

Sara Benetti

List of Publications by Year in descending order

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Version: 2024-02-01

43
papers

1,211
citations

471509

17
h-index

377865

34
g-index

43
all docs

43
docs citations

43
times ranked

1179
citing authors

#	ARTICLE	IF	CITATIONS
1	Onset of submarine debris flow deposition far from original giant landslide. <i>Nature</i> , 2007, 450, 541-544.	27.8	314
2	A major trough-mouth fan on the continental margin of the Bellingshausen Sea, West Antarctica: The Belgica Fan. <i>Marine Geology</i> , 2008, 252, 129-140.	2.1	87
3	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
4	The sedimentary legacy of a palaeo-ice stream on the shelf of the southern Bellingshausen Sea: Clues to West Antarctic glacial history during the Late Quaternary. <i>Quaternary Science Reviews</i> , 2010, 29, 2741-2763.	3.0	58
5	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
6	Using Multibeam Echo-Sounder Data to Identify Shipwreck Sites: archaeological assessment of the Joint Irish Bathymetric Survey data. <i>International Journal of Nautical Archaeology</i> , 2011, 40, 87-98.	0.5	48
7	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
8	Volcanic time-markers for Marine Isotopic Stages 6 and 5 in Southern Ocean sediments and Antarctic ice cores: implications for tephra correlations between palaeoclimatic records. <i>Quaternary Science Reviews</i> , 2008, 27, 518-540.	3.0	46
9	Extent and retreat history of the Barra Fan Ice Stream offshore western Scotland and northern Ireland during the last glaciation. <i>Quaternary Science Reviews</i> , 2018, 201, 280-302.	3.0	40
10	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
11	Mapping Submerged Landscapes Using Multibeam Bathymetric Data: a case study from the north coast of Ireland. <i>International Journal of Nautical Archaeology</i> , 2011, 40, 99-112.	0.5	36
12	Cosmogenic exposure age constraints on deglaciation and flow behaviour of a marine-based ice stream in western Scotland, 21â€“16Âka. <i>Quaternary Science Reviews</i> , 2017, 167, 30-46.	3.0	35
13	Clay mineral provenance of sediments in the southern Bellingshausen Sea reveals drainage changes of the West Antarctic Ice Sheet during the Late Quaternary. <i>Marine Geology</i> , 2009, 265, 1-18.	2.1	30
14	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
15	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
16	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
17	A stratigraphic investigation of the Celtic Sea megaridges based on seismic and core data from the Irish-UK sectors. <i>Quaternary Science Reviews</i> , 2018, 198, 156-170.	3.0	20
18	Basement-controlled multiple slope collapses, Rockall Bank Slide Complex, NE Atlantic. <i>Marine Geology</i> , 2013, 336, 198-214.	2.1	18

#	ARTICLE	IF	CITATIONS
19	Geophysical evidence of deep-keeled icebergs on the Rockall Bank, Northeast Atlantic Ocean. <i>Geomorphology</i> , 2012, 159-160, 63-72.	2.6	17
20	Maximum extent and readvance dynamics of the Irish Sea Ice Stream and Irish Sea Glacier since the Last Glacial Maximum. <i>Journal of Quaternary Science</i> , 2021, 36, 780-804.	2.1	17
21	Oscillating retreat of the last British-Irish Ice Sheet on the continental shelf offshore Galway Bay, western Ireland. <i>Marine Geology</i> , 2020, 420, 106087.	2.1	15
22	Deglaciation chronology of the Donegal Ice Centre, north-west Ireland. <i>Journal of Quaternary Science</i> , 2019, 34, 16-28.	2.1	14
23	Timing and pace of ice-sheet withdrawal across the marine-terrestrial transition west of Ireland during the last glaciation. <i>Journal of Quaternary Science</i> , 2021, 36, 805-832.	2.1	14
24	Glacial and post-glacial sedimentary processes in the Irish Rockall Trough from an integrated acoustic analysis of near-seabed sediments. <i>Geo-Marine Letters</i> , 2013, 33, 49-66.	1.1	13
25	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
26	The formation and evolution of an isolated submarine valley in the North Channel, Irish Sea: an investigation of Beaufort's Dyke. <i>Journal of Quaternary Science</i> , 2011, 26, 362-373.	2.1	10
27	Mapping Ireland's Glaciated Continental Margin Using Marine Geophysical Data. <i>Developments in Earth Surface Processes</i> , 2011, 15, 339-357.	2.8	9
28	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
29	Gravity Flow Deposits in the Deep Rockall Trough, Northeast Atlantic. , 2012, , 695-707.		9
30	Weathering fluxes and sediment provenance on the SW Scottish shelf during the last deglaciation. <i>Marine Geology</i> , 2018, 402, 81-98.	2.1	7
31	Processes influencing differences in Arctic and Antarctic trough mouth fan sedimentology. <i>Geological Society Special Publication</i> , 2019, 475, 203-221.	1.3	7
32	Trace metal contamination of Beaufort's Dyke, North Channel, Irish Sea: A legacy of ordnance disposal. <i>Marine Pollution Bulletin</i> , 2011, 62, 2345-2355.	5.0	6
33	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
34	A Late Pleistocene channelized subglacial meltwater system on the Atlantic continental shelf south of Ireland. <i>Boreas</i> , 0, , .	2.4	5
35	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
36	Geomorphology and substrate of Galway Bay, Western Ireland. <i>Journal of Maps</i> , 2020, 16, 166-178.	2.0	4

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37	Mass transport deposits in the Donegal Barra Fan and their association with British-Irish Ice Sheet dynamics. Geological Society Special Publication, 2020, 500, 567-586.	1.3	4
38	Comparison of Mass Wasting Processes on the Slopes of the Rockall Trough, Northeast Atlantic. Advances in Natural and Technological Hazards Research, 2014, , 471-480.	1.1	4
39	Debris-flow deposits on the West Antarctic continental slope. Geological Society Memoir, 2016, 46, 375-376.	1.7	1
40	Arcuate moraines on the continental shelf NW of Ireland. Geological Society Memoir, 2016, 46, 253-254.	1.7	1
41	Reply to comment by Gavin M. Elliott on "Basement-controlled multiple slope collapses, Rockall Bank Slide Complex, NE Atlantic" by A. Georgiopoulou, P.M. Shannon, F. Sacchetti, PDW Haughton, S. Benetti [Marine Geology 336 (2013) 198-214]. Marine Geology, 2013, 342, 55-57.	2.1	0
42	Iceberg ploughmarks on Rockall Bank, NE Atlantic. Geological Society Memoir, 2016, 46, 277-278.	1.7	0
43	Submarine drumlins on the continental shelf offshore of NW Ireland. Geological Society Memoir, 2016, 46, 195-196.	1.7	0