

# Christopher W Smart

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/636114/publications.pdf>

Version: 2024-02-01

61  
papers

1,385  
citations

361045

20  
h-index

360668

35  
g-index

61  
all docs

61  
docs citations

61  
times ranked

1542  
citing authors

#	ARTICLE	IF	CITATIONS
1	A benthic foraminiferal proxy of pulsed organic matter paleofluxes. <i>Marine Micropaleontology</i> , 1994, 23, 89-99.	0.5	153
2	Sea ice variations in the central Canadian Arctic Archipelago during the Holocene. <i>Quaternary Science Reviews</i> , 2009, 28, 1354-1366.	1.4	138
3	Modern seawater acidification: the response of foraminifera to high-CO <sub>2</sub> conditions in the Mediterranean Sea. <i>Journal of the Geological Society</i> , 2010, 167, 843-846.	0.9	96
4	Recent benthic foraminifera in the abyssal Northeast Atlantic Ocean; relation to phytodetrital inputs. <i>Journal of Foraminiferal Research</i> , 1997, 27, 85-92.	0.1	65
5	The search for the origin of the planktic Foraminifera. <i>Journal of the Geological Society</i> , 2003, 160, 341-343.	0.9	61
6	Late Pleistocene tephrochronology of marine sediments adjacent to Montserrat, Lesser Antilles volcanic arc. <i>Journal of the Geological Society</i> , 2008, 165, 279-289.	0.9	60
7	Surviving mass extinction by bridging the benthic/planktic divide. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2009, 106, 12629-12633.	3.3	57
8	Middle-late Miocene benthic foraminifera in a western equatorial Indian Ocean depth transect: Paleooceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2007, 247, 402-420.	1.0	52
9	Abyssal NE Atlantic benthic foraminifera during the last 15 kyr: Relation to variations in seasonality of productivity. <i>Marine Micropaleontology</i> , 2008, 69, 193-211.	0.5	39
10	Benthic foraminifera show some resilience to ocean acidification in the northern Gulf of California, Mexico. <i>Marine Pollution Bulletin</i> , 2013, 73, 452-462.	2.3	39
11	Explosive volcanism as a cause for mass mortality of pteropods. <i>Marine Geology</i> , 2011, 282, 231-239.	0.9	32
12	Seaweed fails to prevent ocean acidification impact on foraminifera along a shallow water CO <sub>2</sub> gradient. <i>Ecology and Evolution</i> , 2015, 5, 1784-1793.	0.8	32
13	Evidence for carbonate platform failure during rapid sea-level rise; ca 14,000 year old bioclastic flow deposits in the Lesser Antilles. <i>Sedimentology</i> , 2010, 57, 735-759.	1.6	30
14	Pteropods from the Caribbean Sea: variations in calcification as an indicator of past ocean carbonate saturation. <i>Biogeosciences</i> , 2012, 9, 309-315.	1.3	30
15	A Model of early to middle Miocene Deep Ocean circulation for the Atlantic and Indian Oceans. <i>Geological Society Special Publication</i> , 1998, 131, 55-70.	0.8	28
16	Jurassic shift from abiotic to biotic control on marine ecological success. <i>Nature Geoscience</i> , 2019, 12, 638-642.	5.4	27
17	The enigma of early Miocene biserial planktic foraminifera. <i>Geology</i> , 2006, 34, 1041.	2.0	26
18	Timing, origin and emplacement dynamics of mass flows offshore of SE Montserrat in the last 110 ka: Implications for landslide and tsunami hazards, eruption history, and volcanic island evolution. <i>Geochemistry, Geophysics, Geosystems</i> , 2013, 14, 385-406.	1.0	26

#	ARTICLE	IF	CITATIONS
19	A review of the ecology, palaeontology and distribution of atlantid heteropods (Caenogastropoda: Tj ETQq1 1 0.784314 rgBJ_/Overlock	0.4	25
20	Late Pleistocene stratigraphy of IODP Site U1396 and compiled chronology offshore of south and south west Montserrat, Lesser Antilles. <i>Geochemistry, Geophysics, Geosystems</i> , 2014, 15, 3000-3020.	1.0	23
21	Biogeography and genetic diversity of the atlantid heteropods. <i>Progress in Oceanography</i> , 2018, 160, 1-25.	1.5	21
22	In-life pteropod shell dissolution as an indicator of past ocean carbonate saturation. <i>Quaternary Science Reviews</i> , 2013, 81, 29-34.	1.4	20
23	Late Quaternary upwelling off tropical NW Africa: new micropalaeontological evidence from ODP Hole 658C. <i>Journal of Quaternary Science</i> , 2006, 21, 259-269.	1.1	18
24	Vertical distribution and diurnal migration of atlantid heteropods. <i>Marine Ecology - Progress Series</i> , 2018, 587, 1-15.	0.9	18
25	An early Miocene Atlantic-wide foraminiferal/palaeoceanographic event. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 1994, 108, 139-148.	1.0	16
26	Benthic foraminiferal evidence for the existence of an early Miocene oxygen-depleted oceanic water mass?. <i>Journal of the Geological Society</i> , 1995, 152, 735-738.	0.9	16
27	Palaeobiogeography of early planktonic foraminifera. <i>Bulletin - Societe Geologique De France</i> , 2009, 180, 27-38.	0.9	15
28	Benthic foraminiferal abundance and stable isotope changes in the Indian Ocean sector of the Southern Ocean during the last 20 kyr: Paleoceanographic implications. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2010, 297, 537-548.	1.0	14
29	A reassessment of <i>Globigerina bathoniana</i> Pazdrowa, 1969 and the palaeoceanographic significance of Jurassic planktic foraminifera from southern Poland. <i>Journal of Micropalaeontology</i> , 2012, 31, 97-109.	1.3	14
30	The Cretaceous/Paleogene boundary: Foraminifera, sea grasses, sea level change and sequence stratigraphy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2016, 441, 420-429.	1.0	14
31	BENTHIC FORAMINIFERAL TRENDS IN RELATION TO AN ORGANIC ENRICHMENT GRADIENT ON THE CONTINENTAL SLOPE (850 M WATER DEPTH) OFF NORTH CAROLINA (USA). <i>Journal of Foraminiferal Research</i> , 2006, 36, 34-43.	0.1	13
32	Late Pleistocene pteropods, heteropods and planktonic foraminifera from the Caribbean Sea, Mediterranean Sea and Indian Ocean. <i>Micropaleontology</i> , 2014, 60, 557-558.	0.3	13
33	A comparison between smaller (<math>\leq 63 \mu\text{m}</math>) and larger (<math>\geq 150 \mu\text{m}</math>) planktonic foraminiferal faunas from the Pleistocene of ODP Site 1073 (Leg 174A), New Jersey margin, NW Atlantic Ocean. <i>Journal of Micropalaeontology</i> , 2002, 21, 137-147.	1.3	12
34	Holocene palaeoceanographic changes in Barrow Strait, Canadian Arctic: foraminiferal evidence. <i>Journal of Quaternary Science</i> , 2010, 25, 903-910.	1.1	12
35	EXCEPTIONAL ACCUMULATIONS OF STATOLITHS IN ASSOCIATION WITH THE CHRISTIAN MALFORD LAGERSTÄLLE (CALLOVIAN, JURASSIC) IN WILTSHIRE, UNITED KINGDOM. <i>Palaios</i> , 2016, 31, 203-220.	0.6	12
36	Statoliths from the Jurassic succession of south-west England, United Kingdom. <i>Swiss Journal of Palaeontology</i> , 2015, 134, 199-205.	0.7	11

#	ARTICLE	IF	CITATIONS
37	Staloliths: neglected microfossils. <i>Journal of Micropalaeontology</i> , 2013, 32, 219-220.	1.3	9
38	Distribution of smaller benthic foraminifera in the Chagos Archipelago, Indian Ocean. <i>Journal of Micropalaeontology</i> , 1994, 13, 47-53.	1.3	8
39	Relative sea-level variability during the late Middle Pleistocene: New evidence from eastern England. <i>Quaternary Science Reviews</i> , 2017, 173, 20-39.	1.4	8
40	TIMING RECOVERY AFTER THE CRETACEOUS/PALEOGENE BOUNDARY: EVIDENCE FROM THE BRAZOS RIVER, TEXAS, USA. <i>Journal of Foraminiferal Research</i> , 2017, 47, 229-238.	0.1	8
41	Holocene variations in North Atlantic export productivity as reflected in bathyal benthic foraminifera. <i>Marine Micropaleontology</i> , 2019, 149, 1-18.	0.5	8
42	Pleistocene climatic history reflected in planktonic foraminifera from ODP Site 1073 (Leg 174A), New Jersey margin, NW Atlantic Ocean. <i>Marine Micropaleontology</i> , 2004, 51, 213-238.	0.5	7
43	Evidence for the validity of <i>Protatlanta sculpta</i> (Gastropoda: Pterotracheoidea). <i>Contributions To Zoology</i> , 2016, 85, 423-435.	0.2	6
44	The Miocene–Pliocene boundary and the Messinian Salinity Crisis in the easternmost Mediterranean: Insights from the Hatay Graben (Southern Turkey). <i>Sedimentary Geology</i> , 2016, 332, 51-67.	1.0	6
45	Global bioevents and the Cretaceous/Paleogene boundary in Texas and Alabama: Stratigraphy, correlation and ocean acidification. <i>Global and Planetary Change</i> , 2019, 175, 129-143.	1.6	5
46	Arm hooks of coleoid cephalopods from the Jurassic succession of the Wessex Basin, Southern England. <i>Proceedings of the Geologists Association</i> , 2019, 130, 326-338.	0.6	5
47	A preliminary investigation into calcareous dinoflagellate cysts and problematic microfossils from an expanded Cretaceous/Paleogene boundary section at Kulstirenden, Stevns Klint, Denmark. <i>Cretaceous Research</i> , 2011, 32, 606-617.	0.6	4
48	Estuarine foraminifera from South West England: impact of metal pollution in a mining heritage area. <i>Journal of Sedimentary Environments</i> , 2020, 5, 1-16.	0.7	4
49	Pteropod faunas as indicators of Late Pleistocene climate change in the Caribbean Sea. , 0, , 17-28.		4
50	Reconstructing the Christian Malford ecosystem in the Oxford Clay Formation (Callovian, Jurassic) of Wiltshire: exceptional preservation, taphonomy, burial and compaction. <i>Journal of Micropalaeontology</i> , 2019, 38, 133-142.	1.3	4
51	Tephrochronology of marine sediments around the Island of Montserrat, Lesser Antilles volcanic arc. <i>The Sedimentary Record</i> , 2008, 6, 4-8.	0.4	4
52	Foraminifera of the Gault Clay Formation: An update. <i>Proceedings of the Geologists Association</i> , 2020, 131, 386-396.	0.6	3
53	The Distribution of Benthic Foraminifera Across the Cretaceous–Paleogene Boundary in Texas (Brazos) Tj ETQq1 1 0.784314 rgBT /Ov	1.0	3
54	NE Atlantic surface water mass changes over the last 15 kyr. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2009, 282, 58-66.	1.0	2

#	ARTICLE	IF	CITATIONS
55	Middle Eocene diatoms from Whitecliff Bay, Isle of Wight, England: stratigraphy and preservation. <i>Proceedings of the Geologists Association</i> , 2011, 122, 472-483.	0.6	2
56	The biostratigraphy of the offshore Niger delta during the Late Quaternary: Complexities and progress of dating techniques. <i>Quaternary Science Advances</i> , 2020, 1, 100003.	1.1	2
57	New observations on <i>Seabrookia rugosa</i> Watanabe, 1989 (Foraminifera). <i>Journal of Foraminiferal Research</i> , 1996, 26, 24-26.	0.1	2
58	The foraminiferal biostratigraphy and paleoenvironmental interpretation of the Gault Clay Formation (Middle and Upper Albian) at Munday's Hill Quarry, Bedfordshire, UK. <i>Micropaleontology</i> , 2019, 65, 485-511.	0.3	2
59	Holocene bipolar climate seesaw: possible subtle evidence from the deep North East Atlantic Ocean?. <i>Journal of Quaternary Science</i> , 2010, 25, 237-242.	1.1	1
60	The 2007 recipient of the Brady Medal: Professor John W. Murray. <i>Journal of Micropalaeontology</i> , 2008, 27, 95-96.	1.3	0
61	Reply to Comment: Holocene palaeoceanographic changes in Barrow Strait, Canadian Arctic: foraminiferal evidence. T. R. Gregory, C. W. Smart, M. B. Hart, G. Masson, L. L. Vare and S. T. Belt (2010). <i>Journal of Quaternary Science</i> 25: 903-910. <i>Journal of Quaternary Science</i> , 2010, 25, 1192-1192.	1.1	0