Kenji Satake

List of Publications by Year
in descending order

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278	13,914	25034	27406
papers	citations	57	106
		h-index	g-index

297	297	297	4875
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Great Sumatra-Andaman Earthquake of 26 December 2004. Science, 2005, 308, 1127-1133.	12.6	981
2	Tsunami source of the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 815-820.	2.5	460
3	Tsunami generation by horizontal displacement of ocean bottom. Geophysical Research Letters, 1996, 23, 861-864.	4.0	456
4	Time and Space Distribution of Coseismic Slip of the 2011 Tohoku Earthquake as Inferred from Tsunami Waveform Data. Bulletin of the Seismological Society of America, 2013, 103, 1473-1492.	2.3	436
5	Unusually large earthquakes inferred from tsunami deposits along the Kuril trench. Nature, 2003, 424, 660-663.	27.8	426
6	Time and size of a giant earthquake in Cascadia inferred from Japanese tsunami records of January 1700. Nature, 1996, 379, 246-249.	27.8	395
7	Sedimentary differences between the 1993 Hokkaido-nansei-oki tsunami and the 1959 Miyakojima typhoon at Taisei, southwestern Hokkaido, northern Japan. Sedimentary Geology, 2000, 135, 255-264.	2.1	261
8	Fault slip and seismic moment of the 1700 Cascadia earthquake inferred from Japanese tsunami descriptions. Journal of Geophysical Research, 2003, 108, .	3.3	254
9	Tsunami Source of the 2004 Sumatra-Andaman Earthquake Inferred from Tide Gauge and Satellite Data. Bulletin of the Seismological Society of America, 2007, 97, S192-S207.	2.3	237
10	A unified source model for the 2011 Tohoku earthquake. Earth and Planetary Science Letters, 2011, 310, 480-487.	4.4	232
11	Linear and nonlinear computations of the 1992 Nicaragua earthquake tsunami. Pure and Applied Geophysics, 1995, 144, 455-470.	1.9	218
12	Long-Term Perspectives on Giant Earthquakes and Tsunamis at Subduction Zones. Annual Review of Earth and Planetary Sciences, 2007, 35, 349-374.	11.0	216
13	Fault parameters of the 1896 Sanriku Tsunami Earthquake estimated from Tsunami Numerical Modeling. Geophysical Research Letters, 1996, 23, 1549-1552.	4.0	205
14	Challenges of anticipating the 2011 Tohoku earthquake and tsunami using coastal geology. Geophysical Research Letters, 2012, 39, .	4.0	202
15	Sources of Tsunami and Tsunamigenic Earthquakes in Subduction Zones. Pure and Applied Geophysics, 1999, 154, 467-483.	1.9	182
16	The 1964 Prince William Sound earthquake: Joint inversion of tsunami and geodetic data. Journal of Geophysical Research, 1996, 101, 523-532.	3.3	176
17	Mechanism of the 1992 Nicaragua Tsunami Earthquake. Geophysical Research Letters, 1994, 21, 2519-2522.	4.0	161
18	Depth distribution of coseismic slip along the Nankai Trough, Japan, from joint inversion of geodetic and tsunami data. Journal of Geophysical Research, 1993, 98, 4553-4565.	3.3	156

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19	Joint inversion of strong motion, teleseismic, geodetic, and tsunami datasets for the rupture process of the 2011 Tohoku earthquake. Geophysical Research Letters, 2011, 38, n/a-n/a.	4.0	154
20	Inversion of tsunami waveforms for the estimation of a fault heterogeneity: Method and numerical experiments.. Journal of Physics of the Earth, 1987, 35, 241-254.	1.4	147
21	Traveltime delay and initial phase reversal of distant tsunamis coupled with the selfâ€gravitating elastic Earth. Journal of Geophysical Research: Solid Earth, 2014, 119, 4287-4310.	3.4	140
22	Transient Uplift After a 17th-Century Earthquake Along the Kuril Subduction Zone. Science, 2004, 306, 1918-1920.	12.6	138
23	Detailed coseismic slip distribution of the 1944 Tonankai Earthquake estimated from tsunami waveforms. Geophysical Research Letters, 2001, 28, 1075-1078.	4.0	137
24	Logic-tree Approach for Probabilistic Tsunami Hazard Analysis and its Applications to the Japanese Coasts. Pure and Applied Geophysics, 2007, 164, 577-592.	1.9	135
25	Inversion of tsunami waveforms for the estimation of heterogeneous fault motion of large submarine earthquakes: The 1968 Tokachiâ€oki and 1983 Japan Sea earthquakes. Journal of Geophysical Research, 1989, 94, 5627-5636.	3.3	130
26	Sediment slump likely caused 1998 Papua New Guinea tsunami. Eos, 1999, 80, 329.	0.1	124
27	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
28	Fault slip distribution of the 2014 Iquique, Chile, earthquake estimated from oceanâ€wide tsunami waveforms and GPS data. Geophysical Research Letters, 2015, 42, 1053-1060.	4.0	121
29	Scaling relations of seismic moment, rupture area, average slip, and asperity size for M~9 subductionâ€zone earthquakes. Geophysical Research Letters, 2013, 40, 5070-5074.	4.0	114
30	What controls the lateral variation of large earthquake occurrence along the Japan Trench?. Island Arc, 1997, 6, 261-266.	1.1	112
31	Source model of the 16 September 2015 Illapel, Chile, M_w 8.4 earthquake based on teleseismic and tsunami data. Geophysical Research Letters, 2016, 43, 643-650.	4.0	111
32	The Cape Mendocino, California, Earthquakes of April 1992: Subduction at the Triple Junction. Science, 1993, 261, 433-438.	12.6	110
33	Estimation of seismic moment and slip distribution of the April 1, 1946, Aleutian tsunami earthquake. Journal of Geophysical Research, 1997, 102, 11765-11774.	3.3	110
34	Aperiodic recurrence of geologically recorded tsunamis during the past 5500 years in eastern Hokkaido, Japan. Journal of Geophysical Research, 2009, 114, .	3.3	110
35	Effects of bathymetry on tsunami propagation: Application of ray tracing to tsunamis. Pure and Applied Geophysics, 1988, 126, 27-36.	1.9	107
36	Reexamination of the A.D. 869 Jogan earthquake size from tsunami deposit distribution, simulated flow depth, and velocity. Geophysical Research Letters, 2014, 41, 2297-2303.	4.0	99

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37	Slip Distribution and Seismic Moment of the 2010 and 1960 Chilean Earthquakes Inferred from Tsunami Waveforms and Coastal Geodetic Data. Pure and Applied Geophysics, 2013, 170, 1493-1509.	1.9	94
38	Geological and historical evidence of irregular recurrent earthquakes in Japan. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140375.	3.4	94
39	Tsunami Source of the 2010 Mentawai, Indonesia Earthquake Inferred from Tsunami Field Survey and Waveform Modeling. Pure and Applied Geophysics, 2013, 170, 1567-1582.	1.9	90
40	Rupture process of the 2004 great Sumatra-Andaman earthquake estimated from tsunami waveforms. Earth, Planets and Space, 2006, 58, 203-209.	2.5	89
41	Generation mechanism of tsunamis from the 1883 Krakatau Eruption. Geophysical Research Letters, 1995, 22, 509-512.	4.0	87
42	Coseismic slip distribution of the 1946 Nankai earthquake and aseismic slips caused by the earthquake. Earth, Planets and Space, 2001, 53, 235-241.	2.5	87
43	The 1957 great Aleutian earthquake. Pure and Applied Geophysics, 1994, 142, 3-28.	1.9	85
44	Source of the July 2006 West Java tsunami estimated from tide gauge records. Geophysical Research Letters, 2006, 33, .	4.0	84
45	The 2004 Indian Ocean tsunami: Tsunami source model from satellite altimetry. Earth, Planets and Space, 2006, 58, 195-201.	2.5	76
46	Edge wave and non-trapped modes of the 25 april 1992 Cape Mendocino tsunami. Pure and Applied Geophysics, 1995, 144, 409-426.	1.9	75
47	Tsunami field survey of the 1992 Nicaragua earthquake. Eos, 1993, 74, 145-157.	0.1	74
48	The mechanism of the 1983 Japan Sea earthquake as inferred from long-period surface waves and tsunamis. Physics of the Earth and Planetary Interiors, 1985, 37, 249-260.	1.9	73
49	The 1741 Oshima-Oshima Eruption: Extent and volume of submarine debris avalanche. Geophysical Research Letters, 2001, 28, 427-430.	4.0	73
50	Tsunami Sources of the November 2006 and January 2007 Great Kuril Earthquakes. Bulletin of the Seismological Society of America, 2008, 98, 1559-1571.	2.3	72
51	Slip distribution of the 1952 Tokachi-Oki earthquake (M8.1) along the Kuril Trench deduced from tsunami waveform inversion. Journal of Geophysical Research, 2003, 108, .	3.3	71
52	Total analysis of the 1993 Hokkaido Nansei-Oki Earthquake using seismic wave, tsunami, and geodetic data. Geophysical Research Letters, 1995, 22, 9-12.	4.0	69
53	Source complexity of the 1988 Armenian Earthquake: Evidence for a slow afterâ€slip event. Journal of Geophysical Research, 1993, 98, 15797-15808.	3.3	67
54	Tsunami waveform inversion including dispersive waves: the 2004 earthquake off Kii Peninsula, Japan. Journal of Geophysical Research, 2010, 115, .	3.3	66

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55	Evaluation of tsunami impacts on shallow marine sediments: An example from the tsunami caused by the 2003 Tokachi-oki earthquake, northern Japan. Sedimentary Geology, 2007, 200, 314-327.	2.1	65
56	The great Kurile Earthquake of October 4, 1994 tore the slab. Geophysical Research Letters, 1995, 22, 1661-1664.	4.0	62
57	Tsunami data assimilation of Cascadia seafloor pressure gauge records from the 2012 Haida Gwaii earthquake. Geophysical Research Letters, 2016, 43, 4189-4196.	4.0	61
58	The July 1998 Papua New Guinea Earthquake: Mechanism and Quantification of Unusual Tsunami Generation. Pure and Applied Geophysics, 2003, 160, 2087-2118.	1.9	59
59	Advances in earthquake and tsunami sciences and disaster risk reduction since the 2004 Indian ocean tsunami. Geoscience Letters, 2014, 1, .	3.3	59
60	Possible sources of the tsunami observed in the northwestern Indian Ocean following the 2013 September 24 Mw 7.7 Pakistan inland earthquake. Geophysical Journal International, 2014, 199, 752-766.	2.4	59
61	Rupture extent of the 1938 Alaskan earthquake as inferred from tsunami waveforms. Geophysical Research Letters, 1994, 21, 733-736.	4.0	58
62	Fault models of unusual tsunami in the 17th century along the Kuril trench. Earth, Planets and Space, 2008, 60, 925-935.	2.5	58
63	New Insights into the Source of the Makran Tsunami of 27 November 1945 from Tsunami Waveforms and Coastal Deformation Data. Pure and Applied Geophysics, 2015, 172, 621-640.	1.9	58
64	The 22 December 2018 tsunami from flank collapse of Anak Krakatau volcano during eruption. Science Advances, 2020, 6, eaaz1377.	10.3	58
65	Waveform and Spectral Analyses of the 2011 Japan Tsunami Records on Tide Gauge and DART Stations Across the Pacific Ocean. Pure and Applied Geophysics, 2013, 170, 1275-1293.	1.9	57
66	The Sanriku-Oki, Japan, Earthquake of December 28, 1994 (Mw7.7): Rupture of a different asperity from a previous earthquake. Geophysical Research Letters, 1996, 23, 1465-1468.	4.0	56
67	Tide gauge response to tsunamis: Measurements at 40 tide gauge stations in Japan. Journal of Marine Research, 1988, 46, 557-571.	0.3	55
68	Historical tsunami and storm deposits during the last five centuries on the Sanriku coast, Japan. Marine Geology, 2015, 367, 105-117.	2.1	55
69	Tsunami source of the 2004 off the Kii Peninsula earthquakes inferred from offshore tsunami and coastal tide gauges. Earth, Planets and Space, 2005, 57, 173-178.	2.5	54
70	28 Tsunamis. International Geophysics, 2002, 81, 437-451.	0.6	53
71	Volcanic origin of the 1741 Oshima-Oshima tsunami in the Japan Sea. Earth, Planets and Space, 2007, 59, 381-390.	2.5	53
72	Source estimate and tsunami forecast from farâ€field deepâ€ocean tsunami waveformsâ€”The 27 February 2010 M_w 8.8 Maule earthquake. Geophysical Research Letters, 2016, 43, 659-665.	4.0	52

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73	A fault model for the Niigata, Japan, earthquake of June 16, 1964.. Journal of Physics of the Earth, 1983, 31, 217-223.	1.4	51
74	Seventeenth-century uplift in eastern Hokkaido, Japan. Holocene, 2004, 14, 487-501.	1.7	51
75	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
76	History and features of trans-oceanic tsunamis and implications for paleo-tsunami studies. Earth-Science Reviews, 2020, 202, 103112.	9.1	51
77	The potential hazard from tsunami and Seiche waves generated by large earthquakes within Lake Tahoe, California-Nevada. Geophysical Research Letters, 2000, 27, 1203-1206.	4.0	48
78	Change in seismicity beneath the Tokyo metropolitan area due to the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 731-735.	2.5	48
79	Abnormal tsunamis caused by the June 13, 1984, Torishima, Japan, earthquake. Journal of Geophysical Research, 1991, 96, 19933-19939.	3.3	46
80	Mechanism of the 1975 Kalapana, Hawaii, earthquake inferred from tsunami data. Journal of Geophysical Research, 1999, 104, 13153-13167.	3.3	45
81	Use of tsunami waveforms for earthquake source study. Natural Hazards, 1991, 4, 193-208.	3.4	43
82	Asperity Distribution of the 1952 Great Kamchatka Earthquake and its Relation to Future Earthquake Potential in Kamchatka. Pure and Applied Geophysics, 1999, 154, 541-553.	1.9	43
83	Source parameters of the 1957 Aleutian Earthquake from tsunami waveforms. Geophysical Research Letters, 1993, 20, 1487-1490.	4.0	42
84	A Review of Source Models of the 2015 Illapel, Chile Earthquake and Insights from Tsunami Data. Pure and Applied Geophysics, 2017, 174, 1-9.	1.9	42
85	Broadband study of the 1989 Loma Prieta Earthquake. Geophysical Research Letters, 1990, 17, 1179-1182.	4.0	40
86	Tsunami generation of the 1993 Hokkaido Nansei-Oki earthquake. Pure and Applied Geophysics, 1995, 144, 803-821.	1.9	40
87	Re-examination of the 1940 Shakotan-oki earthquake and the fault parameters of the earthquakes along the eastern margin of the Japan Sea. Physics of the Earth and Planetary Interiors, 1986, 43, 137-147.	1.9	39
88	Tsunami signals from the 2006 and 2007 Kuril earthquakes detected at a seafloor geomagnetic observatory. Journal of Geophysical Research, 2011, 116, .	3.3	39
89	Excitation of Basin-Wide Modes of the Pacific Ocean Following the March 2011 Tohoku Tsunami. Pure and Applied Geophysics, 2014, 171, 3405-3419.	1.9	39
90	A Combined Earthquakeâ€“Landslide Source Model for the Tsunami from the 27 November 1945M_wÂ8.1 Makran Earthquake. Bulletin of the Seismological Society of America, 2017, 107, 1033-1040.	2.3	39

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91	Polymorphisms of thymidine kinase gene in herpes simplex virus type 1: Analysis of clinical isolates from herpetic keratitis patients and laboratory strains. , 1998, 56, 151-158.		38
92	Geological evidence of recurrent great Kanto earthquakes at the Miura Peninsula, Japan. Journal of Geophysical Research, 2011, 116, .	3.3	38
93	Green's Functionâ€Based Tsunami Data Assimilation: A Fast Data Assimilation Approach Toward Tsunami Early Warning. Geophysical Research Letters, 2017, 44, 10,282.	4.0	37
94	Source Estimate for the 1960 Chile Earthquake From Joint Inversion of Geodetic and Transoceanic Tsunami Data. Journal of Geophysical Research: Solid Earth, 2019, 124, 2812-2828.	3.4	37
95	Three-dimensional attenuation (Qs) structure beneath the Kanto district, Japan, as inferred from strong motion records. Geophysical Research Letters, 2006, 33, .	4.0	36
96	Modeling the seismic source and tsunami generation of the December 12, 1992 Flores Island, Indonesia, earthquake. Pure and Applied Geophysics, 1995, 144, 537-554.	1.9	35
97	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
98	The 21 May 2003 Tsunami in the Western Mediterranean Sea: Statistical and Wavelet Analyses. Pure and Applied Geophysics, 2013, 170, 1449-1462.	1.9	35
99	Linear and Nonlinear Computations of the 1992 Nicaragua Earthquake Tsunami. , 1995, , 455-470.		35
100	Correlation between Coulomb stress imparted by the 2011 Tohoku-Oki earthquake and seismicity rate change in Kanto, Japan. Geophysical Journal International, 2015, 201, 112-134.	2.4	34
101	Deep-Water Characteristics of the Trans-Pacific Tsunami from the 1 April 2014 M w 8.2 Iquique, Chile Earthquake. Pure and Applied Geophysics, 2015, 172, 719-730.	1.9	34
102	Tsunami and its Hazard in the Indian and Pacific Oceans: Introduction. Pure and Applied Geophysics, 2007, 164, 249-259.	1.9	33
103	Tsunami Heights along the Pacific Coast of Northern Honshu Recorded from the 2011 Tohoku and Previous Great Earthquakes. Pure and Applied Geophysics, 2014, 171, 3183-3215.	1.9	33
104	Comparative study of two tsunamigenic earthquakes in the Solomon Islands: 2015 M_wâ€‰7.0 normalâ€fault and 2013 Santa Cruz M_wâ€‰8.0 megathrust earthquakes. Geophysical Research Letters, 2016, 43, 4340-4349.	4.0	33
105	Fault Slip Distribution of the 2016 Fukushima Earthquake Estimated from Tsunami Waveforms. Pure and Applied Geophysics, 2017, 174, 2925-2943.	1.9	33
106	Optimum Sea Surface Displacement and Fault Slip Distribution of the 2017 Tehuantepec Earthquake (M) Tj ETQq0 0 0 rgBT /Overlock 1	4.0	33
107	Correlation between Coulomb stress changes imparted by large historical strike-slip earthquakes and current seismicity in Japan. Earth, Planets and Space, 2011, 63, 301-314.	2.5	32
108	Source properties of the 1998 July 17 Papua New Guinea tsunami based on tide gauge records. Geophysical Journal International, 2015, 202, 361-369.	2.4	31

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109	The tsunami source area of the 2003 Tokachi-oki earthquake estimated from tsunami travel times and its relationship to the 1952 Tokachi-oki earthquake. Earth, Planets and Space, 2004, 56, 367-372.	2.5	30
110	Tsunami from the Mariana Earthquake of April 5, 1990: Its abnormal propagation and implications for tsunami potential from outerâ€rise earthquakes. Geophysical Research Letters, 1992, 19, 301-304.	4.0	29
111	Tsunamis from strike-slip earthquakes in the Wharton Basin, northeast Indian Ocean: March 2016Mw7.8 event and its relationship with the April 2012Mw 8.6 event. Geophysical Journal International, 2017, 211, 1601-1612.	2.4	29
112	Preliminary Observations and Impact in Japan of the Tsunami Caused by the Tonga Volcanic Eruption on January 15, 2022. Pure and Applied Geophysics, 2022, 179, 1549-1560.	1.9	29
113	The large normalâ€faulting Mariana Earthquake of April 5, 1990 in uncoupled subduction zone. Geophysical Research Letters, 1992, 19, 297-300.	4.0	28
114	Coseismic and postseismic creep in the Andaman Islands associated with the 2004 Sumatra-Andaman earthquake. Geophysical Research Letters, 2007, 34, .	4.0	28
115	GEOLOGIC EVIDENCE FOR THREE GREAT EARTHQUAKES IN THE PAST 3400 YEARS OFF MYANMAR. Journal of Earthquake and Tsunami, 2008, 02, 259-265.	1.3	28
116	Regional probabilistic tsunami hazard assessment associated with active faults along the eastern margin of the Sea of Japan. Earth, Planets and Space, 2020, 72, .	2.5	28
117	Fault parameters and tsunami excitation of the May 23, 1989, MacQuarie Ridge Earthquake. Geophysical Research Letters, 1990, 17, 997-1000.	4.0	27
118	The origin of the tsunami excited by the 1989 Loma Prieta Earthquake â€"Faulting or slumping?. Geophysical Research Letters, 1991, 18, 637-640.	4.0	27
119	Re-estimation of tsunami source of the 1952 Tokachi-oki earthquake. Earth, Planets and Space, 2006, 58, 535-542.	2.5	27
120	A Tsunami Warning System Based on Offshore Bottom Pressure Gauges and Data Assimilation for Crete Island in the Eastern Mediterranean Basin. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB020293.	3.4	27
121	Fault size and depth extent of the Ecuador earthquake (M_w 7.8) of 16 April 2016 from teleseismic and tsunami data. Geophysical Research Letters, 2017, 44, 2211-2219.	4.0	26
122	Ray Tracing for Dispersive Tsunamis and Source Amplitude Estimation Based on Greenâ€™s Law: Application to the 2015 Volcanic Tsunami Earthquake Near Torishima, South of Japan. Pure and Applied Geophysics, 2018, 175, 1371-1385.	1.9	26
123	Three-dimensional attenuation structure beneath North Island, New Zealand. Tectonophysics, 1989, 159, 181-194.	2.2	25
124	Recurrence of postseismic coastal uplift, Kuril subduction zone, Japan. Geophysical Research Letters, 2006, 33, .	4.0	25
125	Improved Phase Corrections for Transoceanic Tsunami Data in Spatial and Temporal Source Estimation: Application to the 2011 Tohoku Earthquake. Journal of Geophysical Research: Solid Earth, 2017, 122, 10,155.	3.4	25
126	Mechanism of the 2015 volcanic tsunami earthquake near Torishima, Japan. Science Advances, 2018, 4, eaao0219.	10.3	25

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127	Three-dimensional reconstruction and Tsunami model of the Nuuanu and Wailau giant landslides, Hawaii. Geophysical Monograph Series, 2002, , 333-346.	0.1	24
128	Optimal Design for Placements of Tsunami Observing Systems to Accurately Characterize the Inducing Earthquake. Geophysical Research Letters, 2017, 44, 12,106.	4.0	24
129	Possible Dual Earthquakeâ€“Landslide Source of the 13 November 2016 Kaikoura, New Zealand Tsunami. Pure and Applied Geophysics, 2017, 174, 3737-3749.	1.9	24
130	Prediction of ground motion in the Osaka sedimentary basin associated with the hypothetical Nankai earthquake. Journal of Seismology, 2008, 12, 185-195.	1.3	23
131	Source depth dependence of micro-tsunamis recorded with ocean-bottom pressure gauges: the January 28, 2000 Mw 6.8 earthquake off Nemuro Peninsula, Japan. Earth and Planetary Science Letters, 2003, 208, 305-318.	4.4	22
132	Paleoseismology of deep-sea faults based on marine surveys of northern Okushiri ridge in the Japan Sea. Journal of Geophysical Research, 2005, 110, .	3.3	22
133	Loading and Gravitational Effects of the 2004 Indian Ocean Tsunami at Syowa Station, Antarctica. Bulletin of the Seismological Society of America, 2007, 97, S271-S278.	2.3	22
134	Introduction to â€œTsunami Science Four Years After the 2004 Indian Ocean Tsunami, Part II: Observation and Data Analysisâ€• Pure and Applied Geophysics, 2009, 166, 1-7.	1.9	22
135	Comparison of seismicity declustering methods using a probabilistic measure of clustering. Journal of Seismology, 2013, 17, 1041-1061.	1.3	22
136	Different depths of near-trench slips of the 1896 Sanriku and 2011 Tohoku earthquakes. Geoscience Letters, 2017, 4, .	3.3	22
137	An Adjoint Sensitivity Method Applied to Time Reverse Imaging of Tsunami Source for the 2009 Samoa Earthquake. Geophysical Research Letters, 2018, 45, 627-636.	4.0	22
138	Introduction to the Special Issue on the 2004 Sumatra-Andaman Earthquake and the Indian Ocean Tsunami. Bulletin of the Seismological Society of America, 2007, 97, S1-S5.	2.3	21
139	Occurrence of 1Âka-old corals on an uplifted reef terrace in west Luzon, Philippines: Implications for a prehistoric extreme wave event in the South China Sea region. Geoscience Letters, 2017, 4, .	3.3	21
140	Real-Time Tsunami Data Assimilation of S-Net Pressure Gauge Records during the 2016 Fukushima Earthquake. Seismological Research Letters, 2021, 92, 2145-2155.	1.9	21
141	Variability Among Tsunami Sources in the 17thâ€“21st Centuries Along the Soutehrn Kuril Trench. , 2005, , 157-170.		20
142	Rupture process of the 2016 Wharton Basin strikeâ€slip faulting earthquake estimated from joint inversion of teleseismic and tsunami waveforms. Geophysical Research Letters, 2017, 44, 4082-4089.	4.0	20
143	Tsunami Data Assimilation of Cabled Ocean Bottom Pressure Records for the 2015 Torishima Volcanic Tsunami Earthquake. Journal of Geophysical Research: Solid Earth, 2019, 124, 10413-10422.	3.4	20
144	Review on Recent Progress in Near-Field Tsunami Forecasting Using Offshore Tsunami Measurements: Source Inversion and Data Assimilation. Pure and Applied Geophysics, 2021, 178, 5109-5128.	1.9	20

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145	Tsunami waveform inversion of the 2007 Bengkulu, southern Sumatra, earthquake. Earth, Planets and Space, 2008, 60, 993-998.	2.5	19
146	Amplification of tsunami heights by delayed rupture of great earthquakes along the Nankai trough. Earth, Planets and Space, 2010, 62, 427-432.	2.5	19
147	Array Observations of the 2012 Haida Gwaii Tsunami Using Cascadia Initiative Absolute and Differential Seafloor Pressure Gauges. Seismological Research Letters, 2015, 86, 1278-1286.	1.9	19
148	Stratigraphic evidence for earthquakes and tsunamis on the west coast of South Andaman Island, India during the past 1000years. Tectonophysics, 2015, 661, 49-65.	2.2	19
149	Estimate of tsunami source using optimized unit sources and including dispersion effects during tsunami propagation: The 2012 Haida Gwaii earthquake. Geophysical Research Letters, 2016, 43, 9819-9828.	4.0	19
150	Pre-computed tsunami inundation database and forecast simulation in Pelabuhan Ratu, Indonesia. Pure and Applied Geophysics, 2017, 174, 3219-3235.	1.9	19
151	Alternative to non-linear model for simulating tsunami inundation in real-time. Geophysical Journal International, 2018, 214, 2002-2013.	2.4	19
152	Tsunami Data Assimilation Without a Dense Observation Network. Geophysical Research Letters, 2019, 46, 2045-2053.	4.0	19
153	Potential deployment of offshore bottom pressure gauges and adoption of data assimilation for tsunami warning system in the western Mediterranean Sea. Geoscience Letters, 2019, 6, .	3.3	19
154	Sudden changes in the amplitudeâ€frequency distribution of longâ€period tremors at Aso volcano, southwest Japan. Geophysical Research Letters, 2015, 42, 10,256.	4.0	18
155	Tsunami Forerunner of the 2011 Tohoku Earthquake Observed in the Sea of Japan. Pure and Applied Geophysics, 2015, 172, 683-697.	1.9	18
156	Contribution from Multiple Fault Ruptures to Tsunami Generation During the 2016 Kaikoura Earthquake. Pure and Applied Geophysics, 2018, 175, 2557-2574.	1.9	18
157	An Optimized Array Configuration of Tsunami Observation Network Off Southern Java, Indonesia. Journal of Geophysical Research: Solid Earth, 2019, 124, 9622-9637.	3.4	18
158	Tsunami Resonance Characterization in Japan Due to Transâ€Pacific Sources: Response on the Bay and Continental Shelf. Journal of Geophysical Research: Oceans, 2021, 126, e2020JC017037.	2.6	18
159	Review: Source Models of the 2011 Tohoku Earthquake and Long-Term Forecast of Large Earthquakes. Journal of Disaster Research, 2014, 9, 272-280.	0.7	18
160	Free oscillation of the Japan Sea excited by earthquakes–II. Modal approach and synthetic tsunamis. Geophysical Journal International, 1988, 93, 457-463.	2.4	17
161	Introduction to â€œTsunamis in the World Ocean: Past, Present, and Future. Volume IIâ€• Pure and Applied Geophysics, 2011, 168, 1913-1917.	1.9	17
162	A deep outerâ€rise reverseâ€fault earthquake immediately triggered a shallow normalâ€fault earthquake: The 7 December 2012 offâ€Sanriku earthquake (M_W 7.3). Geophysical Research Letters, 2013, 40, 4214-4219.	4.0	17

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163	The El Salvador and Philippines Tsunamis of August 2012: Insights from Sea Level Data Analysis and Numerical Modeling. Pure and Applied Geophysics, 2014, 171, 3437-3455.	1.9	17
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