Catherine ChaguÃ©

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/2074556/publications.pdf

Version: 2024-02-01

76	3,292	172207	149479
papers	citations	29 h-index	56 g-index

77	77	77	1810
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New insights of tsunami hazard from the 2011 Tohoku-oki event. Marine Geology, 2011, 290, 46-50.	0.9	271
2	Progress in palaeotsunami research. Sedimentary Geology, 2012, 243-244, 70-88.	1.0	256
3	Expanding the proxy toolkit to help identify past events â€" Lessons from the 2004 Indian Ocean Tsunami and the 2009 South Pacific Tsunami. Earth-Science Reviews, 2011, 107, 107-122.	4.0	192
4	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. Sedimentary Geology, 2012, 282, 40-56.	1.0	165
5	Geochemical signatures up to the maximum inundation of the 2011 Tohoku-oki tsunami â€" Implications for the 869 AD Jogan and other palaeotsunamis. Sedimentary Geology, 2012, 282, 65-77.	1.0	138
6	Applications of geochemistry in tsunami research: A review. Earth-Science Reviews, 2017, 165, 203-244.	4.0	131
7	Chemical signatures of palaeotsunamis: A forgotten proxy?. Marine Geology, 2010, 271, 67-71.	0.9	128
8	Erosion, deposition and landscape change on the Sendai coastal plain, Japan, resulting from the March 11, 2011 Tohoku-oki tsunami. Sedimentary Geology, 2012, 282, 27-39.	1.0	126
9	The use of boulders for characterising past tsunamis: Lessons from the 2004 Indian Ocean and 2009 South Pacific tsunamis. Earth-Science Reviews, 2011, 107, 76-90.	4.0	101
10	Environmental impact assessment of the 2011 Tohoku-oki tsunami on the Sendai Plain. Sedimentary Geology, 2012, 282, 175-187.	1.0	97
11	The future of tsunami research following the 2011 Tohoku-oki event. Sedimentary Geology, 2012, 282, 1-13.	1.0	97
12	Extreme wave deposits on the Pacific coast of Mexico: Tsunamis or storms? â€" A multi-proxy approach. Geomorphology, 2012, 139-140, 360-371.	1.1	94
13	Multi-proxy records of regionally-sourced tsunamis, New Zealand. Geomorphology, 2010, 118, 369-382.	1.1	74
14	Palaeotsunamis in the Pacific Islands. Earth-Science Reviews, 2011, 107, 141-146.	4.0	73
15	Heavy minerals in the 2011 Tohoku-oki tsunami depositsâ€"insights into sediment sources and hydrodynamics. Sedimentary Geology, 2012, 282, 57-64.	1.0	72
16	Insights from geochemistry and diatoms to characterise a tsunami's deposit and maximum inundation limit. Marine Geology, 2015, 359, 22-34.	0.9	71
17	Sedimentary and foraminiferal evidence of the 2011 TÅhoku-oki tsunami on the Sendai coastal plain, Japan. Sedimentary Geology, 2012, 282, 78-89.	1.0	64
18	Late Holocene record of environmental changes, cyclones and tsunamis in a coastal lake, Mangaia, Cook Islands. Island Arc, 2016, 25, 333-349.	0.5	58

#	Article	IF	Citations
19	Deposits, flow characteristics, and landscape change resulting from the September 2009 South Pacific tsunami in the Samoan islands. Earth-Science Reviews, 2011, 107, 38-51.	4.0	56
20	Predecessors to the 2009 South Pacific tsunami in the Wallis and Futuna archipelago. Earth-Science Reviews, 2011, 107, 91-106.	4.0	55
21	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
22	Geochemical and petrographical characteristics of a domed bog, Nova Scotia: a modern analogue for temperate coal deposits. Organic Geochemistry, 1996, 24, 141-158.	0.9	45
23	Palaeotsunamis and their influence on Polynesian settlement. Holocene, 2012, 22, 1067-1069.	0.9	40
24	Multi-proxy evidence for small historical tsunamis leaving little or no sedimentary record. Marine Geology, 2017, 385, 204-215.	0.9	40
25	The 2011 Tohoku-oki tsunami â€" Three years on. Marine Geology, 2014, 358, 2-11.	0.9	39
26	Predecessor to New Zealand's largest historic trans-South Pacific tsunami of 1868AD. Marine Geology, 2010, 275, 155-165.	0.9	38
27	Human Response to Extreme Events: a review of three post-tsunami disaster case studies. Australian Geographer, 2011, 42, 225-239.	1.0	37
28	Anatomy of sand beach ridges: Evidence from severe Tropical Cyclone Yasi and its predecessors, northeast Queensland, Australia. Journal of Geophysical Research F: Earth Surface, 2013, 118, 1710-1719.	1.0	34
29	The Australian tsunami database. Progress in Physical Geography, 2014, 38, 218-240.	1.4	32
30	Tsunamigenic predecessors to the 2009 Samoa earthquake. Earth-Science Reviews, 2011, 107, 128-140.	4.0	31
31	Using magnetic fabric to reconstruct the dynamics of tsunami deposition on the Sendai Plain, Japan â€" The 2011 Tohoku-oki tsunami. Marine Geology, 2014, 358, 89-106.	0.9	27
32	What is a mega-tsunami?. Marine Geology, 2014, 358, 12-17.	0.9	27
33	A synthesis and review of the geological evidence for palaeotsunamis along the coast of southeast Australia: The evidence, issues and potential ways forward. Quaternary Science Reviews, 2012, 54, 99-125.	1.4	25
34	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
35	The Elusive AD 1826 Tsunami, South Westland, New Zealand. New Zealand Geographer, 2004, 60, 28-39.	0.4	23
36	A 1600â€¯year-long sedimentary record of tsunamis and hurricanes in the Lesser Antilles (Scrub Island,) Tj ETQq0 0 0 rgBT /Overlock 10	1.0	23

#	Article	IF	Citations
37	A review of palaeo-tsunamis for the Christchurch region, New Zealand. Quaternary Science Reviews, 2012, 57, 136-156.	1.4	22
38	New coring study in Augusta Bay expands understanding of offshore tsunami deposits (Eastern Sicily,) Tj ETQq0 0 0 rgBT /Overlock 10 T	1.6	21
39	Tsunamis of the northeast Indian Ocean with a particular focus on the Bay of Bengal regionâ€"A synthesis and review. Earth-Science Reviews, 2012, 114, 175-193.	4.0	20
40	A record of local storms and trans-Pacific tsunamis, eastern Banks Peninsula, New Zealand. Holocene, 2017, 27, 496-508.	0.9	20
41	Sedimentary fabric characterized by Xâ€ray tomography: A caseâ€study from tsunami deposits on the Marquesas Islands, French Polynesia. Sedimentology, 2020, 67, 1207-1229.	1.6	19
42	Elemental Distribution and Pyrite Occurrence in a Freshwater Peatland, Alberta. Journal of Geology, 1996, 104, 649-663.	0.7	17
43	Analysis of the Mahuika comet impact tsunami hypothesis. Marine Geology, 2010, 271, 292-296.	0.9	17
44	The value of a Pacific-wide tsunami database to risk reduction: putting theory into practice. Geological Society Special Publication, 2012, 361, 209-220.	0.8	17
45	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. International Geology Review, 2014, 56, 1584-1601.	1.1	17
46	New Zealand's most easterly palaeotsunami deposit confirms evidence for major trans-Pacific event. Marine Geology, 2018, 404, 158-173.	0.9	17
47	Assessing the Removal Efficiency of Zn, Cu, Fe and Pb in A Treatment Wetland Using Selective Sequential Extraction: A Case Study. Water, Air, and Soil Pollution, 2005, 160, 161-179.	1.1	16
48	The Eltanin asteroid impact: possible South Pacific palaeomegatsunami footprint and potential implications for the Pliocenâ€"Pleistocene transition. Journal of Quaternary Science, 2012, 27, 660-670.	1.1	16
49	Effects of Inundation by the 14th November, 2016 KaikÅura Tsunami on Banks Peninsula, Canterbury, New Zealand. Pure and Applied Geophysics, 2017, 174, 1855-1874.	0.8	15
50	Determining flow patterns and emplacement dynamics from tsunami deposits with no visible sedimentary structure. Earth Surface Processes and Landforms, 2017, 42, 763-780.	1.2	15
51	Impact of Tsunami Inundation on Soil Salinisation: Up to One Year After the 2011 Tohoku-Oki Tsunami. Advances in Natural and Technological Hazards Research, 2014, , 193-214.	1.1	15
52	Hydrological processes and chemical characteristics of low-alpine patterned wetlands, south-central New Zealand. Journal of Hydrology, 2010, 385, 105-119.	2.3	14
53	N:P ratios, Î´15N fractionation and nutrient resorption along a nitrogen to phosphorus limitation gradient in an oligotrophic wetland complex. Aquatic Botany, 2011, 94, 93-101.	0.8	14
54	Sedimentary evidence of prehistoric distantâ€source tsunamis in the Hawaiian Islands. Sedimentology, 2020, 67, 1249-1273.	1.6	13

#	Article	IF	Citations
55	Managing pollutant inputs from pastoral dairy farming to maintain water quality of a lake in a high-rainfall catchment. Marine and Freshwater Research, 2013, 64, 447.	0.7	12
56	Three large tsunamis on the non-subduction, western side of New Zealand over the past 700years. Marine Geology, 2015, 363, 243-260.	0.9	12
57	Effect of permafrost on geochemistry in a Canadian peat plateau bog. Applied Geochemistry, 1997, 12, 465-472.	1.4	10
58	The sedimentâ€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
59	Backwash sediment record of the 2009 South Pacific Tsunami and 1960 Great Chilean Earthquake Tsunami. Scientific Reports, 2020, 10, 4149.	1.6	10
60	Utilisation of the sedimentological and hydrochemical dynamics of the Stump Bay Wetland along Lake Taupo, New Zealand, for the recognition of paleo-shoreline indicators. Sedimentary Geology, 2002, 148, 357-371.	1.0	8
61	Preface for Special Issue of Marine Geology: In the wake of the 2011 Tohoku-oki tsunami â€“ three years on. Marine Geology, 2014, 358, 1.	0.9	8
62	Analysis of environmental controls on tsunami deposit texture. Marine Geology, 2015, 368, 1-14.	0.9	8
63	Putting a spin on palaeotsunami deposits. Earth Surface Processes and Landforms, 2016, 41, 1293-1296.	1.2	8
64	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
65	A 7300â€¯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
66	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
67	Characterising diagnostic proxies for identifying palaeotsunamis in a tropical climatic regime, Samoan Islands. , 2011, , .		5
68	Largeâ€scale erosion and overbank deposition caused by the July 2013 flood of the Abu River, Yamaguchi City, Japan. Island Arc, 2016, 25, 386-399.	0.5	5
69	Wrack line signatures of high-magnitude water-level events on the northwest Australian coast. Marine Geology, 2014, 355, 310-317.	0.9	4
70	Extending the terrestrial depositional record of marine geohazards in coastal NW British Columbia. Geological Society Special Publication, 2019, 477, 277-292.	0.8	4
71	Applications of geochemical proxies in paleotsunami research. , 2020, , 381-401.		3
72	The Waikari River tsunami: New Zealand's largest historical tsunami event. Sedimentary Geology, 2019, 383, 148-158.	1.0	2

#	Article	IF	Citations
73	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
74	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
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. New Zealand Journal of Geology, and Geophysics, 0, , 1-17.	1.0	0