Yuki Sawai

List of Publications by Year
in descending order

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	Diatom (Bacillariophyceae) assemblages in tidal environments of Vancouver Island, British Columbia, Canada. Phycological Research, 2022, 70, 3-21.	1.6	0
2	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. Progress in Earth and Planetary Science, 2022, 9, .	3.0	3
3	Quantitative and semiâ€“quantitative analyses using a portable energy dispersive Xâ€“ray fluorescence spectrometer: Geochemical applications in fault rocks, lake sediments, and event deposits. Journal of Mineralogical and Petrological Sciences, 2021, 116, 140-158.	0.9	4
4	A further source of Tokyo earthquakes and Pacific Ocean tsunamis. Nature Geoscience, 2021, 14, 796-800.	12.9	39
5	Minimal stratigraphic evidence for coseismic coastal subsidence during 2000 yr of megathrust earthquakes at the central Cascadia subduction zone. , 2021, 17, 171-200.		2
6	Constraining sediment provenance for tsunami deposits using distributions of grain size and foraminifera from the Kujukuri coastline and shelf, Japan. Sedimentology, 2020, 67, 1373-1392.	3.1	15
7	A geochemical approach for identifying marine incursions: Implications for tsunami geology on the Pacific coast of northeast Japan. Applied Geochemistry, 2020, 118, 104644.	3.0	14
8	Recent and historical tsunami deposits from Lake Tokotan, eastern Hokkaido, Japan, inferred from nondestructive, grain size, and radioactive cesium analyses. Natural Hazards, 2020, 103, 713-730.	3.4	9
9	Palaeotsunamis along Canadaâ€™s Pacific coast. Quaternary Science Reviews, 2020, 237, 106309.	3.0	10
10	Subduction zone paleoseismology along the Pacific coast of northeast Japan â€” progress and remaining problems. Earth-Science Reviews, 2020, 208, 103261.	9.1	30
11	Identifying the Greatest Earthquakes of the Past 2000 Years at the Nehalem River Estuary, Northern Oregon Coast, USA. Open Quaternary, 2020, 6, .	1.0	5
12	Identification of extreme event deposits on the coastal Ilan Plain, northeastern Taiwan. Quaternary International, 2019, 503, 70-78.	1.5	3
13	Geological record of prehistoric tsunamis in Mugi town, facing the Nankai Trough, western Japan. Progress in Earth and Planetary Science, 2019, 6, .	3.0	6
14	Distribution of tsunami deposits in the southern Kiritappu marsh, eastern Hokkaido, Japan. The Quaternary Research, 2019, 58, 303-312.	0.1	3
15	Diatom assemblages within tsunami deposit from the 2011 Tohoku-oki earthquake along the Misawa coast, Aomori Prefecture, northern Japan. Marine Geology, 2018, 396, 6-15.	2.1	21
16	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. Quaternary Science Reviews, 2018, 201, 147-161.	3.0	22
17	Extreme waves in the British Virgin Islands during the last centuries before 1500 CE. , 2017, 13, 301-368.		34
18	Diatom (Bacillariophyceae) assemblages in salt marshes of southâ€central Chile: Relations with tidal inundation time and salinity. Phycological Research, 2017, 65, 29-37.	1.6	5

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19	Paleotsunami research along the Pacific coast of Tohoku region. Journal of the Geological Society of Japan, 2017, 123, 819-830.	0.6	9
20	A brackish diatom, Pseudofrustulia lancea gen. et sp. nov. (Bacillariophyceae), from the Pacific coast of Oregon (USA). Phytotaxa, 2016, 267, 103.	0.3	2
21	Tsunami deposit associated with the 2011 Tohokuâ€oki tsunami in the Hasunuma site of the Kujukuri coastal plain, Japan. Island Arc, 2016, 25, 369-385.	1.1	20
22	Geochemical characteristics of deposits from the 2011 Tohokuâ€oki tsunami at Hasunuma, Kujukuri coastal plain, Japan. Island Arc, 2016, 25, 350-368.	1.1	25
23	Erosion and sedimentation during the September 2015 flooding of the Kinu River, central Japan. Scientific Reports, 2016, 6, 34168.	3.3	19
24	Relationships between diatoms and tidal environments in Oregon and Washington, USA. Diatom Research, 2016, 31, 17-38.	1.2	33
25	Medieval coastal inundation revealed by a sand layer on the Ita lowland adjacent to the Suruga Trough, central Japan. Natural Hazards, 2016, 80, 505-519.	3.4	11
26	The application of diatoms to reconstruct the history of subduction zone earthquakes and tsunamis. Earth-Science Reviews, 2016, 152, 181-197.	9.1	64
27	AD 869 Jogan tsunami deposit found in the Kumanosaku archeological site, Yamamoto Town, Miyagi, Japan. The Quaternary Research, 2016, 55, 59-66.	0.1	3
28	Shorter intervals between great earthquakes near Sendai: Scour ponds and a sand layer attributable to <scp>A.D.</scp> 1454 overwash. Geophysical Research Letters, 2015, 42, 4795-4800.	4.0	80
29	Shallow-marine deposits associated with the 2011 Tohoku-oki tsunami in Sendai Bay, Japan. Journal of Quaternary Science, 2015, 30, 293-297.	2.1	50
30	OSL dating of the AD 869 Jogan tsunami deposit, northeastern Japan. Quaternary Geochronology, 2015, 30, 294-298.	1.4	24
31	Marine biomarkers deposited on coastal land by the 2011 Tohoku-oki tsunami. Natural Hazards, 2015, 77, 445-460.	3.4	31
32	Diatoms. , 2015, , 1-7.		0
33	Geological evidence for an unusually large tsunami on the Pacific coast of Aomori, northern Japan. Journal of Quaternary Science, 2014, 29, 200-208.	2.1	25
34	Microfossils from coastal environments as indicators of paleo-earthquakes, tsunamis and storms. Palaeogeography, Palaeoclimatology, Palaeoecology, 2014, 413, 144-157.	2.3	87
35	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. Journal of Geography (Chigaku Zasshi), 2014, 123, 883-903.	0.3	12
36	Event deposits on the Pacific coast of Misawa, Aomori Prefecture, northern Japan. The Quaternary Research, 2014, 53, 55-62.	0.1	8

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37	El tsunami de 1960 en una planicie de cordones litorales cerca de MaullÃn, Chile: descenso tierra adentro, surcos renovados, abanicos agradados, mÃºltiples predecesores.. Andean Geology, 2013, 40, .	0.5	8
38	Challenges of anticipating the 2011 Tohoku earthquake and tsunami using coastal geology. Geophysical Research Letters, 2012, 39, .	4.0	202
39	Study on paleotsunami deposits in geologic stratum. Journal of the Geological Society of Japan, 2012, 118, 535-558.	0.6	34
40	Indian Ocean tsunami recurrence from optical dating of tsunami sand sheets in Thailand. Marine Geology, 2012, 295-298, 20-27.	2.1	51
41	Coastal subsidence in Oregon, USA, during the giant Cascadia earthquake of AD 1700. Quaternary Science Reviews, 2011, 30, 364-376.	3.0	63
42	Sand Sheets on a Beach-Ridge Plain in Thailand: Identification and Dating of Tsunami Deposits in a Far-Field Tropical Setting. , 2011, , .		5
43	Sedimentology and paleontology of a tsunami deposit accompanying the great Chilean earthquake of February 2010. Marine Micropaleontology, 2011, 79, 132-138.	1.2	37
44	Geologic evidence for two pre-2004 earthquakes during recent centuries near Port Blair, South Andaman Island, India. Geology, 2011, 39, 559-562.	4.4	35
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. Journal of Asian Earth Sciences, 2010, 39, 386-395.	2.3	12
46	Diatoms as indicators of former sea levels, earthquakes, tsunamis, and hurricanes. , 2010, , 357-372.		11
47	Diatom assemblages in tsunami deposits associated with the 2004 Indian Ocean tsunami at Phra Thong Island, Thailand. Marine Micropaleontology, 2009, 73, 70-79.	1.2	116
48	Aperiodic recurrence of geologically recorded tsunamis during the past 5500 years in eastern Hokkaido, Japan. Journal of Geophysical Research, 2009, 114, .	3.3	110
49	Medieval forewarning of the 2004 Indian Ocean tsunami in Thailand. Nature, 2008, 455, 1228-1231.	27.8	314
50	Historical tsunamis and storms recorded in a coastal lowland, Shizuoka Prefecture, along the Pacific Coast of Japan. Sedimentology, 2008, 55, 1703-1716.	3.1	62
51	Great-earthquake paleogeodesy and tsunamis of the past 2000 years at Alsea Bay, central Oregon coast, USA. Quaternary Science Reviews, 2008, 27, 747-768.	3.0	95
52	Marine incursions of the past 1500 years and evidence of tsunamis at Suijin-numa, a coastal lake facing the Japan Trench. Holocene, 2008, 18, 517-528.	1.7	121
53	Paleoseismology along the Southern Kuril Trench, Inferred from Diatom-based Sea-level Reconstructions. The Quaternary Research, 2007, 46, 363-383.	0.1	7
54	Recurrence of postseismic coastal uplift, Kuril subduction zone, Japan. Geophysical Research Letters, 2006, 33, .	4.0	25

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55	Tsunami heights and damage along the Myanmar coast from the December 2004 Sumatra-Andaman earthquake. Earth, Planets and Space, 2006, 58, 243-252.	2.5	51
56	Myanmar Coastal Area Field Survey after the December 2004 Indian Ocean Tsunami. Earthquake Spectra, 2006, 22, 285-294.	3.1	3
57	A 4500-year record of emergence events at Onnetoh, Hokkaido, northern Japan, reconstructed using plant macrofossils. Marine Geology, 2005, 217, 49-65.	2.1	17
58	Predecessors of the giant 1960 Chile earthquake. Nature, 2005, 437, 404-407.	27.8	456
59	Three extant species ofParalia(Bacillariophyceae) along the coast of Japan. Phycologia, 2005, 44, 517-529.	1.4	17
60	Pollen/event stratigraphy of the varved sediment of Lake Suigetsu, central Japan from 15,701 to 10,217 SG vyr BP (Suigetsu varve years before present): Description, interpretation, and correlation with other regions. Quaternary Science Reviews, 2005, 24, 1691-1701.	3.0	85
61	Transient Uplift After a 17th-Century Earthquake Along the Kuril Subduction Zone. Science, 2004, 306, 1918-1920.	12.6	138
62	Seventeenth-century uplift in eastern Hokkaido, Japan. Holocene, 2004, 14, 487-501.	1.7	51
63	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. Quaternary Science Reviews, 2004, 23, 2467-2483.	3.0	53
64	Asynchronous Climate Changes in the North Atlantic and Japan During the Last Termination. Science, 2003, 299, 688-691.	12.6	183
65	Evidence for 17th-century tsunamis generated on the Kurilâ€“Kamchatka subduction zone, Lake Tokotan, Hokkaido, Japan. Journal of Asian Earth Sciences, 2002, 20, 903-911.	2.3	61
66	Fluctuations in relative sea-level during the past 3000 yr in the Onnetoh estuary, Hokkaido, northern Japan. Journal of Quaternary Science, 2002, 17, 607-622.	2.1	48
67	Distribution of living and dead diatoms in tidal wetlands of northern Japan: relations to taphonomy. Palaeogeography, Palaeoclimatology, Palaeoecology, 2001, 173, 125-141.	2.3	64
68	Episodic Emergence in the Past 3000 Years at the Akkeshi Estuary, Hokkaido, Northern Japan. Quaternary Research, 2001, 56, 231-241.	1.7	43
69	Marine Transgressions and Regressions over the Last 3,000 Years in Akkeshi Moor, Hokkaido, Northern Japan.. The Quaternary Research, 1998, 37, 1-12.	0.1	9