Shunichi Koshimura

List of Publications by Year
in descending order

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212	4,825	101384	123241
papers	citations	36 h-index	61 g-index

220	220	220	2757
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Nationwide Post Event Survey and Analysis of the 2011 Tohoku Earthquake Tsunami. Coastal Engineering Journal, 2012, 54, 1250001-1-1250001-27.	0.7	337
2	Developing Fragility Functions for Tsunami Damage Estimation Using Numerical Model and Post-Tsunami Data from Banda Aceh, Indonesia. Coastal Engineering Journal, 2009, 51, 243-273.	0.7	270
3	Lessons Learned from the 2011 Great East Japan Tsunami: Performance of Tsunami Countermeasures, Coastal Buildings, and Tsunami Evacuation in Japan. Pure and Applied Geophysics, 2013, 170, 993-1018.	0.8	172
4	The reduction effects of mangrove forest on a tsunami based on field surveys at Pakarang Cape, Thailand and numerical analysis. Estuarine, Coastal and Shelf Science, 2009, 81, 27-37.	0.9	145
5	Developing tsunami fragility curves based on the satellite remote sensing and the numerical modeling of the 2004 Indian Ocean tsunami in Thailand. Natural Hazards and Earth System Sciences, 2011, 11, 173-189.	1.5	143
6	Agent-based Simulation of the 2011 Great East Japan Earthquake/Tsunami Evacuation: An Integrated Model of Tsunami Inundation and Evacuation. Journal of Natural Disaster Science, 2012, 34, 41-57.	0.4	134
7	Damage Characteristic and Field Survey of the 2011 Great East Japan Tsunami in Miyagi Prefecture. Coastal Engineering Journal, 2012, 54, 1250005-1-1250005-30.	0.7	111
8	Tsunami Fragility â€" A New Measure to Identify Tsunami Damage â€". Journal of Disaster Research, 2009, 4, 479-488.	0.4	94
9	Developing Tsunami Fragility Curves from the Surveyed Data of the 2011 Great East Japan Tsunami in Sendai and Ishinomaki Plains. Coastal Engineering Journal, 2012, 54, 1250008-1-1250008-16.	0.7	91
10	Field survey report and satellite image interpretation of the 2013 Super Typhoon Haiyan in the Philippines. Natural Hazards and Earth System Sciences, 2015, 15, 805-816.	1.5	84
11	Tsunami damage reduction performance of a mangrove forest in Banda Aceh, Indonesia inferred from field data and a numerical model. Journal of Geophysical Research, 2010, 115, .	3.3	83
12	Mapping of Building Damage of the 2011 Tohoku Earthquake Tsunami in Miyagi Prefecture. Coastal Engineering Journal, 2012, 54, 1250006-1-1250006-12.	0.7	82
13	Developing Tsunami fragility curves using remote sensing and survey data of the 2010 Chilean Tsunami in Dichato. Natural Hazards and Earth System Sciences, 2012, 12, 2689-2697.	1.5	80
14	Towards Operational Satellite-Based Damage-Mapping Using U-Net Convolutional Network: A Case Study of 2011 Tohoku Earthquake-Tsunami. Remote Sensing, 2018, 10, 1626.	1.8	76
15	Recent Advances in Agent-Based Tsunami Evacuation Simulations: Case Studies in Indonesia, Thailand, Japan and Peru. Pure and Applied Geophysics, 2015, 172, 3409-3424.	0.8	72
16	Tsunami due to the 2004 September 5th off the Kii peninsula earthquake, Japan, recorded by a new GPS buoy. Earth, Planets and Space, 2005, 57, 297-301.	0.9	66
17	3D gray level co-occurrence matrix and its application to identifying collapsed buildings. ISPRS Journal of Photogrammetry and Remote Sensing, 2019, 149, 14-28.	4.9	64
18	Multi-Source Data Fusion Based on Ensemble Learning for Rapid Building Damage Mapping during the 2018 Sulawesi Earthquake and Tsunami in Palu, Indonesia. Remote Sensing, 2019, 11, 886.	1.8	64

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19	An Integrated Simulation of Tsunami Hazard and Human Evacuation in La Punta, Peru. Journal of Disaster Research, 2013, 8, 285-295.	0.4	61
20	Extraction of Tsunami-Flooded Areas and Damaged Buildings in the 2011 Tohoku-Oki Earthquake from TerraSAR-X Intensity Images. Earthquake Spectra, 2013, 29, 183-200.	1.6	59
21	Investigation of Tsunami-Induced Damage and Fragility of Buildings in Thailand after the December 2004 Indian Ocean Tsunami. Earthquake Spectra, 2006, 22, 377-401.	1.6	57
22	The impact of the 2011 Tohoku earthquake tsunami disaster and implications to the reconstruction. Soils and Foundations, 2014, 54, 560-572.	1.3	57
23	A Framework of Rapid Regional Tsunami Damage Recognition From Post-event TerraSAR-X Imagery Using Deep Neural Networks. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 43-47.	1.4	57
24	Inhibition of HIV-reverse transcriptase activity by some phloroglucinol derivatives. FEBS Letters, 1991, 286, 83-85.	1.3	56
25	Response to the 2011 Great East Japan Earthquake and Tsunami disaster. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140373.	1.6	55
26	Learning from multimodal and multitemporal earth observation data for building damage mapping. ISPRS Journal of Photogrammetry and Remote Sensing, 2021, 175, 132-143.	4.9	55
27	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.	0.9	54
28	A proposed methodology for deriving tsunami fragility functions for buildings using optimum intensity measures. Natural Hazards, 2016, 84, 1257-1285.	1.6	54
29	Tsunami run-up heights of the 2003 Tokachi-oki earthquake. Earth, Planets and Space, 2004, 56, 359-365.	0.9	53
30	The 2011 Tohoku Tsunami Flow Velocity Estimation by the Aerial Video Analysis and Numerical Modeling. Journal of Disaster Research, 2013, 8, 561-572.	0.4	48
31	Examination of three practical run-up models for assessing tsunami impact on highly populated areas. Natural Hazards and Earth System Sciences, 2011, 11, 3107-3123.	1.5	47
32	Real-time tsunami inundation forecast system for tsunami disaster prevention and mitigation. Journal of Supercomputing, 2018, 74, 3093-3113.	2.4	47
33	Damage and reconstruction after the 2004 Indian Ocean tsunami and the 2011 Great East Japan tsunami. Journal of Natural Disaster Science, 2012, 34, 19-39.	0.4	46
34	A method for estimating casualties due to the tsunami inundation flow. Natural Hazards, 2006, 39, 265-274.	1.6	44
35	Tsunami records due to the 2010 Chile Earthquake observed by GPS buoys established along the Pacific coast of Japan. Earth, Planets and Space, 2011, 63, e5-e8.	0.9	39
36	Tsunami Damage Detection with Remote Sensing: A Review. Geosciences (Switzerland), 2020, 10, 177.	1.0	39

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37	Future projection of flood inundation considering land-use changes and land subsidence in Jakarta, Indonesia. Hydrological Research Letters, 2017, 11, 99-105.	0.3	37
38	A Method for Detecting Buildings Destroyed by the 2011 Tohoku Earthquake and Tsunami Using Multitemporal TerraSAR-X Data. IEEE Geoscience and Remote Sensing Letters, 2015, 12, 1277-1281.	1.4	36
39	Enhancement of Detecting Permanent Water and Temporary Water in Flood Disasters by Fusing Sentinel-1 and Sentinel-2 Imagery Using Deep Learning Algorithms: Demonstration of Sen1Floods11 Benchmark Datasets. Remote Sensing, 2021, 13, 2220.	1.8	36
40	Effects of the Rupture Velocity of Fault Motion, Ocean Current and Initial Sea Level on the Transoceanic Propagation of Tsunami. Coastal Engineering Journal, 2010, 52, 107-132.	0.7	35
41	Disaster debris estimation using high-resolution polarimetric stereo-SAR. ISPRS Journal of Photogrammetry and Remote Sensing, 2016, 120, 84-98.	4.9	34
42	Novel Unsupervised Classification of Collapsed Buildings Using Satellite Imagery, Hazard Scenarios and Fragility Functions. Remote Sensing, 2018, 10, 296.	1.8	33
43	Framework for estimating the risk and resilience of road networks with bridges and embankments under both seismic and tsunami hazards. Structure and Infrastructure Engineering, 2021, 17, 494-514.	2.0	32
44	Vanuatu earthquake and tsunami cause much damage, few casualties. Eos, 2000, 81, 641-647.	0.1	30
45	Field Survey of the Camana, Peru Tsunami of 23 June 2001. Seismological Research Letters, 2002, 73, 907-920.	0.8	29
46	Detecting urban changes using phase correlation and â„“1-based sparse model for early disaster response: A case study of the 2018 Sulawesi Indonesia earthquake-tsunami. Remote Sensing of Environment, 2020, 242, 111743.	4.6	29
47	Pyramid Pooling Module-Based Semi-Siamese Network: A Benchmark Model for Assessing Building Damage from xBD Satellite Imagery Datasets. Remote Sensing, 2020, 12, 4055.	1.8	28
48	Machine Learning Based Building Damage Mapping from the ALOS-2/PALSAR-2 SAR Imagery: Case Study of 2016 Kumamoto Earthquake. Journal of Disaster Research, 2017, 12, 646-655.	0.4	28
49	Geoinformatics in mangrove monitoring: damage and recovery after the 2004 Indian Ocean tsunami in Phang Nga, Thailand. Natural Hazards and Earth System Sciences, 2011, 11, 1851-1862.	1.5	27
50	Model-based analysis of multi-UAV path planning for surveying postdisaster building damage. Scientific Reports, 2021, 11, 18588.	1.6	27
51	Tsunamigenic Ratio of the Pacific Ocean earthquakes and a proposal for a Tsunami Index. Natural Hazards and Earth System Sciences, 2012, 12, 175-185.	1.5	26
52	Object-Based Building Damage Assessment Methodology Using Only Post Event ALOS-2/PALSAR-2 Dual Polarimetric SAR Intensity Images. Journal of Disaster Research, 2017, 12, 259-271.	0.4	25
53	Salinity in Soils and Tsunami Deposits in Areas Affected by the 2010 Chile and 2011 Japan Tsunamis. Pure and Applied Geophysics, 2013, 170, 1047-1066.	0.8	24
54	Building Damage Assessment in the 2015 Gorkha, Nepal, Earthquake Using Only Post-Event Dual Polarization Synthetic Aperture Radar Imagery. Earthquake Spectra, 2017, 33, 185-195.	1.6	24

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55	New Insights into Multiclass Damage Classification of Tsunami-Induced Building Damage from SAR Images. Remote Sensing, 2018, 10, 2059.	1.8	24
56	Framework for probabilistic tsunami hazard assessment considering the effects of sea-level rise due to climate change. Structural Safety, 2022, 94, 102152.	2.8	24
57	Effect of the Emperor seamounts on trans-oceanic propagation of the 2006 Kuril Island earthquake tsunami. Geophysical Research Letters, 2008, 35, .	1.5	23
58	A Semiautomatic Pixel-Object Method for Detecting Landslides Using Multitemporal ALOS-2 Intensity Images. Remote Sensing, 2020, 12, 561.	1.8	23
59	Survey Results of the Indian Ocean Tsunami in the Maldives. Coastal Engineering Journal, 2006, 48, 81-97.	0.7	22
60	Tsunami analytical fragility curves for the Colombian Pacific coast: A reinforced concrete building example. Engineering Structures, 2019, 196, 109309.	2.6	22
61	Learning from the 2018 Western Japan Heavy Rains to Detect Floods during the 2019 Hagibis Typhoon. Remote Sensing, 2020, 12, 2244.	1.8	22
62	TSUNAMI HAZARD AND CASUALTY ESTIMATION IN A COASTAL AREA THAT NEIGHBORS THE INDIAN OCEAN AND SOUTH CHINA SEA. Journal of Earthquake and Tsunami, 2012, 06, 1250010.	0.7	21
63	Probabilistic Assessment of Structural Performance of Bridges under Tsunami Hazard. , 2012, , .		21
64	Inhibition of HIV-reverse transcriptase activity by asterriquinone and its analogues. Biochemical and Biophysical Research Communications, 1991, 174, 56-62.	1.0	19
65	Seismic Source of 1746 Callao Earthquake from Tsunami Numerical Modeling. Journal of Disaster Research, 2013, 8, 266-273.	0.4	19
66	Drawback in the Change Detection Approach: False Detection during the 2018 Western Japan Floods. Remote Sensing, 2019, 11, 2320.	1.8	18
67	Lessons from the 2011 Tohoku Earthquake Tsunami Disaster. Journal of Disaster Research, 2013, 8, 549-560.	0.4	18
68	Modeling the 1100 bp paleotsunami in Puget Sound, Washington. Geophysical Research Letters, 2002, 29, 9-1-9-4.	1.5	17
69	ISSUES OF RESIDENT'S CONSCIOUSNESS AND EVACUATION FROM THE TSUNAMI. Doboku Gakkai Ronbunshu, 2005, 2005, 789_93-789_104.	0.2	17
70	PROBABILISTIC TSUNAMI HAZARD ANALYSIS AND RISK TO COASTAL POPULATIONS IN THAILAND. Journal of Earthquake and Tsunami, 2012, 06, 1250011.	0.7	17
71	An integrated method to extract collapsed buildings from satellite imagery, hazard distribution and fragility curves. International Journal of Disaster Risk Reduction, 2018, 31, 1374-1384.	1.8	17
72	Study on the Intensity and Coherence Information of High-Resolution ALOS-2 SAR Images for Rapid Massive Landslide Mapping at a Pixel Level. Remote Sensing, 2019, 11, 2808.	1.8	17

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73	The 1755 Lisbon Tsunami: Tsunami Source Determination and its Validation. Journal of Disaster Research, 2009, 4, 41-52.	0.4	17
74	Object-Based Method for Estimating Tsunami-Induced Damage Using TerraSAR-X Data. Journal of Disaster Research, 2016, 11, 225-235.	0.4	17
75	Validation of the MRT-LBM for three-dimensional free-surface flows: an investigation of the weak compressibility in dam-break benchmarks. Coastal Engineering Journal, 2020, 62, 53-68.	0.7	16
76	Combination of school evacuation drill with tsunami inundation simulation: Consensus-making between disaster experts and citizens on an evacuation strategy. International Journal of Disaster Risk Reduction, 2020, 51, 101803.	1.8	16
77	Characteristics of Tsunami Fragility Functions Developed Using Different Sources of Damage Data from the 2018 Sulawesi Earthquake and Tsunami. Pure and Applied Geophysics, 2020, 177, 2437-2455.	0.8	15
78	Scenarios of Earthquake and Tsunami Damage Probability in Callao Region, Peru Using Tsunami Fragility Functions. Journal of Disaster Research, 2014, 9, 968-975.	0.4	15
79	Establishing the Advanced Disaster Reduction Management System by Fusion of Real-Time Disaster Simulation and Big Data Assimilation. Journal of Disaster Research, 2016, 11, 164-174.	0.4	15
80	Tsunami flow measurement using the video recorded during the 2011 Tohoku tsunami attack. , 2012, , .		14
81	Application of Remote Sensing for Tsunami Disaster. , 2012, , .		14
82	Synthetic building damage scenarios using empirical fragility functions: A case study of the 2016 Kumamoto earthquake. International Journal of Disaster Risk Reduction, 2018, 31, 76-84.	1.8	14
83	Tsunami Inundation Mapping in Lima, for Two Tsunami Source Scenarios. Journal of Disaster Research, 2013, 8, 274-284.	0.4	14
84	Understanding the Extreme Tsunami Inundation in Onagawa Town by the 2011 Tohoku Earthquake, Its Effects in Urban Structures and Coastal Facilities. Coastal Engineering Journal, 2016, 58, 1640013-1-1640013-19.	0.7	13
85	Statistical analysis of earthquake debris extent from wood-frame buildings and its use in road networks in Japan. Earthquake Spectra, 2020, 36, 209-231.	1.6	13
86	Tsunami Hazard Mitigation at Palabuhanratu, Indonesia. Journal of Disaster Research, 2012, 7, 19-25.	0.4	13
87	Simulation of Tsunami Inundation in Central Peru from Future Megathrust Earthquake Scenarios. Journal of Disaster Research, 2014, 9, 961-967.	0.4	13
88	Role of Real-Time GNSS in Near-Field Tsunami Forecasting. Journal of Disaster Research, 2018, 13, 453-459.	0.4	13
89	Propagation of Obliquely Incident Tsunamis on a Slope Part I: Amplification of Tsunamis on a Continental Slope. Coastal Engineering Journal, 1999, 41, 151-164.	0.7	12
90	Developing fragility functions for the areas affected by the 2009 Samoa earthquake and tsunami. Natural Hazards and Earth System Sciences, 2014, 14, 3231-3241.	1.5	12

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91	Possible Failure Mechanism of Buildings Overturned during the 2011â€‰Great East Japan Tsunami in the Town of Onagawa. Frontiers in Built Environment, 2017, 3, .	1.2	12
92	Risk Evaluation of Drifting Ship by Tsunami. Journal of Disaster Research, 2013, 8, 573-583.	0.4	12
93	Grasp of Disaster Situation and Support Need Inside Affected Area with Social Sensing â€“ An Analysis of Twitter Data Before and After the 2011 Great East Japan Earthquake Disaster Occurring â€“. Journal of Disaster Research, 2016, 11, 198-206.	0.4	12
94	Verification of a Method for Estimating Building Damage in Extensive Tsunami Affected Areas Using L-Band SAR Data. Journal of Disaster Research, 2017, 12, 251-258.	0.4	12
95	EVALUATION OF FLOOD INUNDATION IN JAKARTA USING FLOOD INUNDATION MODEL CALIBRATED BY RADAR RAINFALL. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_1243-I_1248.	0.0	11
96	Tsunami Source Inversion Using Tide Gauge and DART Tsunami Waveforms of the 2017 Mw8.2 Mexico Earthquake. Pure and Applied Geophysics, 2018, 175, 35-48.	0.8	11
97	Disaster Intensity-Based Selection of Training Samples for Remote Sensing Building Damage Classification. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 8288-8304.	2.7	11
98	Development of Building Height Data in Peru from High-Resolution SAR Imagery. Journal of Disaster Research, 2014, 9, 1042-1049.	0.4	11
99	Tsunami fragility inferred from the 1993 Hokkaido Nansei-oki earthquake tsunami disaster. Journal of Japan Association for Earthquake Engineering, 2010, 10, 87-101.	0.0	10
100	Field survey and damage inspection after the 2013 Typhoon Haiyan in The Philippines. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_1451-I_1455.	0.0	10
101	Tsunami source and inundation features around Sendai Coast, Japan, due to the November 22, 2016 Mw 6.9 Fukushima earthquake. Geoscience Letters, 2018, 5, .	1.3	10
102	Technical Solution Discussion for Key Challenges of Operational Convolutional Neural Network-Based Building-Damage Assessment from Satellite Imagery: Perspective from Benchmark xBD Dataset. Remote Sensing, 2020, 12, 3808.	1.8	10
103	Risk estimation of the disaster waste generated by both ground motion and tsunami due to the anticipated Nankai Trough earthquake. Earthquake Engineering and Structural Dynamics, 2021, 50, 2134-2155.	2.5	10
104	Tsunami Waveform Inversion of the 2007 Peru (M_w8.1) Earthquake. Journal of Disaster Research, 2014, 9, 954-960.	0.4	10
105	Vulnerability Characteristics of Tsunamis in Indonesia: Analysis of the Global Centre for Disaster Statistics Database. Journal of Disaster Research, 2018, 13, 1039-1048.	0.4	10
106	Title is missing!. Natural Hazards, 2001, 24, 213-229.	1.6	9
107	Development of Hazard Map in Waterfront Area by Ship Drifting and Grounding Model in Tsunami. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2010, 66, 236-240.	0.0	9
108	Estimation of building damage ratio due to earthquakes and tsunamis using satellite SAR imagery. , 2010, , .		9

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109	Tsunami monitoring system using GPS buoy - Present status and outlook -. , 2010, , .		9
110	Performance evaluation of pedestrian bridge as vertical evacuation site during the 2011 tsunami in Japan. Journal of Natural Disaster Science, 2012, 34, 79-90.	0.4	9
111	Effects on river macroinvertebrate communities of tsunami propagation after the 2011 Great East Japan Earthquake. Freshwater Biology, 2014, 59, 1474-1483.	1.2	9
112	Global Disaster: The 2004 Indian Ocean Tsunami. Journal of Disaster Research, 2006, 1, 131-135.	0.4	9
113	A comparative study of the cumulant lattice Boltzmann method in a single-phase free-surface model of violent flows. Computers and Fluids, 2022, 236, 105303.	1.3	9
114	Extraction of damaged areas due to the 2013 Haiyan Typhoon using ASTER data. , 2014, , .		8
115	Recent Developments of GPS Tsunami Meter foraFar Offshore Observations. International Association of Geodesy Symposia, 2015, , 145-153.	0.2	8
116	Wetland Surface Water Detection from Multipath SAR Images Using Gaussian Process-Based Temporal Interpolation. Remote Sensing, 2020, 12, 1756.	1.8	8
117	The Potential Role of News Media to Construct a Machine Learning Based Damage Mapping Framework. Remote Sensing, 2021, 13, 1401.	1.8	8
118	Comparison of decay features of the 2006 and 2007 Kuril Island earthquake tsunamis. Geophysical Journal International, 2012, 190, 347-357.	1.0	7
119	EFFECT OF LAND SUBSIDENCE ON FLOOD INUNDATION IN JAKARTA, INDONESIA. Journal of Japan Society of Civil Engineers Ser G (Environmental Research), 2016, 72, I_283-I_289.	0.1	7
120	Analysis of Spatio-Temporal Tsunami Source Models for Reproducing Tsunami Inundation Features. Geosciences (Switzerland), 2018, 8, 3.	1.0	7
121	Real-time automatic uncertainty estimation of coseismic single rectangular fault model using GNSS data. Earth, Planets and Space, 2021, 73, .	0.9	7
122	Tsunami-Tide Simulation in a Large Bay Based on the Greatest Earthquake Scenario Along the Nankai Trough. International Journal of Offshore and Polar Engineering, 2016, 26, 392-400.	0.3	7
123	A Real-Time Tsunami Inundation Forecast System Using Vector Supercomputer SX-ACE. Journal of Disaster Research, 2018, 13, 234-244.	0.4	7
124	Impacts of the 2011 East Japan tsunami in the Papua region, Indonesia: field observation data and numerical analyses. Geophysical Journal International, 2013, 194, 1625-1639.	1.0	6
125	Salinization by a tsunami in a semi-enclosed bay: tsunami-ocean three-dimensional simulation based on a great earthquake scenario along the Nankai Trough. Journal of Advanced Simulation in Science and Engineering, 2016, 3, 206-214.	0.1	6
126	Transportation of Sediment and Heavy Metals Resuspended by a Giant Tsunami Based on Coupled Three-Dimensional Tsunami, Ocean, and Particle-Tracking Simulations. Journal of Water and Environment Technology, 2018, 16, 161-174.	0.3	6

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127	A comparative study of empirical and analytical fragility functions for the assessment of tsunami building damage in Tumaco, Colombia. Coastal Engineering Journal, 2020, 62, 362-372.	0.7	6
128	The 1755 Lisbon Tsunami at Vila do Bispo Municipality, Portugal. Journal of Disaster Research, 2015, 10, 1067-1080.	0.4	6
129	Fusion of Real-Time Disaster Simulation and Big Data Assimilation â€“ Recent Progress. Journal of Disaster Research, 2017, 12, 226-232.	0.4	6
130	Propagation of Obliquely Incident Tsunamis on a Slope Part II Characteristics of on-Ridge Tsunamis. Coastal Engineering Journal, 1999, 41, 165-182.	0.7	5
131	Analysis of Large Ship Drifting Motion by Tsunami - A Case Study in Banda Aceh, Indonesia -. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2009, 65, 316-320.	0.0	5
132	Object-based image analysis of post-tsunami high-resolution satellite images for mapping the impact of tsunami disaster. , 2011, , .		5
133	Extraction of damaged buildings due to the 2011 Tohoku, Japan earthquake tsunami. , 2012, , .		5
134	Improving Tsunami Numerical Simulation with the Time-Dependent Building Destruction Model. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_346-I_350.	0.0	5
135	Classification of Tsunami Fragility Curves Based on Regional Characteristics of Tsunami Damage. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2015, 71, I_331-I_336.	0.0	5
136	Method to extract difficult-to-evacuate areas by using tsunami evacuation simulation and numerical analysis. International Journal of Disaster Risk Reduction, 2021, 64, 102486.	1.8	5
137	Reconstruction Process and Social Issues After the 1746 Earthquake and Tsunami in Peru: Past and Present Challenges After Tsunami Events. Advances in Natural and Technological Hazards Research, 2015, , 97-109.	1.1	5
138	Study on Oil Spread Caused by the 1964 Niigata Earthquake Tsunami. Journal of Disaster Research, 2006, 1, 157-168.	0.4	5
139	Development and Validation of a Tsunami Numerical Model with the Polygonally Nested Grid System and its MPI-Parallelization for Real-Time Tsunami Inundation Forecast on a Regional Scale. Journal of Disaster Research, 2019, 14, 416-434.	0.4	5
140	A REVIEW OF TSUNAMI DAMAGE ASSESSMENT METHODS AND BUILDING PERFORMANCE IN THAILAND. Journal of Earthquake and Tsunami, 2013, 07, 1350036.	0.7	4
141	Three Dimensional Mapping of Tsunami Debris with Aerial Photos and LiDAR Data. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2013, 69, I_1436-I_1440.	0.0	4
142	Advances of tsunami inundation forecasting and its future perspectives. , 2017, , .		4
143	Development of calibrated tsunami evacuation models through real-world collected data: The case study of Coquimbo-La Serena, Chile. IOP Conference Series: Earth and Environmental Science, 0, 630, 012005.	0.2	4
144	Evaluation of Tsunami Wave Loads Acting on Walls of Confined-Masonry-Brick and Concrete-Block Houses. Journal of Disaster Research, 2014, 9, 976-983.	0.4	4

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145	Estimating the Regional Impact of a Tsunami Using a Numerical Model and the World Population Database. The Quaternary Research, 2007, 46, 499-508.	0.2	4
146	Validation of the applicability of the particle-based open-source software DualSPHysics to violent flow fields. Coastal Engineering Journal, 2021, 63, 545-572.	0.7	4
147	Brief communication: Radar images for monitoring informal urban settlements in vulnerable zones in Lima, Peru. Natural Hazards and Earth System Sciences, 2022, 22, 65-70.	1.5	4
148	The Potential Role of Mitigating Effects of Mangrove Forest against The 2004 Indian Ocean Tsunami in Banda Aceh. Proceedings of Coastal Engineering Jsce, 2007, 54, 246-250.	0.1	3
149	Searching tsunami affected area by integrating numerical modeling and remote sensing. , 2010, , .		3
150	Damage detection due to the typhoon haiyan from high-resolution SAR images. , 2014, , .		3
151	A STUDY ON METHODS FOR APPLYING FAULT MODELS RAPIDLY ESTIMATED USING REAL-TIME GNSS TO TSUNAMI SIMULATION. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2016, 72, I_355-I_360.	0.0	3
152	Development of a Rainfall Runoff and Flood Inundation Model for Jakarta, Indonesia, and Its Sensitivity Analysis of Datasets to Flood Inundation. , 2017, , .		3
153	Remote Sensing Approach for Mapping and Monitoring Tsunami Debris. , 2019, , .		3
154	Performance Evaluation of Tsunami Inundation Simulation on SX-Aurora TSUBASA. Lecture Notes in Computer Science, 2019, , 363-376.	1.0	3
155	Tsunami run-up heights of the 2004 off the Kii peninsula earthquakes. Earth, Planets and Space, 2005, 57, 157-160.	0.9	2
156	Remote Sensing and GIS-based Approach to Identify the Impact of the 2011 Tohoku Earthquake Tsunami Disaster. Journal of Japan Association for Earthquake Engineering, 2012, 12, 6_50-6_62.	0.0	2
157	TSUNAMI HAZARD AND BUILDING DAMAGE ASSESSMENT IN THAILAND USING NUMERICAL MODEL AND FRAGILITY CURVES. Journal of Earthquake and Tsunami, 2013, 07, 1250028.	0.7	2
158	Influence of wave shapes to Tsunami Wave Force Acting on a Bridge Superstructure. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_871-I_875.	0.0	2
159	Human loss due to storm surge disaster caused by typhoon Haiyan in the coastal region of Leyte island. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_1446-I_1450.	0.0	2
160	Developing a method for urban damage mapping using radar signatures of building footprint in SAR imagery: A case study after the 2013 Super Typhoon Haiyan. , 2015, , .		2
161	Developing a building damage function using SAR images and post-event data after the Typhoon Haiyan in The Philippines. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2015, 71, I_1729-I_1734.	0.0	2
162	Identifying Building Damage Patterns in the 2016 Meinong, Taiwan Earthquake Using Post-Event Dual-Polarimetric ALOS-2/PALSAR-2 Imagery. Journal of Disaster Research, 2018, 13, 291-302.	0.4	2

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