123	5	496
14	Warm tropical ocean surface and global anoxia during the mid-Cretaceous period. <i>Nature</i> , 2001 , 412, 425-9	50.4	309
13	Evolutionary trends in coiling of tropical Paleogene planktic foraminifera. <i>Paleobiology</i> , 2001 , 27, 327-347	7.6	27
12	Role of photosymbiosis and biogeography in the diversification of early Paleogene acarininids (planktonic foraminifera). <i>Paleobiology</i> , 2001 , 27, 311-326	2.6	46
11	59.2 Ma and 56.5 Ma: Two significant moments in the evolution of acarininids (planktonic foraminifera). <i>Gff</i> , 2000 , 122, 131-132	0.9	2
10	Pelagic species diversity, biogeography, and evolution. <i>Paleobiology</i> , 2000 , 26, 236-258	2.6	132
9	Upwelling in the late middle Eocene at Blake Nose?. <i>Gff</i> , 2000 , 122, 174-175	0.9	2
8	Hydrographic and Tectonic Control of Plankton Distribution and Evolution 1999 , 173-193		4
7	Stable isotope and ecological habitat of planktonic foraminifera adjacent to the ice edge in the western Weddell Sea. <i>Geosciences Journal</i> , 1998 , 2, 88-98	1.4	5
6	Isotope Paleobiology and Paleoecology: So Why Should Paleontologists Care About Geochemistry?. <i>The Paleontological Society Papers</i> , 1998 , 4, 1-6		
5	Diversification of Paleocene Planktic Foraminifera after the Cretaceous-Paleocene Extinction. <i>The Paleontological Society Special Publications</i> , 1996 , 8, 292-292		
4	Symbiosis as an evolutionary innovation in the radiation of Paleocene planktic foraminifera. <i>Paleobiology</i> , 1996 , 22, 461-480	2.6	139
3	What is gradualism? Cryptic speciation in globorotaliid foraminifera. <i>Paleobiology</i> , 1996 , 22, 386-405	2.6	52
2	Photosymbiosis in planktonic foraminifera across the Paleocene-Eocene thermal maximum. <i>Paleobiology</i> , 1-16	2.6	4
1	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