

# Catherine Chaguã©

## List of Publications by Year in descending order

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Version: 2024-02-01

76  
papers

3,292  
citations

172207

29  
h-index

149479

56  
g-index

77  
all docs

77  
docs citations

77  
times ranked

1810  
citing authors

#	ARTICLE	IF	CITATIONS
1	A 1600-year-long sedimentary record of tsunamis and hurricanes in the Lesser Antilles (Scrub Island,) Tj ETQq1 1,0,784314,rgBT /Overlock 10 T	1.0	23
2	Recurrence of intraplate earthquakes inferred from tsunami deposits during the past 7300 years in Beppu Bay, southwest Japan. Quaternary Science Reviews, 2021, 259, 106901.	1.4	2
3	The sediment-fill of Pago Pago Bay (Tutuila Island, American Samoa): New insights on the sediment record of past tsunamis. Sedimentology, 2020, 67, 1577-1600.	1.6	10
4	New coring study in Augusta Bay expands understanding of offshore tsunami deposits (Eastern Sicily,) Tj ETQq0 0 0 0,rgBT /Overlock 10 T	1.6	21
5	Sedimentary fabric characterized by X-ray tomography: A case study from tsunami deposits on the Marquesas Islands, French Polynesia. Sedimentology, 2020, 67, 1207-1229.	1.6	19
6	Sedimentary evidence of prehistoric distant-source tsunamis in the Hawaiian Islands. Sedimentology, 2020, 67, 1249-1273.	1.6	13
7	Applications of geochemical proxies in paleotsunami research. , 2020, , 381-401.		3
8	Backwash sediment record of the 2009 South Pacific Tsunami and 1960 Great Chilean Earthquake Tsunami. Scientific Reports, 2020, 10, 4149.	1.6	10
9	A 7300-year record of environmental changes in a coastal wetland (Moawhitu), New Zealand, and evidence for catastrophic overwash (tsunami?). Sedimentary Geology, 2020, 407, 105746.	1.0	7
10	Extending the terrestrial depositional record of marine geohazards in coastal NW British Columbia. Geological Society Special Publication, 2019, 477, 277-292.	0.8	4
11	The Waikari River tsunami: New Zealand's largest historical tsunami event. Sedimentary Geology, 2019, 383, 148-158.	1.0	2
12	Late Holocene environmental changes and anthropogenic impact in Dee Why Lagoon, New South Wales. Australian Journal of Earth Sciences, 2019, 66, 657-670.	0.4	6
13	Sedimentary and geochemical signature of the 2016 KaikÅura Tsunami at Little Pigeon Bay: A depositional benchmark for the Banks Peninsula region, New Zealand. Sedimentary Geology, 2018, 369, 60-70.	1.0	7
14	Geological evidence and sediment transport modelling for the 1946 and 1960 tsunamis in Shinmachi, Hilo, Hawaii. Sedimentary Geology, 2018, 364, 319-333.	1.0	25
15	New Zealand's most easterly palaeotsunami deposit confirms evidence for major trans-Pacific event. Marine Geology, 2018, 404, 158-173.	0.9	17
16	Restoration Measures After the 2011 Tohoku-oki Tsunami and Their Impact on Tsunami Research. Advances in Natural and Technological Hazards Research, 2018, , 229-247.	1.1	2
17	Multi-proxy evidence for small historical tsunamis leaving little or no sedimentary record. Marine Geology, 2017, 385, 204-215.	0.9	40
18	Tsunami runup and tide-gauge observations from the 14 November 2016 M7.8 KaikÅura earthquake, New Zealand. Pure and Applied Geophysics, 2017, 174, 2457-2473.	0.8	48

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19	Effects of Inundation by the 14th November, 2016 KaikÅra Tsunami on Banks Peninsula, Canterbury, New Zealand. <i>Pure and Applied Geophysics</i> , 2017, 174, 1855-1874.	0.8	15
20	Applications of geochemistry in tsunami research: A review. <i>Earth-Science Reviews</i> , 2017, 165, 203-244.	4.0	131
21	Determining flow patterns and emplacement dynamics from tsunami deposits with no visible sedimentary structure. <i>Earth Surface Processes and Landforms</i> , 2017, 42, 763-780.	1.2	15
22	A record of local storms and trans-Pacific tsunamis, eastern Banks Peninsula, New Zealand. <i>Holocene</i> , 2017, 27, 496-508.	0.9	20
23	Putting a spin on palaeotsunami deposits. <i>Earth Surface Processes and Landforms</i> , 2016, 41, 1293-1296.	1.2	8
24	Late Holocene record of environmental changes, cyclones and tsunamis in a coastal lake, Mangaia, Cook Islands. <i>Island Arc</i> , 2016, 25, 333-349.	0.5	58
25	Large-scale erosion and overbank deposition caused by the July 2013 flood of the Abu River, Yamaguchi City, Japan. <i>Island Arc</i> , 2016, 25, 386-399.	0.5	5
26	Analysis of environmental controls on tsunami deposit texture. <i>Marine Geology</i> , 2015, 368, 1-14.	0.9	8
27	Three large tsunamis on the non-subduction, western side of New Zealand over the past 700years. <i>Marine Geology</i> , 2015, 363, 243-260.	0.9	12
28	Insights from geochemistry and diatoms to characterise a tsunami's deposit and maximum inundation limit. <i>Marine Geology</i> , 2015, 359, 22-34.	0.9	71
29	Preface for Special Issue of <i>Marine Geology</i> : In the wake of the 2011 Tohoku-oki tsunami " three years on. <i>Marine Geology</i> , 2014, 358, 1.	0.9	8
30	The 2011 Tohoku-oki tsunami " Three years on. <i>Marine Geology</i> , 2014, 358, 2-11.	0.9	39
31	Using magnetic fabric to reconstruct the dynamics of tsunami deposition on the Sendai Plain, Japan " The 2011 Tohoku-oki tsunami. <i>Marine Geology</i> , 2014, 358, 89-106.	0.9	27
32	Unearthing earthquakes and their tsunamis using multiple proxies: the 22 June 1932 event and a probable fourteenth-century predecessor on the Pacific coast of Mexico. <i>International Geology Review</i> , 2014, 56, 1584-1601.	1.1	17
33	Wrack line signatures of high-magnitude water-level events on the northwest Australian coast. <i>Marine Geology</i> , 2014, 355, 310-317.	0.9	4
34	What is a mega-tsunami?. <i>Marine Geology</i> , 2014, 358, 12-17.	0.9	27
35	The Australian tsunami database. <i>Progress in Physical Geography</i> , 2014, 38, 218-240.	1.4	32
36	Impact of Tsunami Inundation on Soil Salinisation: Up to One Year After the 2011 Tohoku-Oki Tsunami. <i>Advances in Natural and Technological Hazards Research</i> , 2014, , 193-214.	1.1	15

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37	Managing pollutant inputs from pastoral dairy farming to maintain water quality of a lake in a high-rainfall catchment. <i>Marine and Freshwater Research</i> , 2013, 64, 447.	0.7	12
38	Anatomy of sand beach ridges: Evidence from severe Tropical Cyclone Yasi and its predecessors, northeast Queensland, Australia. <i>Journal of Geophysical Research F: Earth Surface</i> , 2013, 118, 1710-1719.	1.0	34
39	Palaeotsunamis and their influence on Polynesian settlement. <i>Holocene</i> , 2012, 22, 1067-1069.	0.9	40
40	The value of a Pacific-wide tsunami database to risk reduction: putting theory into practice. <i>Geological Society Special Publication</i> , 2012, 361, 209-220.	0.8	17
41	Sedimentary and foraminiferal evidence of the 2011 TÅhoku-oki tsunami on the Sendai coastal plain, Japan. <i>Sedimentary Geology</i> , 2012, 282, 78-89.	1.0	64
42	A synthesis and review of the geological evidence for palaeotsunamis along the coast of southeast Australia: The evidence, issues and potential ways forward. <i>Quaternary Science Reviews</i> , 2012, 54, 99-125.	1.4	25
43	A review of palaeo-tsunamis for the Christchurch region, New Zealand. <i>Quaternary Science Reviews</i> , 2012, 57, 136-156.	1.4	22
44	Extreme wave deposits on the Pacific coast of Mexico: Tsunamis or storms? â€” A multi-proxy approach. <i>Geomorphology</i> , 2012, 139-140, 360-371.	1.1	94
45	The Eltanin asteroid impact: possible South Pacific palaeomegatsunami footprint and potential implications for the Plioceneâ€”Pleistocene transition. <i>Journal of Quaternary Science</i> , 2012, 27, 660-670.	1.1	16
46	Tsunamis of the northeast Indian Ocean with a particular focus on the Bay of Bengal regionâ€”A synthesis and review. <i>Earth-Science Reviews</i> , 2012, 114, 175-193.	4.0	20
47	Progress in palaeotsunami research. <i>Sedimentary Geology</i> , 2012, 243-244, 70-88.	1.0	256
48	Geochemical signatures up to the maximum inundation of the 2011 Tohoku-oki tsunami â€” Implications for the 869 AD Jogan and other palaeotsunamis. <i>Sedimentary Geology</i> , 2012, 282, 65-77.	1.0	138
49	Environmental impact assessment of the 2011 Tohoku-oki tsunami on the Sendai Plain. <i>Sedimentary Geology</i> , 2012, 282, 175-187.	1.0	97
50	Heavy minerals in the 2011 Tohoku-oki tsunami depositsâ€”insights into sediment sources and hydrodynamics. <i>Sedimentary Geology</i> , 2012, 282, 57-64.	1.0	72
51	Sediment sources and sedimentation processes of 2011 Tohoku-oki tsunami deposits on the Sendai Plain, Japan â€” Insights from diatoms, nannoliths and grain size distribution. <i>Sedimentary Geology</i> , 2012, 282, 40-56.	1.0	165
52	The future of tsunami research following the 2011 Tohoku-oki event. <i>Sedimentary Geology</i> , 2012, 282, 1-13.	1.0	97
53	Erosion, deposition and landscape change on the Sendai coastal plain, Japan, resulting from the March 11, 2011 Tohoku-oki tsunami. <i>Sedimentary Geology</i> , 2012, 282, 27-39.	1.0	126
54	N:P ratios, $\delta^{15}N$ fractionation and nutrient resorption along a nitrogen to phosphorus limitation gradient in an oligotrophic wetland complex. <i>Aquatic Botany</i> , 2011, 94, 93-101.	0.8	14

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55	Human Response to Extreme Events: a review of three post-tsunami disaster case studies. <i>Australian Geographer</i> , 2011, 42, 225-239.	1.0	37
56	Characterising diagnostic proxies for identifying palaeotsunamis in a tropical climatic regime, Samoan Islands. , 2011, , .		5
57	New insights of tsunami hazard from the 2011 Tohoku-oki event. <i>Marine Geology</i> , 2011, 290, 46-50.	0.9	271
58	Palaeotsunamis in the Pacific Islands. <i>Earth-Science Reviews</i> , 2011, 107, 141-146.	4.0	73
59	Predecessors to the 2009 South Pacific tsunami in the Wallis and Futuna archipelago. <i>Earth-Science Reviews</i> , 2011, 107, 91-106.	4.0	55
60	The use of boulders for characterising past tsunamis: Lessons from the 2004 Indian Ocean and 2009 South Pacific tsunamis. <i>Earth-Science Reviews</i> , 2011, 107, 76-90.	4.0	101
61	Tsunamigenic predecessors to the 2009 Samoa earthquake. <i>Earth-Science Reviews</i> , 2011, 107, 128-140.	4.0	31
62	Expanding the proxy toolkit to help identify past events â€” Lessons from the 2004 Indian Ocean Tsunami and the 2009 South Pacific Tsunami. <i>Earth-Science Reviews</i> , 2011, 107, 107-122.	4.0	192
63	Deposits, flow characteristics, and landscape change resulting from the September 2009 South Pacific tsunami in the Samoan islands. <i>Earth-Science Reviews</i> , 2011, 107, 38-51.	4.0	56
64	Chemical signatures of palaeotsunamis: A forgotten proxy?. <i>Marine Geology</i> , 2010, 271, 67-71.	0.9	128
65	Predecessor to New Zealand's largest historic trans-South Pacific tsunami of 1868AD. <i>Marine Geology</i> , 2010, 275, 155-165.	0.9	38
66	Hydrological processes and chemical characteristics of low-alpine patterned wetlands, south-central New Zealand. <i>Journal of Hydrology</i> , 2010, 385, 105-119.	2.3	14
67	Analysis of the Mahuika comet impact tsunami hypothesis. <i>Marine Geology</i> , 2010, 271, 292-296.	0.9	17
68	Multi-proxy records of regionally-sourced tsunamis, New Zealand. <i>Geomorphology</i> , 2010, 118, 369-382.	1.1	74
69	Assessing the Removal Efficiency of Zn, Cu, Fe and Pb in A Treatment Wetland Using Selective Sequential Extraction: A Case Study. <i>Water, Air, and Soil Pollution</i> , 2005, 160, 161-179.	1.1	16
70	The Elusive AD 1826 Tsunami, South Westland, New Zealand. <i>New Zealand Geographer</i> , 2004, 60, 28-39.	0.4	23
71	Utilisation of the sedimentological and hydrochemical dynamics of the Stump Bay Wetland along Lake Taupo, New Zealand, for the recognition of paleo-shoreline indicators. <i>Sedimentary Geology</i> , 2002, 148, 357-371.	1.0	8
72	Effect of permafrost on geochemistry in a Canadian peat plateau bog. <i>Applied Geochemistry</i> , 1997, 12, 465-472.	1.4	10

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73	Geochemical and petrographical characteristics of a domed bog, Nova Scotia: a modern analogue for temperate coal deposits. <i>Organic Geochemistry</i> , 1996, 24, 141-158.	0.9	45
74	Elemental Distribution and Pyrite Occurrence in a Freshwater Peatland, Alberta. <i>Journal of Geology</i> , 1996, 104, 649-663.	0.7	17
75	Tsunamis. , 0, , 147-177.		1
76	Tsunami or storm deposit? A late Holocene sedimentary record from Swamp Bay, Rangitoto ki te Tonga/Dâ€™Urville Island, Aotearoa â€™ New Zealand. <i>New Zealand Journal of Geology, and Geophysics</i> , 0, , 1-17.	1.0	0