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	Tsunamis, Inverse Problem of. , 2022, , 71-89.		0
2	Effects of Depth of Fault Slip and Continental Shelf Geometry on the Generation of Anomalously Longâ€Period Tsunami by the July 2020 Mw 7.8 Shumagin (Alaska) Earthquake. Geophysical Research Letters, 2022, 49, .	4.0	10
3	Effects of uncertainty in fault parameters on deterministic tsunami hazard assessment: examples for active faults along the eastern margin of the Sea of Japan. Earth, Planets and Space, 2022, 74, .	2.5	10
4	Origin Time of the 1854 Tokai Earthquake Recorded in the Logbook of the Russian Frigate Diana. Journal of Disaster Research, 2022, 17, 409-419.	0.7	5
5	Characteristics of two tsunamis generated by successive <i>M</i>_wâ€‰7.4 and <i>M</i>_wâ€‰8.1 earthquakes in the Kermadec Islands on 4ÂMarchÂ2021. Natural Hazards and Earth System Sciences, 2022, 22, 1073-1082.	3.6	12
6	Reexamination of tsunami source models for the twentieth century earthquakes off Hokkaido and Tohoku along the eastern margin of the Sea of Japan. Earth, Planets and Space, 2022, 74, .	2.5	5
7	Sensitivity of Tsunami Data to the Up-Dip Extent of the July 2021 MwÂ8.2 Alaska Earthquake. Seismological Research Letters, 2022, 93, 1992-2003.	1.9	8
8	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
9	Synthetic analysis of the efficacy of the S-net system in tsunami forecasting. Earth, Planets and Space, 2021, 73, .	2.5	10
10	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
11	Phase delay of short-period tsunamis in the density-stratified compressible ocean over the elastic Earth. Geophysical Journal International, 2021, 226, 1975-1985.	2.4	6
12	Tsunami Induced by the Strikeâ€Slip Fault of the 2018 Palu Earthquake (M_w = 7.5), Sulawesi Island, Indonesia. Earth and Space Science, 2021, 8, e2020EA001400.	2.6	5
13	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
14	Moment Tensors of Ringâ€Faulting at Active Volcanoes: Insights Into Verticalâ€CLVD Earthquakes at the Sierra Negra Caldera, GalÃ¡pagos Islands. Journal of Geophysical Research: Solid Earth, 2021, 126, e2021JB021693.	3.4	14
15	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
16	Re-examination of Slip Distribution of the 2004 Sumatraâ€“Andaman Earthquake (Mw 9.2) by the Inversion of Tsunami Data Using Greenâ€™s Functions Corrected for Compressible Seawater Over the Elastic Earth. Pure and Applied Geophysics, 2021, 178, 4777-4796.	1.9	8
17	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
18	Slip distribution of the 2005 Nias earthquake (Mw 8.6) inferred from geodetic and far-field tsunami data. Geophysical Journal International, 2020, 223, 1162-1171.	2.4	7

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19	Reduction effect of tsunami sediment transport by a coastal forest: Numerical simulation of the 2011 Tohoku tsunami on the Sendai Plain, Japan. Sedimentary Geology, 2020, 407, 105740.	2.1	5
20	A Method of Real-Time Tsunami Detection Using Ensemble Empirical Mode Decomposition. Seismological Research Letters, 2020, 91, 2851-2861.	1.9	12
21	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
22	Applying a Deep Learning Algorithm to Tsunami Inundation Database of Megathrust Earthquakes. Journal of Geophysical Research: Solid Earth, 2020, 125, e2020JB019690.	3.4	12
23	Toward Homogeneous Estimation of Long-Term Seismicity from Historical Materials: Number of Felt Earthquakes in Tokyo since 1668. Seismological Research Letters, 2020, 91, 2601-2610.	1.9	3
24	A Database of Digitized and Analog Seismograms of Historical Earthquakes in Japan. Seismological Research Letters, 2020, 91, 1459-1468.	1.9	4
25	Developments of Tsunami Observing Systems in Japan. Frontiers in Earth Science, 2020, 8, .	1.8	17
26	Simulation of the 2018 Tsunami Due to the Flank Failure of Anak Krakatau Volcano and Implication for Future Observing Systems. Geophysical Research Letters, 2020, 47, e2020GL087334.	4.0	16
27	A Multi-fault Model Estimation from Tsunami Data: An Application to the 2018 M7.9 Kodiak Earthquake. Pure and Applied Geophysics, 2020, 177, 1335-1346.	1.9	3
28	Sea surface network optimization for tsunami forecasting in the near field: application to the 2015 Illapel earthquake. Geophysical Journal International, 2020, 221, 1640-1650.	2.4	8
29	The 22 December 2018 tsunami from flank collapse of Anak Krakatau volcano during eruption. Science Advances, 2020, 6, eaaz1377.	10.3	58
30	Analog Seismogram Archives at the Earthquake Research Institute, the University of Tokyo. Seismological Research Letters, 2020, 91, 1384-1393.	1.9	9
31	History and features of trans-oceanic tsunamis and implications for paleo-tsunami studies. Earth-Science Reviews, 2020, 202, 103112.	9.1	51
32	Research for Contributing to the Field of Disaster Science: A Review. Journal of Disaster Research, 2020, 15, 152-164.	0.7	2
33	Earthquake Disasters and Government Committees. Advances in Geological Science, 2020, , 119-131.	0.1	0
34	Tsunami Science and Disaster Prevention. Advances in Geological Science, 2020, , 133-144.	0.1	0
35	Far-field tsunami data assimilation for the 2015 Illapel earthquake. Geophysical Journal International, 2019, 219, 514-521.	2.4	14
36	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

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37	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
38	Tsunami history over the past 2000 years on the Sanriku coast, Japan, determined using gravel deposits to estimate tsunami inundation behavior. Sedimentary Geology, 2019, 382, 85-102.	2.1	17
39	Tsunami Data Assimilation Without a Dense Observation Network. Geophysical Research Letters, 2019, 46, 2045-2053.	4.0	19
40	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
41	Improving Forecast Accuracy With Tsunami Data Assimilation: The 2009 Dusky Sound, New Zealand, Tsunami. Journal of Geophysical Research: Solid Earth, 2019, 124, 566-577.	3.4	15
42	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
43	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. Pageoph Topical Volumes, 2019, , 141-155.	0.2	0
44	Tsunamis, Inverse Problem of. , 2019, , 1-19.		0
45	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
46	Mechanism of the 2015 volcanic tsunami earthquake near Torishima, Japan. Science Advances, 2018, 4, eaao0219.	10.3	25
47	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
48	Optimum Sea Surface Displacement and Fault Slip Distribution of the 2017 Tehuantepec Earthquake (M) Tj ETQq0 0 0 rgBT /Overlock 1	4.0	33
49	Data assimilation with dispersive tsunami model: a test for the Nankai Trough. Earth, Planets and Space, 2018, 70, .	2.5	16
50	Adaptive Tsunami Source Inversion Using Optimizations and the Reciprocity Principle. Journal of Geophysical Research: Solid Earth, 2018, 123, 10,749.	3.4	9
51	Constraining the Dip of Shallow, Shallowly Dipping Thrust Events Using Longâ€Period Love Wave Radiation Patterns: Applications to the 25 October 2010 Mentawai, Indonesia, and 4 May 2018 Hawaii Island Earthquakes. Geophysical Research Letters, 2018, 45, 10,342.	4.0	17
52	Alternative to non-linear model for simulating tsunami inundation in real-time. Geophysical Journal International, 2018, 214, 2002-2013.	2.4	19
53	Synthesis and Source Characteristics of Tsunamis in the Sea of Japan Based on Normalâ€Mode Method. Journal of Geophysical Research: Solid Earth, 2018, 123, 5760-5773.	3.4	6
54	A comparative study of far-field tsunami amplitudes and ocean-wide propagation properties: insight from major trans-Pacific tsunamis of 2010â€“2015. Geophysical Journal International, 2018, 215, 22-36.	2.4	7

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55	Contribution from Multiple Fault Ruptures to Tsunami Generation During the 2016 Kaikoura Earthquake. Pure and Applied Geophysics, 2018, 175, 2557-2574.	1.9	18
56	Sediment transport modeling of multiple grain sizes for the 2011 Tohoku tsunami on a steep coastal valley of Numanohama, northeast Japan. Marine Geology, 2018, 405, 77-91.	2.1	14
57	Geological evidence of tsunamis in the past 3800â€¯years at a coastal lowland in the Central Fukushima Prefecture, Japan. Marine Geology, 2018, 404, 137-146.	2.1	17
58	Understanding Disaster Risk: The Role of Science and Technology. Journal of Disaster Research, 2018, 13, 1168-1176.	0.7	11
59	Role Played by Science and Technology in Disaster Risk Reduction: From Framework Planning to Implementation. Journal of Disaster Research, 2018, 13, 1222-1232.	0.7	4
60	Special Issue on Global Forum on Science and Technology for Disaster Resilience 2017. Journal of Disaster Research, 2018, 13, 1167-1167.	0.7	0
61	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
62	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
63	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
64	Effects of topography on particle composition of 2011 tsunami deposits on the ria-type Sanriku coast, Japan. Quaternary International, 2017, 456, 17-27.	1.5	12
65	Testing the Coulomb stress triggering hypothesis for three recent megathrust earthquakes. Geoscience Letters, 2017, 4, .	3.3	14
66	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
67	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
68	Tsunami Analysis Method with High-Fidelity Crustal Structure and Geometry Model. Journal of Earthquake and Tsunami, 2017, 11, 1750018.	1.3	2
69	Pre-computed tsunami inundation database and forecast simulation in Pelabuhan Ratu, Indonesia. Pure and Applied Geophysics, 2017, 174, 3219-3235.	1.9	19
70	Optimal Design for Placements of Tsunami Observing Systems to Accurately Characterize the Inducing Earthquake. Geophysical Research Letters, 2017, 44, 12,106.	4.0	24
71	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
72	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

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73	Different depths of near-trench slips of the 1896 Sanriku and 2011 Tohoku earthquakes. Geoscience Letters, 2017, 4, .	3.3	22
74	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
75	Complete Implementation of the Green's Function Based Time Reverse Imaging and Sensitivity Analysis of Reversed Time Tsunami Source Inversion. Geophysical Research Letters, 2017, 44, 9844-9855.	4.0	6
76	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
77	Fault Slip Distribution of the 2016 Fukushima Earthquake Estimated from Tsunami Waveforms. Pure and Applied Geophysics, 2017, 174, 2925-2943.	1.9	33
78	Introduction to thematic collection â€œHistorical and geological studies of earthquakesâ€. Geoscience Letters, 2017, 4, .	3.3	0
79	A Review of Source Models of the 2015 Illapel, Chile Earthquake and Insights from Tsunami Data. , 2017, , 1-9.		4
80	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
81	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
82	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
83	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
84	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
85	Tsunamis from the 29 March and 5 May 2015 Papua New Guinea earthquake doublet (M_w 7.5) and tsunamigenic potential of the New Britain trench. Geophysical Research Letters, 2015, 42, 5958-5965.	4.0	7
86	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
87	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
88	Tsunamis. , 2015, , 477-504.		15
89	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
90	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

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91	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
92	Tsunami Forerunner of the 2011 Tohoku Earthquake Observed in the Sea of Japan. Pure and Applied Geophysics, 2015, 172, 683-697.	1.9	18
93	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
94	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
95	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
96	Historical tsunami and storm deposits during the last five centuries on the Sanriku coast, Japan. Marine Geology, 2015, 367, 105-117.	2.1	55
97	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
98	Tsunamis, Inverse Problem of. , 2015, , 1-20.		0
99	The 2011 Tohoku, Japan, earthquake and tsunami. , 2014, , 310-321.		8
100	Advances in earthquake and tsunami sciences and disaster risk reduction since the 2004 Indian ocean tsunami. Geoscience Letters, 2014, 1, .	3.3	59
101	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
102	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
103	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
104	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
105	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
106	A Focal Mechanism Solution Catalog of Earthquakes (M>=2.0) in and around the Japanese Islands for 1985-1998. Bulletin of the Seismological Society of America, 2014, 104, 1031-1036.	2.3	4
107	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
108	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

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109	The 2011 Great East Japan Earthquake Disaster. International Perspectives in Geography, 2014, , 119-133.	0.2	1
110	Introduction to â€œHistorical and Recent Catastrophic Tsunamis in the World: Volume II. Tsunamis from 1755 to 2010â€• Pure and Applied Geophysics, 2013, 170, 1361-1367.	1.9	13
111	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
112	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
113	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
114	Introduction to â€œHistorical and Recent Catastrophic Tsunamis in the World: Volume I. The 2011 Tohoku Tsunamiâ€• Pure and Applied Geophysics, 2013, 170, 955-961.	1.9	16
115	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
116	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
117	Comparison of seismicity declustering methods using a probabilistic measure of clustering. Journal of Seismology, 2013, 17, 1041-1061.	1.3	22
118	Interevent times in a new alarm-based earthquake forecasting model. Geophysical Journal International, 2013, 194, 1823-1835.	2.4	10
119	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
120	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
121	Tohoku, Japan (2011 Earthquake and Tsunami). Encyclopedia of Earth Sciences Series, 2013, , 1015-1018.	0.1	0
122	Challenges of anticipating the 2011 Tohoku earthquake and tsunami using coastal geology. Geophysical Research Letters, 2012, 39, .	4.0	202
123	Tsunamis Generated by Submarine Landslides. , 2012, , 475-484.		13
124	Special Issue on Multi-disciplinary Hazard Reduction from Earthquakes and Volcanoes in Indonesia. Journal of Disaster Research, 2012, 7, 3-3.	0.7	2
125	Multi-Disciplinary Hazard Reduction from Earthquakes and Volcanoes in Indonesia. Journal of Disaster Research, 2012, 7, 4-11.	0.7	2
126	Advances in Geosciences. , 2012, , .		0

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127	Advances in Geosciences. , 2012, , .		0
128	Advances in Geosciences. , 2012, , .		0
129	Advances in Geosciences. , 2012, , .		1
130	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
131	Geological evidence of recurrent great Kanto earthquakes at the Miura Peninsula, Japan. Journal of Geophysical Research, 2011, 116, .	3.3	38
132	A unified source model for the 2011 Tohoku earthquake. Earth and Planetary Science Letters, 2011, 310, 480-487.	4.4	232
133	Tsunami signals from the 2006 and 2007 Kuril earthquakes detected at a seafloor geomagnetic observatory. Journal of Geophysical Research, 2011, 116, .	3.3	39
134	Observation and Modeling of the January 2009 West Papua, Indonesia Tsunami. Pure and Applied Geophysics, 2011, 168, 1089-1100.	1.9	3
135	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
136	Introduction to â€œTsunamis in the World Ocean: Past, Present, and Future. Volume Iâ€• Pure and Applied Geophysics, 2011, 168, 963-968.	1.9	14
137	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
138	Tsunami source of the 2011 off the Pacific coast of Tohoku Earthquake. Earth, Planets and Space, 2011, 63, 815-820.	2.5	460
139	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
140	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
141	Tsunamis, Inverse Problem of. , 2011, , 1022-1034.		0
142	Field Survey for Tsunami Trace Height along the Coasts of the Kanto and Tokai districts from the 2010 Chile Earthquake. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2010, 66, 1351-1355.	0.4	2
143	Double trouble at Tonga. Nature, 2010, 466, 931-932.	27.8	8
144	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

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145	Tsunami waveform inversion including dispersive waves: the 2004 earthquake off Kii Peninsula, Japan. Journal of Geophysical Research, 2010, 115, .	3.3	66
146	Variable Tsunami Sources and Seismic Gaps in the Southernmost Kuril Trench: A Review. Pure and Applied Geophysics, 2009, 166, 77-96.	1.9	9
147	In situ Measurements of Tide Gauge Response and Corrections of Tsunami Waveforms from the Niigataken Chuetsu-oki Earthquake in 2007. Pure and Applied Geophysics, 2009, 166, 97-116.	1.9	9
148	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
149	Aperiodic recurrence of geologically recorded tsunamis during the past 5500 years in eastern Hokkaido, Japan. Journal of Geophysical Research, 2009, 114, .	3.3	110
150	Tsunami Duration on the South Coast of Shikoku from Large Earthquakes along the Nankai Trough. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2009, 65, 281-285.	0.4	2
151	In situ Measurements of Tide Gauge Response and Corrections of Tsunami Waveforms from the Niigataken Chuetsu-oki Earthquake in 2007. , 2009, , 97-116.		0
152	Introduction to â€œTsunami Science Four Years After the 2004 Indian Ocean Tsunami, Part II: Observation and Data Analysisâ€• , 2009, , 1-7.		4
153	Variable Tsunami Sources and Seismic Gaps in the Southernmost Kuril Trench: A Review. , 2009, , 77-96.		0
154	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
155	Introduction to â€œTsunami Science Four Years After the 2004 Indian Ocean Tsunami, Part I: Modelling and Hazard Assessmentâ€• Pure and Applied Geophysics, 2008, 165, 1983-1989.	1.9	9
156	Fore arc structure and plate boundary earthquake sources along the southwestern Kuril subduction zone. Journal of Geophysical Research, 2008, 113, .	3.3	11
157	Tsunami generated by the 2007 Noto Hanto earthquake. Earth, Planets and Space, 2008, 60, 127-132.	2.5	5
158	Fault models of unusual tsunami in the 17th century along the Kuril trench. Earth, Planets and Space, 2008, 60, 925-935.	2.5	58
159	Tsunami waveform inversion of the 2007 Bengkulu, southern Sumatra, earthquake. Earth, Planets and Space, 2008, 60, 993-998.	2.5	19
160	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
161	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
162	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

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163	Logic-tree Approach for Probabilistic Tsunami Hazard Analysis and its Applications to the Japanese Coasts. , 2007, , 577-592.		15
164	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
165	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
166	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
167	Tsunamis. , 2007, , 483-511.		16
168	Recurrence of recent large earthquakes along the southernmost Kurile-Kamchatka Subduction Zone. Geophysical Monograph Series, 2007, , 145-152.	0.1	9
169	Volcanic origin of the 1741 Oshima-Oshima tsunami in the Japan Sea. Earth, Planets and Space, 2007, 59, 381-390.	2.5	53
170	Coseismic and postseismic creep in the Andaman Islands associated with the 2004 Sumatra-Andaman earthquake. Geophysical Research Letters, 2007, 34, .	4.0	28
171	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
172	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
173	Tsunami and its Hazard in the Indian and Pacific Oceans: Introduction. Pure and Applied Geophysics, 2007, 164, 249-259.	1.9	33
174	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
175	Tsunami and its Hazard in the Indian and Pacific Oceans: Introduction. , 2007, , 249-259.		1
176	Sea level and gravity variations after the 2004 Sumatra Earthquake observed at Syowa Station, Antarctica. , 2007, , 536-540.		1
177	Recurrence of postseismic coastal uplift, Kuril subduction zone, Japan. Geophysical Research Letters, 2006, 33, .	4.0	25
178	Re-estimation of tsunami source of the 1952 Tokachi-oki earthquake. Earth, Planets and Space, 2006, 58, 535-542.	2.5	27
179	The 2004 Indian Ocean tsunami: Tsunami source model from satellite altimetry. Earth, Planets and Space, 2006, 58, 195-201.	2.5	76
180	Rupture process of the 2004 great Sumatra-Andaman earthquake estimated from tsunami waveforms. Earth, Planets and Space, 2006, 58, 203-209.	2.5	89

#	Article	IF	Citations
181	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
182	Myanmar Coastal Area Field Survey after the December 2004 Indian Ocean Tsunami. Earthquake Spectra, 2006, 22, 285-294.	3.1	3
183	Three-dimensional attenuation (Qs) structure beneath the Kanto district, Japan, as inferred from strong motion records. Geophysical Research Letters, 2006, 33, .	4.0	36
184	Source of the July 2006 West Java tsunami estimated from tide gauge records. Geophysical Research Letters, 2006, 33, .	4.0	84
185	Response to Comment on "The Great Sumatra-Andaman Earthquake of 26 December 2004". Science, 2005, 310, 1431b-1431b.	12.6	7
186	The Great Sumatra-Andaman Earthquake of 26 December 2004. Science, 2005, 308, 1127-1133.	12.6	981
187	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
188	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
189	Variability Among Tsunami Sources in the 17thâ€“21st Centuries Along the Soutehrn Kuril Trench. , 2005, , 157-170.		20
190	Field Survey of the 2003 Tokachi-Oki Earthquake Tsunami and Simulation at the Ootsu Harbor Located at the Pacific Coast of Hokkaido, Japan. , 2005, , 135-156.		1
191	Transient Uplift After a 17th-Century Earthquake Along the Kuril Subduction Zone. Science, 2004, 306, 1918-1920.	12.6	138
192	Seventeenth-century uplift in eastern Hokkaido, Japan. Holocene, 2004, 14, 487-501.	1.7	51
193	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
194	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
195	Unusually large earthquakes inferred from tsunami deposits along the Kuril trench. Nature, 2003, 424, 660-663.	27.8	426
196	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
197	Fault slip and seismic moment of the 1700 Cascadia earthquake inferred from Japanese tsunami descriptions. Journal of Geophysical Research, 2003, 108, .	3.3	254
198	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

#	Article	IF	Citations
199	The July 1998 Papua New Guinea Earthquake: Mechanism and Quantification of Unusual Tsunami Generation. , 2003, , 2087-2118.		2
200	Three-dimensional reconstruction and Tsunami model of the Nuuanu and Wailau giant landslides, Hawaii. Geophysical Monograph Series, 2002, , 333-346.	0.1	24
201	28 Tsunamis. International Geophysics, 2002, 81, 437-451.	0.6	53
202	The 1741 Oshima-Oshima Eruption: Extent and volume of submarine debris avalanche. Geophysical Research Letters, 2001, 28, 427-430.	4.0	73
203	Detailed coseismic slip distribution of the 1944 Tonankai Earthquake estimated from tsunami waveforms. Geophysical Research Letters, 2001, 28, 1075-1078.	4.0	137
204	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
205	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
206	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
207	Sources of Tsunami and Tsunamigenic Earthquakes in Subduction Zones. , 1999, , 467-483.		12
208	Sources of Tsunami and Tsunamigenic Earthquakes in Subduction Zones. Pure and Applied Geophysics, 1999, 154, 467-483.	1.9	182
209	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
210	Sediment slump likely caused 1998 Papua New Guinea tsunami. Eos, 1999, 80, 329.	0.1	124
211	Mechanism of the 1975 Kalapana, Hawaii, earthquake inferred from tsunami data. Journal of Geophysical Research, 1999, 104, 13153-13167.	3.3	45
212	Asperity Distribution of the 1952 Great Kamchatka Earthquake and its Relation to Future Earthquake Potential in Kamchatka. , 1999, , 541-553.		14
213	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
214	Japanese Tsunami Records from the January 1700 Earthquake in the Cascadia Subduction Zone. Zisin (Journal of the Seismological Society of Japan 2nd Ser), 1998, 51, 1-17.	0.2	5
215	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
216	What controls the lateral variation of large earthquake occurrence along the Japan Trench?. Island Arc, 1997, 6, 261-266.	1.1	112

#	Article	IF	Citations
217	Inverse and Forward Modeling of the 1993 Hokkaido Tsunami. Advances in Natural and Technological Hazards Research, 1997, , 99-113.	1.1	2
218	Asperity Distribution of Alaskan-Aleutian Earthquakes: Implications for Seismic and Tsunami Hazards. Advances in Natural and Technological Hazards Research, 1997, , 67-81.	1.1	1
219	The 1964 Prince William Sound earthquake: Joint inversion of tsunami and geodetic data. Journal of Geophysical Research, 1996, 101, 523-532.	3.3	176
220	Tsunami generation by horizontal displacement of ocean bottom. Geophysical Research Letters, 1996, 23, 861-864.	4.0	456
221	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
222	Fault parameters of the 1896 Sanriku Tsunami Earthquake estimated from Tsunami Numerical Modeling. Geophysical Research Letters, 1996, 23, 1549-1552.	4.0	205
223	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
224	Introduction to ?tsunamis: 1992?94?. Pure and Applied Geophysics, 1995, 144, 373-379.	1.9	14
225	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
226	Linear and nonlinear computations of the 1992 Nicaragua earthquake tsunami. Pure and Applied Geophysics, 1995, 144, 455-470.	1.9	218
227	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
228	Two 1993 Kamchatka earthquakes. Pure and Applied Geophysics, 1995, 144, 633-647.	1.9	7
229	Tsunami generation of the 1993 Hokkaido Nansei-Oki earthquake. Pure and Applied Geophysics, 1995, 144, 803-821.	1.9	40
230	Analysis of seismological and tsunami data from the 1993 Guam earthquake. Pure and Applied Geophysics, 1995, 144, 823-837.	1.9	10
231	Tsunamis: Seismological and Disaster Prevention Studies.. Journal of Physics of the Earth, 1995, 43, 259-277.	1.4	12
232	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
233	Generation mechanism of tsunamis from the 1883 Krakatau Eruption. Geophysical Research Letters, 1995, 22, 509-512.	4.0	87
234	The great Kurile Earthquake of October 4, 1994 tore the slab. Geophysical Research Letters, 1995, 22, 1661-1664.	4.0	62

#	Article	IF	Citations
235	Seismotectonics of the April 25, 1992, Petrolia earthquake and the Mendocino triple junction region. Tectonics, 1995, 14, 1095-1103.	2.8	4
236	Tsunami Generation of the 1993 Hokkaido Nansei-Oki Earthquake. , 1995, , 803-821.		15
237	Edge Wave and Non-trapped Modes of the 25 April 1992 Cape Mendocino Tsunami. , 1995, , 409-426.		14
238	Linear and Nonlinear Computations of the 1992 Nicaragua Earthquake Tsunami. , 1995, , 455-470.		35
239	Source Parameters of the 1957 Aleutian and 1938 Alaskan Earthquakes from Tsunami Waveforms. Advances in Natural and Technological Hazards Research, 1995, , 71-84.	1.1	2
240	Modeling the Seismic Source and Tsunami Generation of the December 12, 1992 Flores Island, Indonesia, Earthquake. , 1995, , 537-554.		0
241	Two 1993 Kamchatka Earthquakes. , 1995, , 633-647.		0
242	Analysis of Seismological and Tsunami Data from the 1993 Guam Earthquake. , 1995, , 823-837.		1
243	The 1957 great Aleutian earthquake. Pure and Applied Geophysics, 1994, 142, 3-28.	1.9	85
244	Study of recent tsunamis sheds light on earthquakes. Eos, 1994, 75, 3.	0.1	3
245	Rupture extent of the 1938 Alaskan earthquake as inferred from tsunami waveforms. Geophysical Research Letters, 1994, 21, 733-736.	4.0	58
246	Fault parameters and tsunami excitation of the May 13, 1993, Shumagin Islands earthquake. Geophysical Research Letters, 1994, 21, 967-970.	4.0	6
247	Mechanism of the 1992 Nicaragua Tsunami Earthquake. Geophysical Research Letters, 1994, 21, 2519-2522.	4.0	161
248	The 1957 Great Aleutian Earthquake. , 1994, , 3-28.		7
249	The Cape Mendocino, California, Earthquakes of April 1992: Subduction at the Triple Junction. Science, 1993, 261, 433-438.	12.6	110
250	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
251	Tsunami field survey of the 1992 Nicaragua earthquake. Eos, 1993, 74, 145-157.	0.1	74
252	Unusual rupture process of the Japan Sea earthquake. Eos, 1993, 74, 377.	0.1	14

#	Article	IF	Citations
253	Source parameters of the 1957 Aleutian Earthquake from tsunami waveforms. Geophysical Research Letters, 1993, 20, 1487-1490.	4.0	42
254	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
255	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
256	The large normalâ€faulting Mariana Earthquake of April 5, 1990 in uncoupled subduction zone. Geophysical Research Letters, 1992, 19, 297-300.	4.0	28
257	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
258	Abnormal tsunamis caused by the June 13, 1984, Torishima, Japan, earthquake. Journal of Geophysical Research, 1991, 96, 19933-19939.	3.3	46
259	Use of tsunami waveforms for earthquake source study. Natural Hazards, 1991, 4, 193-208.	3.4	43
260	Use of Tsunami Waveforms for Earthquake Source Study. , 1991, , 193-208.		0
261	The origin of the tsunami excited by the 1906 San Francisco earthquake. Bulletin of the Seismological Society of America, 1991, 81, 1396-1397.	2.3	6
262	Fault parameters and tsunami excitation of the May 23, 1989, MacQuarie Ridge Earthquake. Geophysical Research Letters, 1990, 17, 997-1000.	4.0	27
263	Broadband study of the 1989 Loma Prieta Earthquake. Geophysical Research Letters, 1990, 17, 1179-1182.	4.0	40
264	Three-dimensional attenuation structure beneath North Island, New Zealand. Tectonophysics, 1989, 159, 181-194.	2.2	25
265	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
266	Effects of bathymetry on tsunami propagation: Application of ray tracing to tsunamis. Pure and Applied Geophysics, 1988, 126, 27-36.	1.9	107
267	Free oscillation of the Japan Sea excited by earthquakes–I. Observation and wave-theoretical approach. Geophysical Journal International, 1988, 93, 451-456.	2.4	15
268	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
269	Detectability of very slow earthquake from tide gauge records. Geophysical Research Letters, 1988, 15, 665-668.	4.0	6
270	Tide gauge response to tsunamis: Measurements at 40 tide gauge stations in Japan. Journal of Marine Research, 1988, 46, 557-571.	0.3	55

#	Article	IF	Citations
271	Lateral segmentation within the subducting lithosphere: three-dimensional structure beneath the North Island, New Zealand. Tectonophysics, 1987, 139, 223-237.	2.2	7
272	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
273	COMPUTATION OF TSUNAMI WAVEFORMS BY A SUPERPOSITION OF NORMAL MODES. Journal of Physics of the Earth, 1987, 35, 409-414.	1.4	11
274	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
275	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
276	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
277	THE 2004 SUMATRAâ€”ANDAMAN EARTHQUAKE AND TSUNAMI IN THE INDIAN OCEAN. , 0, , 1-10.		4
278	AN ANALYSIS OF SEA LEVEL AND GRAVITY VARIATIONS AFTER THE 2004 SUMATRA EARTHQUAKE OBSERVED AT SYOWA STATION, ANTARCTICA. , 0, , 11-16.		0