

Yuki Sawai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/964418/publications.pdf>

Version: 2024-02-01

69
papers

3,319
citations

159585

30
h-index

149698

56
g-index

72
all docs

72
docs citations

72
times ranked

1974
citing authors

#	ARTICLE	IF	CITATIONS
1	Predecessors of the giant 1960 Chile earthquake. <i>Nature</i> , 2005, 437, 404-407.	27.8	456
2	Medieval forewarning of the 2004 Indian Ocean tsunami in Thailand. <i>Nature</i> , 2008, 455, 1228-1231.	27.8	314
3	Challenges of anticipating the 2011 Tohoku earthquake and tsunami using coastal geology. <i>Geophysical Research Letters</i> , 2012, 39, .	4.0	202
4	Asynchronous Climate Changes in the North Atlantic and Japan During the Last Termination. <i>Science</i> , 2003, 299, 688-691.	12.6	183
5	Transient Uplift After a 17th-Century Earthquake Along the Kuril Subduction Zone. <i>Science</i> , 2004, 306, 1918-1920.	12.6	138
6	Marine incursions of the past 1500 years and evidence of tsunamis at Sujin-numa, a coastal lake facing the Japan Trench. <i>Holocene</i> , 2008, 18, 517-528.	1.7	121
7	Diatom assemblages in tsunami deposits associated with the 2004 Indian Ocean tsunami at Phra Thong Island, Thailand. <i>Marine Micropaleontology</i> , 2009, 73, 70-79.	1.2	116
8	Aperiodic recurrence of geologically recorded tsunamis during the past 5500 years in eastern Hokkaido, Japan. <i>Journal of Geophysical Research</i> , 2009, 114, .	3.3	110
9	Great-earthquake paleogeodesy and tsunamis of the past 2000 years at Alsea Bay, central Oregon coast, USA. <i>Quaternary Science Reviews</i> , 2008, 27, 747-768.	3.0	95
10	Microfossils from coastal environments as indicators of paleo-earthquakes, tsunamis and storms. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2014, 413, 144-157.	2.3	87
11	Pollen/event stratigraphy of the varved sediment of Lake Suigetsu, central Japan from 15,701 to 10,217 SC yr BP (Suigetsu varve years before present): Description, interpretation, and correlation with other regions. <i>Quaternary Science Reviews</i> , 2005, 24, 1691-1701.	3.0	85
12	Shorter intervals between great earthquakes near Sendai: Scour ponds and a sand layer attributable to <sc>A.D.</sc> 1454 overwash. <i>Geophysical Research Letters</i> , 2015, 42, 4795-4800.	4.0	80
13	Distribution of living and dead diatoms in tidal wetlands of northern Japan: relations to taphonomy. <i>Palaeogeography, Palaeoclimatology, Palaeoecology</i> , 2001, 173, 125-141.	2.3	64
14	The application of diatoms to reconstruct the history of subduction zone earthquakes and tsunamis. <i>Earth-Science Reviews</i> , 2016, 152, 181-197.	9.1	64
15	Coastal subsidence in Oregon, USA, during the giant Cascadia earthquake of AD 1700. <i>Quaternary Science Reviews</i> , 2011, 30, 364-376.	3.0	63
16	Historical tsunamis and storms recorded in a coastal lowland, Shizuoka Prefecture, along the Pacific Coast of Japan. <i>Sedimentology</i> , 2008, 55, 1703-1716.	3.1	62
17	Evidence for 17th-century tsunamis generated on the Kuril–Kamchatka subduction zone, Lake Tokotan, Hokkaido, Japan. <i>Journal of Asian Earth Sciences</i> , 2002, 20, 903-911.	2.3	61
18	The development of a diatom-based transfer function along the Pacific coast of eastern Hokkaido, northern Japan?an aid in paleoseismic studies of the Kuril subduction zone. <i>Quaternary Science Reviews</i> , 2004, 23, 2467-2483.	3.0	53

#	ARTICLE	IF	CITATIONS
19	Seventeenth-century uplift in eastern Hokkaido, Japan. <i>Holocene</i> , 2004, 14, 487-501.	1.7	51
20	Tsunami heights and damage along the Myanmar coast from the December 2004 Sumatra-Andaman earthquake. <i>Earth, Planets and Space</i> , 2006, 58, 243-252.	2.5	51
21	Indian Ocean tsunami recurrence from optical dating of tsunami sand sheets in Thailand. <i>Marine Geology</i> , 2012, 295-298, 20-27.	2.1	51
22	Shallow-marine deposits associated with the 2011 Tohoku-oki tsunami in Sendai Bay, Japan. <i>Journal of Quaternary Science</i> , 2015, 30, 293-297.	2.1	50
23	Fluctuations in relative sea-level during the past 3000 yr in the Onnetoh estuary, Hokkaido, northern Japan. <i>Journal of Quaternary Science</i> , 2002, 17, 607-622.	2.1	48
24	Episodic Emergence in the Past 3000 Years at the Akkeshi Estuary, Hokkaido, Northern Japan. <i>Quaternary Research</i> , 2001, 56, 231-241.	1.7	43
25	A further source of Tokyo earthquakes and Pacific Ocean tsunamis. <i>Nature Geoscience</i> , 2021, 14, 796-800.	12.9	39
26	Sedimentology and paleontology of a tsunami deposit accompanying the great Chilean earthquake of February 2010. <i>Marine Micropaleontology</i> , 2011, 79, 132-138.	1.2	37
27	Geologic evidence for two pre-2004 earthquakes during recent centuries near Port Blair, South Andaman Island, India. <i>Geology</i> , 2011, 39, 559-562.	4.4	35
28	Study on paleotsunami deposits in geologic stratum. <i>Journal of the Geological Society of Japan</i> , 2012, 118, 535-558.	0.6	34
29	Extreme waves in the British Virgin Islands during the last centuries before 1500 CE. , 2017, 13, 301-368.		34
30	Relationships between diatoms and tidal environments in Oregon and Washington, USA. <i>Diatom Research</i> , 2016, 31, 17-38.	1.2	33
31	Marine biomarkers deposited on coastal land by the 2011 Tohoku-oki tsunami. <i>Natural Hazards</i> , 2015, 77, 445-460.	3.4	31
32	Subduction zone paleoseismology along the Pacific coast of northeast Japan – progress and remaining problems. <i>Earth-Science Reviews</i> , 2020, 208, 103261.	9.1	30
33	Recurrence of postseismic coastal uplift, Kuril subduction zone, Japan. <i>Geophysical Research Letters</i> , 2006, 33, .	4.0	25
34	Geological evidence for an unusually large tsunami on the Pacific coast of Aomori, northern Japan. <i>Journal of Quaternary Science</i> , 2014, 29, 200-208.	2.1	25
35	Geochemical characteristics of deposits from the 2011 Tohoku-oki tsunami at Hasunuma, Kujukuri coastal plain, Japan. <i>Island Arc</i> , 2016, 25, 350-368.	1.1	25
36	OSL dating of the AD 869 Jogan tsunami deposit, northeastern Japan. <i>Quaternary Geochronology</i> , 2015, 30, 294-298.	1.4	24

#	ARTICLE	IF	CITATIONS
37	Stratigraphic evidence of historical and prehistoric tsunamis on the Pacific coast of central Japan: Implications for the variable recurrence of tsunamis in the Nankai Trough. <i>Quaternary Science Reviews</i> , 2018, 201, 147-161.	3.0	22
38	Diatom assemblages within tsunami deposit from the 2011 Tohoku-oki earthquake along the Misawa coast, Aomori Prefecture, northern Japan. <i>Marine Geology</i> , 2018, 396, 6-15.	2.1	21
39	Tsunami deposit associated with the 2011 Tohoku-oki tsunami in the Hasunuma site of the Kujukuri coastal plain, Japan. <i>Island Arc</i> , 2016, 25, 369-385.	1.1	20
40	Erosion and sedimentation during the September 2015 flooding of the Kinu River, central Japan. <i>Scientific Reports</i> , 2016, 6, 34168.	3.3	19
41	A 4500-year record of emergence events at Onnetoh, Hokkaido, northern Japan, reconstructed using plant macrofossils. <i>Marine Geology</i> , 2005, 217, 49-65.	2.1	17
42	Three extant species of <i>Paralia</i> (Bacillariophyceae) along the coast of Japan. <i>Phycologia</i> , 2005, 44, 517-529.	1.4	17
43	Constraining sediment provenance for tsunami deposits using distributions of grain size and foraminifera from the Kujukuri coastline and shelf, Japan. <i>Sedimentology</i> , 2020, 67, 1373-1392.	3.1	15
44	A geochemical approach for identifying marine incursions: Implications for tsunami geology on the Pacific coast of northeast Japan. <i>Applied Geochemistry</i> , 2020, 118, 104644.	3.0	14
45	Geochemical and diatom evidence of transition from freshwater to marine environments in the Aira Caldera and Kagoshima Bay, Japan, during post-glacial sea-level rise. <i>Journal of Asian Earth Sciences</i> , 2010, 39, 386-395.	2.3	12
46	Identifying Origins of Tsunami Deposits and Derangement of Marine Sediments from Chemical Composition: Targeting the Coastal Area of Sendai Plain Affected by the Tsunami of the 2011 off the Pacific Coast of Tohoku Earthquake. <i>Journal of Geography (Chigaku Zasshi)</i> , 2014, 123, 883-903.	0.3	12
47	Medieval coastal inundation revealed by a sand layer on the Ita lowland adjacent to the Suruga Trough, central Japan. <i>Natural Hazards</i> , 2016, 80, 505-519.	3.4	11
48	Diatoms as indicators of former sea levels, earthquakes, tsunamis, and hurricanes. , 2010, , 357-372.		11
49	Palaeotsunamis along Canada's Pacific coast. <i>Quaternary Science Reviews</i> , 2020, 237, 106309.	3.0	10
50	Paleotsunami research along the Pacific coast of Tohoku region. <i>Journal of the Geological Society of Japan</i> , 2017, 123, 819-830.	0.6	9
51	Recent and historical tsunami deposits from Lake Tokotan, eastern Hokkaido, Japan, inferred from nondestructive, grain size, and radioactive cesium analyses. <i>Natural Hazards</i> , 2020, 103, 713-730.	3.4	9
52	Marine Transgressions and Regressions over the Last 3,000 Years in Akkeshi Moor, Hokkaido, Northern Japan.. <i>The Quaternary Research</i> , 1998, 37, 1-12.	0.1	9
53	Event deposits on the Pacific coast of Misawa, Aomori Prefecture, northern Japan. <i>The Quaternary Research</i> , 2014, 53, 55-62.	0.1	8
54	El tsunami de 1960 en una planicie de cordones litorales cerca de Maullán, Chile: descenso tierra adentro, surcos renovados, abanicos agradados, múltiples predecesores.. <i>Andean Geology</i> , 2013, 40, .	0.5	8

#	ARTICLE	IF	CITATIONS
55	Paleoseismology along the Southern Kuril Trench, Inferred from Diatom-based Sea-level Reconstructions. <i>The Quaternary Research</i> , 2007, 46, 363-383.	0.1	7
56	Geological record of prehistoric tsunamis in Mugi town, facing the Nankai Trough, western Japan. <i>Progress in Earth and Planetary Science</i> , 2019, 6, .	3.0	6
57	Sand Sheets on a Beach-Ridge Plain in Thailand: Identification and Dating of Tsunami Deposits in a Far-Field Tropical Setting. , 2011, , .		5
58	Diatom (Bacillariophyceae) assemblages in salt marshes of south-central Chile: Relations with tidal inundation time and salinity. <i>Phycological Research</i> , 2017, 65, 29-37.	1.6	5
59	Identifying the Greatest Earthquakes of the Past 2000 Years at the Nehalem River Estuary, Northern Oregon Coast, USA. <i>Open Quaternary</i> , 2020, 6, .	1.0	5
60	Quantitative and semi-quantitative analyses using a portable energy dispersive X-ray fluorescence spectrometer: Geochemical applications in fault rocks, lake sediments, and event deposits. <i>Journal of Mineralogical and Petrological Sciences</i> , 2021, 116, 140-158.	0.9	4
61	Myanmar Coastal Area Field Survey after the December 2004 Indian Ocean Tsunami. <i>Earthquake Spectra</i> , 2006, 22, 285-294.	3.1	3
62	Identification of extreme event deposits on the coastal Ilan Plain, northeastern Taiwan. <i>Quaternary International</i> , 2019, 503, 70-78.	1.5	3
63	AD 869 Jogan tsunami deposit found in the Kumanosaku archeological site, Yamamoto Town, Miyagi, Japan. <i>The Quaternary Research</i> , 2016, 55, 59-66.	0.1	3
64	Distribution of tsunami deposits in the southern Kiritappu marsh, eastern Hokkaido, Japan. <i>The Quaternary Research</i> , 2019, 58, 303-312.	0.1	3
65	Identifying tsunami traces beyond sandy tsunami deposits using terrigenous biomarkers: a case study of the 2011 Tohoku-oki tsunami in a coastal pine forest, northern Japan. <i>Progress in Earth and Planetary Science</i> , 2022, 9, .	3.0	3
66	A brackish diatom, <i>Pseudofrustulia lancea</i> gen. et sp. nov. (Bacillariophyceae), from the Pacific coast of Oregon (USA). <i>Phytotaxa</i> , 2016, 267, 103.	0.3	2
67	Minimal stratigraphic evidence for coseismic coastal subsidence during 2000 yr of megathrust earthquakes at the central Cascadia subduction zone. , 2021, 17, 171-200.		2
68	Diatoms. , 2015, , 1-7.		0
69	Diatom (Bacillariophyceae) assemblages in tidal environments of Vancouver Island, British Columbia, Canada. <i>Phycological Research</i> , 2022, 70, 3-21.	1.6	0