

# Paul Dunlop

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2156797/publications.pdf>

Version: 2024-02-01

38  
papers

1,287  
citations

331670

21  
h-index

395702

33  
g-index

38  
all docs

38  
docs citations

38  
times ranked

1123  
citing authors

#	ARTICLE	IF	CITATIONS
1	The morphological characteristics of ribbed moraine. <i>Quaternary Science Reviews</i> , 2006, 25, 1668-1691.	3.0	149
2	Tsunami threat in the Indian Ocean from a future megathrust earthquake west of Sumatra. <i>Earth and Planetary Science Letters</i> , 2008, 265, 61-81.	4.4	109
3	Do subglacial bedforms comprise a size and shape continuum?. <i>Geomorphology</i> , 2016, 257, 108-119.	2.6	85
4	Marine geophysical evidence for ice sheet extension and recession on the Malin Shelf: New evidence for the western limits of the British Irish Ice Sheet. <i>Marine Geology</i> , 2010, 276, 86-99.	2.1	76
5	Marine geophysical evidence for Late Pleistocene ice sheet extent and recession off northwest Ireland. <i>Quaternary Science Reviews</i> , 2012, 44, 147-159.	3.0	76
6	Radiocarbon constraints on readvances of the British-Irish Ice Sheet in the northern Irish Sea Basin during the last deglaciation. <i>Quaternary Science Reviews</i> , 2007, 26, 1204-1211.	3.0	70
7	Bed Ribbing Instability Explanation: Testing a numerical model of ribbed moraine formation arising from coupled flow of ice and subglacial sediment. <i>Journal of Geophysical Research</i> , 2008, 113, .	3.3	67
8	Improving the identification of hydrologically sensitive areas using LiDAR DEMs for the delineation and mitigation of critical source areas of diffuse pollution. <i>Science of the Total Environment</i> , 2016, 556, 276-290.	8.0	61
9	Defining optimal DEM resolutions and point densities for modelling hydrologically sensitive areas in agricultural catchments dominated by microtopography. <i>International Journal of Applied Earth Observation and Geoinformation</i> , 2017, 54, 38-52.	2.8	59
10	The planar shape of drumlins. <i>Sedimentary Geology</i> , 2010, 232, 119-129.	2.1	54
11	Maximum extent and dynamic behaviour of the last British-Irish Ice Sheet west of Ireland. <i>Quaternary Science Reviews</i> , 2015, 128, 48-68.	3.0	50
12	Glacial and glacially-related features on the continental margin of northwest Ireland mapped from marine geophysical data. <i>Journal of Maps</i> , 2010, 6, 14-29.	2.0	47
13	A sub-field scale critical source area index for legacy phosphorus management using high resolution data. <i>Agriculture, Ecosystems and Environment</i> , 2016, 233, 238-252.	5.3	40
14	Early deglaciation of the British-Irish Ice Sheet on the Atlantic shelf northwest of Ireland driven by glacioisostatic depression and high relative sea level. <i>Quaternary Science Reviews</i> , 2019, 208, 76-96.	3.0	40
15	The topography of drumlins; assessing their long profile shape. <i>Earth Surface Processes and Landforms</i> , 2011, 36, 790-804.	2.5	39
16	Sedimentology and chronology of the advance and retreat of the last British-Irish Ice Sheet on the continental shelf west of Ireland. <i>Quaternary Science Reviews</i> , 2016, 140, 101-124.	3.0	30
17	A revised model for the last deglaciation of eastern Scotland. <i>Journal of the Geological Society</i> , 2007, 164, 313-316.	2.1	27
18	Deep-water geomorphology of the glaciated Irish margin from high-resolution marine geophysical data. <i>Marine Geology</i> , 2012, 291-294, 113-131.	2.1	26

#	ARTICLE	IF	CITATIONS
19	Principal component analysis of the geochemistry of soil developed on till in Northern Ireland. <i>Journal of Maps</i> , 2013, 9, 373-389.	2.0	25
20	Persistent millennial-scale glacier fluctuations in Ireland between 24 ka and 10 ka. <i>Geology</i> , 2018, 46, 151-154.	4.4	25
21	Geomorphology of the Irish Rockall Trough, North Atlantic Ocean, mapped from multibeam bathymetric and backscatter Data. <i>Journal of Maps</i> , 2011, 7, 60-81.	2.0	23
22	Near-field propagation of tsunamis from megathrust earthquakes. <i>Geophysical Research Letters</i> , 2007, 34, .	4.0	21
23	Distribution of Ribbed Moraine in the Lac Naococane Region, Central Quebec, Canada. <i>Journal of Maps</i> , 2006, 2, 59-70.	2.0	11
24	Bedforms on the northwest Irish Shelf: indication of modern active sediment transport and overprinting of paleo-glacial sedimentary deposits. <i>Journal of Maps</i> , 2015, 11, 561-574.	2.0	11
25	Discussion on a revised model for the last deglaciation of eastern Scotland <i>Journal of the Geological Society</i> , Vol. 164, 2007, 313-316. <i>Journal of the Geological Society</i> , 2007, 164, 1261-1263.	2.1	10
26	Mapping Ireland's Glaciated Continental Margin Using Marine Geophysical Data. <i>Developments in Earth Surface Processes</i> , 2011, 15, 339-357.	2.8	9
27	Exploring controls of the early and stepped deglaciation on the western margin of the British Irish Ice Sheet. <i>Journal of Quaternary Science</i> , 2021, 36, 833-870.	2.1	9
28	Age evaluation and causation of rock-slope failures along the western margin of the Antrim Lava Group (ALG), Northern Ireland, based on cosmogenic isotope ( <sup>36</sup> Cl) surface exposure dating. <i>Geomorphology</i> , 2017, 285, 235-246.	2.6	8
29	Age determination of glacially-transported boulders in Ireland and Scotland using Schmidt-hammer exposure-age dating (SHD) and terrestrial cosmogenic nuclide (TCN) exposure-age dating. <i>Quaternary Research</i> , 2019, 92, 570-582.	1.7	6
30	Final deglaciation of the Malin Sea through meltwater release and calving events. <i>Scottish Journal of Geology</i> , 2020, 56, 117-133.	0.1	6
31	The subglacial imprint of the last Newfoundland Ice Sheet, Canada.. <i>Journal of Maps</i> , 2016, 12, 462-483.	2.0	5
32	A Late Pleistocene channelized subglacial meltwater system on the Atlantic continental shelf south of Ireland. <i>Boreas</i> , 0, , .	2.4	5
33	Sedimentary and foraminiferal records of Late Quaternary environmental change west of Ireland and implications for the last British-Irish Ice Sheet. <i>Journal of Quaternary Science</i> , 2020, 35, 609-624.	2.1	4
34	An Overview of Subglacial Bedforms in Ireland, Mapped From Digital Elevation Data. , 0, , 384-387.		3
35	Arcuate moraines on the continental shelf NW of Ireland. <i>Geological Society Memoir</i> , 2016, 46, 253-254.	1.7	1
36	Glacial geomorphological map of the western margin of the British Irish Ice Sheet on the Irish continental shelf. <i>Quaternary International</i> , 2012, 279-280, 125-126.	1.5	0

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37	Marine geophysical evidence for ice sheet extension and recession on the Malin and Northwest Irish shelves: New evidence for the western limits of the British Irish Ice Sheet. Quaternary International, 2012, 279-280, 125.	1.5	0
38	Submarine drumlins on the continental shelf offshore of NW Ireland. Geological Society Memoir, 2016, 46, 195-196.	1.7	0