

Hitoshi Tanaka

List of Publications by Year in descending order

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Version: 2024-02-01

232
papers

1,855
citations

393982

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329751

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238
docs citations

238
times ranked

902
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Study on the Turbulent Structure of Tsunami Bottom Boundary Layer Using the 2011 Tohoku Tsunami Waveform. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 173.	1.2	0
2	Morphology Recovery and Convergence of Topographic Evolution in the Natori River Mouth after the 2011 Tohoku Tsunami. <i>Water (Switzerland)</i> , 2022, 14, 715.	1.2	0
3	A Theory for Estuarine Delta Formation with Finite Beach Length under Sediment Supplied from the River. <i>Journal of Marine Science and Engineering</i> , 2022, 10, 947.	1.2	1
4	Numerical investigation of the effect of seasonal variations of depth-of-closure on shoreline evolution. <i>International Journal of Sediment Research</i> , 2021, 36, 1-16.	1.8	7
5	Mechanisms of Flood-Induced Levee Breaching in Marumori Town during the 2019 Hagibis Typhoon. <i>Water (Switzerland)</i> , 2021, 13, 244.	1.2	3
6	INVESTIGATION ON DEVELOPMENT OF DEPTH-LIMITED WAVE BOUNDARY LAYER OVER A SMOOTH BOTTOM. <i>Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering)</i> , 2021, 77, 1_79-1_84.	0.0	0
7	Advanced Machine Learning Techniques for Predicting Nha Trang Shorelines. <i>IEEE Access</i> , 2021, 9, 98132-98149.	2.6	8
8	Prediction Interval Estimation Methods for Artificial Neural Network (ANN)-Based Modeling of the Hydro-Climatic Processes, a Review. <i>Sustainability</i> , 2021, 13, 1633.	1.6	13
9	Centennial to Multi-Decadal Morphology Change and Sediment Budget Alteration with Consideration of the Impacts of the 2011 Tohoku Earthquake Tsunami along the Nobiru Coast, Japan. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 265.	1.2	4
10	Numerical implementation of wave friction factor into the 1D tsunami shallow water equation model. <i>Coastal Engineering Journal</i> , 2021, 63, 174-186.	0.7	6
11	Using Hybrid Wavelet-Exponential Smoothing Approach for Streamflow Modeling. <i>Complexity</i> , 2021, 2021, 1-17.	0.9	7
12	Morphology recovery of the Abukuma River mouth after the 2011 Tohoku tsunami under the interaction between sand spit and sand terrace. <i>Coastal Engineering Journal</i> , 2021, 63, 467-484.	0.7	5
13	Long-Term Shoreline Evolution Using DSAS Technique: A Case Study of Quang Nam Province, Vietnam. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1124.	1.2	28
14	Morphodynamics and Evolution of Estuarine Sandspits along the Bight of Benin Coast, West Africa. <i>Water (Switzerland)</i> , 2021, 13, 2977.	1.2	9
15	Analytical solution for time-dependent shoreline position response to the tectonic recovery process in the Sendai Plain, Japan, after the 2011 Great East Japan Earthquake. <i>Continental Shelf Research</i> , 2021, , 104603.	0.9	1
16	Development of Depth-Limited Wave Boundary Layers over a Smooth Bottom. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 27.	1.2	6
17	ALTERATION IN SEDIMENT TRANSPORT AND SEDIMENT BUDGET IN THE NARUSE RIVER AFTER THE 2011 GREAT EAST JAPAN EARTHQUAKE AND TSUNAMI. <i>Journal of Japan Society of Civil Engineers Ser B2 (Coastal)</i> Tj ETQq1 1 0.034314 rgBT / Overlo	0.0	0
18	BOTTOM BOUNDARY LAYER CHARACTERISTICS UNDER THE MEASURED 2011 TSUNAMI WAVEFORM. <i>Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering)</i> , 2021, 77, 1_163-1_168.	0.0	0

#	ARTICLE	IF	CITATIONS
19	TOPOGRAPHY CONVERGENCE DURING RECOVERY PROCESS IN THE NATORI RIVER MOUTH AFTER THE GREAT EAST JAPAN EARTHQUAKE AND TSUNAMI. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic) TJ ETQq1 1 0.784314ogBT /Over	0.0	0
20	EVALUATION OF SANDSPIT GROWTH AND LONGSHORE SEDIMENT TRANSPORT RATES AT THE "BOUCHE DU ROI" INLET, BENIN, USING REMOTELY SENSED IMAGES. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2021, 77, 1_667-1_672.	0.0	0
21	STUDY ON TSUNAMI-INDUCED BOUNDARY LAYER USING MEASURED WAVEFORM OBTAINED BY GPS BUOYS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2021, 77, 1_1195-1_1200.	0.0	0
22	Semi-analytic model of tidal-induced inlet flow and morphological evolution. Coastal Engineering, 2020, 155, 103581.	1.7	4
23	Comprehensive Study of the Sand Spit Evolution at Tidal Inlets in the Central Coast of Vietnam. Journal of Marine Science and Engineering, 2020, 8, 722.	1.2	14
24	Intrusion Distance and Flow Discharge in Rivers during the 2011 Tohoku Tsunami. Journal of Marine Science and Engineering, 2020, 8, 882.	1.2	7
25	Improvement of the Full-Range Equation for Wave Boundary Layer Thickness. Journal of Marine Science and Engineering, 2020, 8, 573.	1.2	10
26	Transitional Behavior of a Flow Regime in Shoaling Tsunami Boundary Layers. Journal of Marine Science and Engineering, 2020, 8, 700.	1.2	9
27	Decadal Morphological Recovery of Estuaries and Coasts After the 2011 Tohoku Tsunami. Lecture Notes in Civil Engineering, 2020, , 31-41.	0.3	2
28	Sand spit morphological evolution at tidal inlets by using satellite images analysis: Two case studies in Vietnam. Journal of Science and Technology in Civil Engineering (STCE) - NUCE, 2020, 14, 17-27.	0.2	4
29	Mechanisms of Formation and Development of a New Island in front of Thu Bon River Mouth, Quang Nam Province, Vietnam. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2020, 76, 1_619-1_624.	0.0	0
30	CHARACTERISTICS OF BOTTOM SHEAR STRESS VARIATION UNDER SHOALING SOLITARY WAVE. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2020, 76, 1_150-1_155.	0.0	0
31	Collapse of Sand Spit at the Kalu River Mouth in Kalutara, Sri Lanka. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2020, 76, 1_643-1_648.	0.0	0
32	Morphological recovery of beach severely damaged by the 2011 great east Japan tsunami. Estuarine, Coastal and Shelf Science, 2019, 226, 106274.	0.9	4
33	Prediction of shoreline change using a numerical model: case of the Kulon Progo Coast, Central Java. MATEC Web of Conferences, 2019, 270, 04023.	0.1	5
34	Study on boundary layer development and bottom shear stress beneath a tsunami. Coastal Engineering Journal, 2019, 61, 574-589.	0.7	16
35	Longshore propagation erosion of beach in the vicinity of tsunami-induced concave shoreline. Journal of Hydro-Environment Research, 2019, 23, 1-9.	1.0	11
36	MECHANISM OF LATE RECOVERY OF RIVER MOUTH MORPHOLOGY AFTER THE 2011 TOHOKU TSUNAMI. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2019, 75, 1_733-1_738.	0.0	0

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37	MOPHOLOGY CHANGE AND RECOVERY PROCESS OF SANDY COAST AND SANDSPIT AT THE NATORI RIVER MOUTH AFTER THE 2011 TSUNAMI. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2019, 75, I_797-I_802.	0.0	3
38	ONE-DIMENSIONAL NUMERICAL SIMULATION OF TSUNAMI PROPAGATION CONSIDERING TRANSITION OF A FRICTION FACTOR. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2019, 75, I_697-I_702.	0.0	0
39	RECOVERY PROCESS OF SANDSPIT AND SAND TERRACE AT THE ABUKUMA RIVER MOUTH AFTER THE 2011 TOHOKU TSUNAMI. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2019, 75, I_673-I_678.	0.0	1
40	SAND SPIT ELONGATION AND BREACHING AT THE LY HOA RIVER MOUTH, NORTHERN VIETNAM. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2019, 75, I_739-I_744.	0.0	0
41	NUMERICAL ANALYSIS OF BOTTOM BOUNDARY LAYER UNDER TSUNAMI. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2019, 75, I_13-I_18.	0.0	1
42	Estuarine morphology recovery after the 2011 Great East Japan earthquake tsunami. Marine Geology, 2018, 398, 112-125.	0.9	11
43	Estuarine hydrodynamics and morphodynamics: a perspective. Coastal Engineering Journal, 2018, 60, 385-386.	0.7	1
44	Numerical experiments on effect of river mouth morphology on tsunami behavior in rivers. Coastal Engineering Journal, 2018, 60, 516-531.	0.7	3
45	Analysis of shoreline change in Cua Dai beach by using Empirical Orthogonal Function. Coastal Engineering Journal, 2018, 60, 548-565.	0.7	3
46	Theory for Erosion Wave Propagation in Cua Dai Beach, Vietnam. Journal of Coastal Research, 2018, 85, 621-625.	0.1	0
47	Seasonal Variation of Morphology and Sediment Movement on Nha Trang Coast, Vietnam. Journal of Coastal Research, 2018, 81, 22.	0.1	8
48	Sand Spit Elongation and Sediment Balance at Cua Lo Inlet in Central Vietnam. Journal of Coastal Research, 2018, 81, 32.	0.1	11
49	ELONGATION OF SAND SPIT AT THE LOC AN RIVER MOUTH, SOUTHERN VIETNAM. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2018, 74, I_695-I_700.	0.0	5
50	CHARACTERISTICS BOUNDARY LAYER AND BOTTOM SHEAR STRESS BENEATH TSUNAMI WAVES. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2018, 74, I_313-I_318.	0.0	1
51	The Yamamoto Coast Over Five Years; The Reconstruction of an Embankment with Tsunami-Induced Embayment. Advances in Natural and Technological Hazards Research, 2018, , 387-403.	1.1	1
52	BEACH MORPHOLOGICAL RESPONSE DUE TO LAND SUBSIDENCE AND RISING PROCESSES AFTER THE 2011 TOHOKU EARTHQUAKE. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2018, 74, I_859-I_864.	0.0	0
53	NUMERICAL STUDY OF TSUNAMI PROPAGATION USING A TURBULENCE MODEL. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2018, 74, I_163-I_168.	0.0	0
54	Sandy Beach Restoration Using Beach Nourishment Method: A Case Study of Nha Trang Beach, Vietnam. Journal of Coastal Research, 2018, 81, 57.	0.1	6

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55	Wave set-up height in river entrances due to extreme waves. Procedia IUTAM, 2017, 25, 10-17.	1.2	1
56	INVESTIGATION OF MORPHOLOGICAL CHANGE AT THE CUA DAI RIVER MOUTH THROUGH SATELLITE IMAGE ANALYSIS. Coastal Engineering Proceedings, 2017, , 9.	0.1	2
57	A Method for Correcting Tidal Effect on Shoreline Position Extracted from an Image with Unknown Capture Time. Geosciences (Switzerland), 2017, 7, 62.	1.0	11
58	Shoreline Response to a Sequence of Typhoon and Monsoon Events. Water (Switzerland), 2017, 9, 364.	1.2	20
59	STORM SURGE PROTECTION BY TSUNAMI SEAWALLS IN SENDAI, JAPAN. Coastal Engineering Proceedings, 2017, , 2.	0.1	2
60	Characteristics of Salt Water Movement in Iwaki River Estuary, Japan. Journal of Earth Science and Engineering, 2017, 7, .	0.2	0
61	BACKFILLING OF SANDY COAST BREACHING AFTER THE 2011 TSUNAMI. Coastal Engineering Proceedings, 2017, , 11.	0.1	0
62	Coastal Morphology Change Before and After 2011 Off the Pacific Coast of Tohoku Earthquake Tsunami at Rikuzen-Takata Coast. Coastal Engineering Journal, 2016, 58, 1640016-1-1640016-16.	0.7	17
63	Characteristics of Shoreline Retreat Due to the 2011 Tohoku Earthquake and Tsunami and Its Recovery After Three Years. Coastal Research Library, 2016, , 113-123.	0.2	4
64	Prediction of the 2011 Tohoku Tsunami Scouring near Structures. Journal of Coastal Research, 2016, 75, 872-876.	0.1	0
65	A New Computation Method of Bottom Shear Stress under Tsunami Waves. Journal of Coastal Research, 2016, 75, 1247-1251.	0.1	6
66	Tsunami Bores in Kitakami River. Pure and Applied Geophysics, 2016, 173, 4039-4054.	0.8	19
67	Experimental Study on Embankment Reinforcement by Steel Sheet Pile Structure Against Tsunami Overflow. Coastal Engineering Journal, 2016, 58, 1640018-1-1640018-18.	0.7	16
68	INTERRELATIONSHIP BETWEEN SERIOUS SHORELINE RETREAT AND SAND TERRACE FORMATION ON CUA DAI BEACH, CENTRAL VIETNAM. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_361-I_366.	0.0	1
69	RECOVERY OF TSUNAMI-INDUCED CONCAVE SHORELINE BOUNDED BY HEADLANDS. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2016, 72, I_367-I_372.	0.0	1
70	NUMERICAL SIMULATION OF TSUNAMI RIVER RUNUP BY SIMULTANEOUS COUPLING METHOD. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2016, 72, I_259-I_264.	0.0	0
71	RECOVERY OF LITTORAL SYSTEM ON SENDAI COAST AFTER THE GREAT EAST JAPAN EARTHQUAKE TSUNAMI. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2016, 72, I_769-I_774.	0.0	1
72	TIDAL CORRECTION METHOD FOR SHORELINE POSITION EXTRACTED FROM GOOGLE EARTH IMAGES. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2016, 72, I_61-I_66.	0.0	1

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73	EFFECT OF SEASONAL WAVES ON NET LONGSHORE SEDIMENT TRANSPORT, NHA TRANG COAST, VIETNAM. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2016, 72, L_547-L_552.	0.0	2
74	Numerical Study on Tsunami Propagation into a River. Journal of Coastal Research, 2016, 75, 1017-1021.	0.1	5
75	Morphological Characteristics of River Mouths After the 2011 Tohoku Tsunami in Miyagi Prefecture. Coastal Research Library, 2016, , 137-152.	0.2	7
76	Investigating the 2011 Tsunami Impact on the Teizan Canal and the Old River Mouth in Sendai Coast. Miyagi Prefecture; Japan. Coastal Research Library, 2016, , 125-136.	0.2	0
77	Tsunami Bores in Kitakami River. Pageoph Topical Volumes, 2016, , 4039-4054.	0.2	0
78	Analytical Model for Concave Shoreline Induced by the 2011 Tsunami. Procedia Engineering, 2015, 126, 214-217.	1.2	0
79	THEORY FOR BACKFILLING OF TSUNAMI-INDUCED BEACH EROSION. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2015, 71, L_635-L_640.	0.0	2
80	SCOURING MECHANISM AROUND STRUCTURE BY RETURN FLOW OF TSUNAMI CONSIDERING LIQUEFACTION. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2015, 71, L_241-L_246.	0.0	1
81	THEORETICAL STUDY ON THE RECOVERY PROCESS OF THE CONCAVE LANDFORM AFTER THE TSUNAMI. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2015, 71, L_31-L_36.	0.0	6
82	EROSION MECHANISM OF CUA DAI BEACH, CENTRAL VIETNAM. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2015, 71, L_449-L_454.	0.0	1
83	EXPERIMENTS ON LOCAL SCOUR BEHIND COASTAL DIKES INDUCED BY TSUNAMI OVERFLOW. Coastal Engineering Proceedings, 2015, 1, 62.	0.1	10
84	ASSESSMENT OF PROPAGATION CHARACTERISTICS FOR TSUNAMI WAVE ASCENDING RIVER. Coastal Engineering Proceedings, 2015, 1, 19.	0.1	2
85	BREACHING AND TSUNAMI WATER DRAINAGE AT OLD RIVER MOUTH LOCATIONS DURING THE 2011 TSUNAMI. Coastal Engineering Proceedings, 2015, 1, 5.	0.1	4
86	Characteristics of Sediment Concentration and Suspended Sediment Transport Due to Horizontal and Vertical Asymmetric Waves. Procedia Earth and Planetary Science, 2015, 14, 186-192.	0.6	0
87	Tsunami Observations in Rivers from a Perspective of Tsunami Interaction with Tide and Riverine Flow. Pure and Applied Geophysics, 2015, 172, 953-968.	0.8	32
88	Modelling of the COD, TSS, Phosphate and Nitrate Distribution Due to the Sidoardjo Mud Flow into Porong River Estuary. Procedia Earth and Planetary Science, 2015, 14, 144-151.	0.6	9
89	ANALYSIS OF SHORELINE BEHAVIOR ON SENDAI COAST BEFORE AND AFTER THE 2011 TSUNAMI. Coastal Engineering Proceedings, 2015, 1, 82.	0.1	2
90	SCOURING FACTOR AROUND BREACHED COASTAL LEVEES BROKEN BY 2011 TOHOKU EARTHQUAKE TSUNAMI. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, L_1153-L_1158.	0.0	0

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91	Morphological Changes Along the Ishinomaki Coast Induced by the 2011 Great East Japan Tsunami and the Relationship with Coastal Structures. Coastal Engineering Journal, 2014, 56, 1450016-1-1450016-21.	0.7	15
92	Morphological changes at the Nanakita River mouth after the Great East Japan Tsunami of 2011. Coastal Engineering, 2014, 86, 14-26.	1.7	30
93	Study on the relation of river morphology and tsunami propagation in rivers. Ocean Dynamics, 2014, 64, 1319-1332.	0.9	25
94	SENSITIVITY ANALYSIS OF RELATIONSHIP BETWEEN TSUNAMI DISASTER AND COASTAL EMBANKMENT STRUCTURE. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2014, 70, I_43-I_48.	0.0	3
95	An Estimation of Land Subsidence due to the 2011 Earthquake using Measured Water Level Data. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_216-I_220.	0.0	5
96	Shoreline Retreat due to Sink Effect in the Vicinity to a River Mouth Scoured by The 2011 Tsunami. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2014, 70, I_506-I_510.	0.0	3
97	Breach process simulation of coastal levees broken by the 2011 Tsunami. Journal of Coastal Research, 2014, 70, 302-307.	0.1	1
98	Effects of mud flows from the LUSI mud volcano on the Porong River estuary, Indonesia. Journal of Coastal Research, 2014, 70, 568-573.	0.1	8
99	Boundary layer approach in the modeling of breaking solitary wave runup. Coastal Engineering, 2013, 73, 167-177.	1.7	14
100	EXPERIMENTAL RESEARCH ON DETACHED BREAKWATERSâ€™ EFFECT ON TSUNAMI DISASTER MITIGATION. , 2013, ..		1
101	A STUDY ON FACTORS RELATED TO LONG-TERM ENVIRONMENTAL CHANGES IN LAKE JUSAN. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2013, 69, I_1507-I_1512.	0.0	2
102	Beach Morphology Change of Southern Sendai Coast due to 2011 Tohoku Earthquake Tsunami. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2013, 69, I_1391-I_1395.	0.0	8
103	Morphology Changes on Sendai Coast after the 2011 Great East-Japan Earthquake Tsunami. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2013, 69, I_611-I_615.	0.0	1
104	SENSITIVITY ANALYSIS OF SHORE-PARALLEL CANAL FOR TSUNAMI WAVE ENERGY REDUCTION. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2013, 69, I_401-I_406.	0.0	4
105	Morphology Changes on Ishinomaki Coast due to The Great East Japan Tsunami. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2013, 69, I_281-I_285.	0.0	0
106	Breaching and Tsunami Water Drainage at Old River Mouth Locations during The 2011 Tsunami. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2013, 69, I_411-I_415.	0.0	2
107	Breaking process and mechanism of coastal levees on Sendai Bay Coast hit by the 2011 mega tsunami. Journal of Coastal Research, 2013, 65, 772-777.	0.1	7
108	Estimation of Wave Celerity, Discharge and Flow Velocity of Tsunami Propagating into A River. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2013, 69, I_256-I_260.	0.0	1

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109	Relationship between Tsunami Disasters and Coastal Embankment Structure. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2013, 69, I_346-I_350.	0.0	0
110	DISCUSSION OF OVERWASH PREVENTION CONSTRUCTION ON THE NORTHERN PART OF SENDAI COAST., 2013, , .		1
111	THE EFFECT OF SENDAI PORT BREAKWATER TO SEDIMENT MOVEMENT ON ITS VICINITY. , 2013, , .		0
112	Bed stress assessment under solitary wave run-up. Earth, Planets and Space, 2012, 64, 945-954.	0.9	11
113	Coastal and Estuarine Morphology Changes Induced by the 2011 Great East Japan Earthquake Tsunami. Coastal Engineering Journal, 2012, 54, 1250010-1-1250010-25.	0.7	126
114	Impact of the 2011 Tohoku Earthquake and Tsunami on Beach Morphology Along the Northern Sendai Coast. Coastal Engineering Journal, 2012, 54, 1250009-1-1250009-15.	0.7	93
115	Applicability of CADMAS-SURF to evaluate detached breakwater effects on solitary tsunami wave reduction. Earth, Planets and Space, 2012, 64, 955-964.	0.9	11
116	Nationwide Post Event Survey and Analysis of the 2011 Tohoku Earthquake Tsunami. Coastal Engineering Journal, 2012, 54, 1250001-1-1250001-27.	0.7	337
117	Investigation on Depth of Closure Influenced by Wave Reflection from Coastal Structures. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2012, 68, I_708-I_713.	0.0	0
118	Verification of a Numerical Model Coupling between Shallow Water Equation and $k^{-1}\omega$; Model for Simulating Breaking Solitary Wave Run-Up. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2012, 68, I_11-I_15.	0.0	0
119	River Mouth Morphology Changes at the Nanakita River Mouth After The Great East Japan Tsunami. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2012, 68, I_601-I_605.	0.0	1
120	Breaching of Sandy Coast and Spit Due To The 2011 Tsunami and Their Recovery. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2012, 68, I_581-I_585.	0.0	1
121	INVESTIGATION OF TSUNAMI PROPAGATION CHARACTERISTICS IN RIVER AND ON LAND INDUCED BY THE GREAT EAST JAPAN EARTHQUAKE 2011. Journal of Earthquake and Tsunami, 2012, 06, 1250033.	0.7	26
122	EXPERIMENTAL STUDY ON TRANSITION TO TURBULENCE IN SOLITARY WAVE BOUNDARY LAYER. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_43-I_48.	0.0	0
123	Validation of a new generation system for bottom boundary layer beneath solitary wave. Coastal Engineering, 2012, 59, 46-56.	1.7	15
124	THE 2010 CHILEAN AND THE 2011 TOHOKU TSUNAMI WAVES IMPACT TO RIVERS IN THE TOHOKU REGION, JAPAN. Coastal Engineering Proceedings, 2012, 1, 7.	0.1	4
125	DEPTH OF CLOSURE DETERMINATION IN THE VICINITY OF COASTAL STRUCTURE. Coastal Engineering Proceedings, 2012, 1, 87.	0.1	3
126	CHARACTERIZATION OF TRANSITION TO TURBULENCE IN SOLITARY WAVE BOUNDARY LAYER. Coastal Engineering Proceedings, 2012, 1, 22.	0.1	1

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127	EDDY VISCOSITY PROFILES FOR WAVE BOUNDARY LAYERS: VALIDATION AND CALIBRATION BY A $k-\epsilon$ MODEL. Coastal Engineering Proceedings, 2012, 1, 63.	0.1	6
128	Evaluation de profils de viscosité turbulente en couches limites oscillantes par un modèle à deux équations $k-\epsilon$. , 2012, , .		0
129	Earthquake, Geology, and Tsunami. Geotechnical, Geological and Earthquake Engineering, 2012, , 29-113.	0.1	0
130	BED STRESS INVESTIGATION UNDER BREAKING SOLITARY WAVE RUNUP. Coastal Engineering Proceedings, 2012, 1, 23.	0.1	0
131	BED STRESS IMPORTANCE UNDER SOLITARY WAVE RUN UP. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_241-I_246.	0.0	1
132	CLOSED CONDUIT SYSTEM FOR THE GENERATING BOUNDARY LAYER INDUCED BY SOLITARY WAVE. Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering), 2011, 67, I_613-I_618.	0.0	0
133	Effect of river mouth morphology on tsunami propagation ascending rivers. Journal of Japan Society of Civil Engineers Ser A2 (Applied Mechanics (AM)), 2011, 67, I_607-I_614.	0.1	1
134	Influence of River Mouth Topography and Tidal Variation on Tsunami Propagation into Rivers. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2011, 67, I_246-I_250.	0.0	5
135	Boundary Layer Assessment under Breaking Solitary Wave Run Up. Journal of Japan Society of Civil Engineers Ser A2 (Applied Mechanics (AM)), 2011, 67, I_599-I_606.	0.1	0
136	Coupling between Shallow Water Equation and $k-\epsilon$ Model for Simulating Breaking Solitary Wave Run-Up. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2011, 67, I_41-I_45.	0.0	0
137	VALIDITY OF GENERATION SYSTEM FOR SOLITARY WAVE BOUNDARY LAYER. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2011, 67, I_235-I_240.	0.0	1
138	Boundary Layer under Oscillatory Wave. ISRN Applied Mathematics, 2011, 2011, 1-8.	0.5	1
139	AERIAL PHOTOGRAPH OF SENDAI COAST FOR SHORELINE BEHAVIOR ANALYSIS. Coastal Engineering Proceedings, 2011, 1, 92.	0.1	11
140	MORPHOLOGY VARIABILITY IN THE VICINITY OF COASTAL STRUCTURES. Coastal Engineering Proceedings, 2011, 1, 69.	0.1	0
141	LABORATORY EXPERIMENT ON CROSS-SHORE BARRIER SPIT EVOLUTION BY STORM DYNAMICS. Coastal Engineering Proceedings, 2011, 1, 32.	0.1	0
142	MONTHLY VARIATION OF WAVE SET-UP HEIGHT IN THE YONESHIRO RIVER MOUTH. Coastal Engineering Proceedings, 2011, 1, 39.	0.1	0
143	Coupling between Shallow Water Equation and $k-\epsilon$ Model for Simulating Solitary Wave Run-Up. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2010, 66, 91-95.	0.0	1
144	Two-equation turbulence modeling of an oscillatory boundary layer under steep pressure gradient. Canadian Journal of Civil Engineering, 2010, 37, 648-656.	0.7	7

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145	CHARACTERISTICS OF BACKFLOW IN IWAKI RIVER MOUTH. , 2010, , 135-142.		0
146	TURBULENCE MODELING OF A WAVE BOUNDARY LAYER ON A ROUGH BOTTOM. , 2009, , .		0
147	Modeling of a Rough-Wall Oscillatory Boundary Layer Using Two-Equation Turbulence Models. Journal of Hydraulic Engineering, 2009, 135, 60-65.	0.7	23
148	Grid dependence of k- ϵ model for oscillatory boundary layers. Water Management, 2009, 162, 371-377.	0.4	1
149	Developing a hybrid multi- ϵ model for peak flood forecasting. Hydrological Processes, 2009, 23, 1725-1738.	1.1	42
150	Effect of bed roughness on turbulent boundary layer and net sediment transport under asymmetric waves. Coastal Engineering, 2009, 56, 960-969.	1.7	24
151	Numerical modeling of boundary layer flows for a solitary wave. Journal of Hydro-Environment Research, 2009, 3, 129-137.	1.0	23
152	Influence of Tidal Inlet Depth on Water Level Response and Salinity Intrusion in A Lagoon. Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering), 2009, 65, 416-420.	0.0	0
153	A NEW EMPIRICAL FORMULA FOR COASTAL WASHOVER SEDIMENT VOLUME. , 2009, , .		3
154	Infiltration Flow Through a Sand Spit at the Nanakita River Mouth. , 2009, , 1250-1254.		0
155	Simulation of Salinity Intrusion Into Nanakita River, Japan, Taking Into Account Effects of Morphological Changes And Wave Set-Up. , 2009, , 1401-1406.		0
156	MORPHODYNAMICS AT RIVER MOUTH: MU RIVER MOUTH, JAPAN. , 2009, , .		1
157	WAVE SETUP AT DIFFERENT RIVER ENTRANCE MORPHOLOGIES. , 2009, , .		3
158	A PREDICTION FOR SAND BAR FORMATION AT THE MOUTH OF TAKASE FLOOD DIVERSION CHANNEL, JAPAN. , 2009, , .		0
159	INVESTIGATION OF TURBULENT BOUNDARY LAYER CHARACTERISTIC UNDER OSCILLATORY WAVE. , 2009, , .		0
160	Characteristics of turbulent boundary layers over a rough bed under saw-tooth waves and its application to sediment transport. Coastal Engineering, 2008, 55, 1102-1112.	1.7	57
161	Coastal and River Mouth Morphology Change in Sri Lanka Due to the 2004 Indian Ocean Tsunami. , 2007, , 842.		7
162	HYDRO- AND MORPHO-DYNAMICS AT RIVER ENTRANCES. Proceedings of Hydraulic Engineering, 2007, 51, K9-K11.	0.0	0

#	ARTICLE	IF	CITATIONS
163	Modification of the damping function in the $k\epsilon^2$ model to analyse oscillatory boundary layers. Ocean Engineering, 2007, 34, 320-326.	1.9	12
164	Full-range equation for wave boundary layer thickness. Coastal Engineering, 2007, 54, 639-642.	1.7	18
165	SHEAR STRESS AND SEDIMENT TRANSPORT RATE CALCULATIONS FOR NON-LINEAR WAVES. , 2007, , .		2
166	APPLICATION OF OLD MAPS FOR STUDYING LONG-TERM SHORELINE CHANGE. , 2007, , .		0
167	RESPONSE OF SAND BAR AT A JETTIED RIVER ENTRANCE TO PERPENDICULAR WAVES. , 2007, , .		0
168	ESTIMATION OF TIME-DEPENDENT WAVE SET-UP HEIGHT IN A RIVER ENTRANCE. , 2007, , .		0
169	STUDY ON WATER LEVEL FLUCTUATION DUE TO WAVE SET-UP IN A RIVER MOUTH. Doboku Gakkai Ronbunshuu B, 2006, 62, 210-223.	0.1	3
170	CHARACTERISTICS OF TURBULENT BOUNDARY LAYER OVER A ROUGH BED UNDER CNOIDAL WAVES MOTION. Proceedings of Hydraulic Engineering, 2006, 50, 121-126.	0.0	2
171	Prediction of instantaneous bottom shear stress for smooth turbulent bottom boundary layers under irregular waves. Journal of Hydraulic Research/De Recherches Hydrauliques, 2006, 44, 94-106.	0.7	13
172	Hydrodynamic Behavior of Asymmetric Oscillatory Boundary Layers at Low Reynolds Numbers. Journal of Hydraulic Engineering, 2006, 132, 1086-1096.	0.7	7
173	Internal Tides and Autumn Slack Water in Nomi Bay, Japan. Coastal Engineering Journal, 2006, 48, 257-278.	0.7	2
174	SHORT-TERM PREDICTION OF COASTAL RECESSON AROUND SANDWIP ISLAND IN THE NORTHERN BAY OF BENGAL, BANGLADESH. , 2005, , .		0
175	EXPERIMENTAL AND NUMERICAL STUDY OF IRREGULAR WAVE BOUNDARY LAYERS ON A ROUGH BOTTOM. , 2005, , .		0
176	New Method for Calculating Bottom Shear Stress under Skew Waves. Journal of Applied Mechanics, 2004, 7, 1089-1097.	0.1	1
177	RECOVERY PROCESS OF SAND SPIT AT THE NATORI RIVER MOUTH. , 2004, , .		2
178	Development of Profiler System for Suspended Sediment Concentration. , 2004, , .		0
179	FIELD OBSERVATIONS OF BEACH EVOLUTION IN LAKE INAWASIRO, JAPAN. , 2004, , .		0
180	EXPERIMENTAL STUDY ON BOTTOM SHEAR STRESS UNDER SAWTOOTH WAVE. , 2004, , .		0

#	ARTICLE	IF	CITATIONS
181	Visualization of large-scale internal seiche in Lake Inawashiro. Journal of Visualization, 2003, 6, 4-4.	1.1	0
182	Influence of Jetty Construction on Morphology and Wave Set-Up at a River Mouth. Coastal Engineering Journal, 2003, 45, 659-683.	0.7	16
183	ACCELERATION EFFECT ON SHEAR STRESS IN TURBULENT BOTTOM BOUNDARY LAYER UNDER SAW-TOOTH WAVES. Proceedings of Hydraulic Engineering, 2003, 47, 811-816.	0.0	1
184	SEDIMENT INTRUSION INTO GAMO LAGOON BY WAVE OVERTOPPING. , 2003, , .		4
185	INVESTIGATION OF ROUGH BOTTOM BOUNDARY LAYER UNDER IRREGULAR WAVES. Proceedings of Hydraulic Engineering, 2002, 46, 869-874.	0.0	1
186	RELATION BETWEEN WAVE-INDUCED CURRENT AND ALGAE COMMUNITY ON ARTIFICIAL REEF. Proceedings of Hydraulic Engineering, 2002, 46, 977-982.	0.0	1
187	PREDICTION OF WATER LEVEL IN A RIVER MOUTH USING NEURAL NETWORK APPROACH. , 2002, , .		1
188	Field Observation of Water Temperature in Lake Inawashiro and Its Visualization. Transactions of Visualization Soc of Japan, 2002, 22, 64-70.	0.2	0
189	NUMERICAL SIMULATION OF EFFLUENT FLOW AT THE NATORI RIVER MOUTH USING BOUNDARY-FITTED COORDINATES. , 2002, , .		0
190	ANALYSIS OF SHORELINE CHANGE ON SENDAI COAST USING EMPIRICAL EIGENFUNCTION METHOD. , 2002, , .		0
191	COMPARISON BETWEEN NUMERICAL SIMULATION AND EXPERIMENT FOR INTAKE CHANNEL FLOW WITH 90 DEGREE BEND AND GRADUAL EXPANSION. , 2002, , .		0
192	SHORELINE CHANGE AROUND THE MOUTH OF NAGASE RIVER IN LAKE INAWASHIRO. , 2002, , .		1
193	FLOW AND SALINITY MODELING IN THE MEGHNA ESTUARY, BANGLADESH. , 2002, , .		0
194	UTILIZATION OF TWO-LAYER TURBULENCE MODELS TO ANALYZE AN OSCILLATORY BOUNDARY LAYER ON A SMOOTH BOTTOM. , 2002, , .		0
195	EFFECT OF WAVE-INDUCED CURRENT ON ALGAL COMMUNITY DEVELOPMENT ON ARTIFICIAL REEFS. , 2002, , .		0
196	DIRECT MEASUREMENT OF BOTTOM SHEAR STRESS UNDER IRREGULAR WAVES. , 2002, , .		0
197	Observation of Wave Set-Up Height in a River Mouth. , 2001, , 3458.		14
198	Separation of Shoreline Change Caused by Cross-Shore and Longshore Sediment Transports. , 2001, , 192.		2

#	ARTICLE	IF	CITATIONS
199	Estimating Instantaneous turbulent Bottom Shear Stress under Irregular Waves. Journal of Applied Mechanics, 2000, 3, 797-804.	0.1	4
200	Review of $k - \hat{\mu}$ Model to Analyze Oscillatory Boundary Layers. Journal of Hydraulic Engineering, 2000, 126, 701-710.	0.7	23
201	Depth-Limited Oscillatory Boundary Layers on a Rough Bottom. Coastal Engineering Journal, 1999, 41, 85-105.	0.7	11
202	Experimental Study on Non-Linear Wave Boundary Layers. , 1999, , .		0
203	Theoretical and Experimental Investigation on Laminar Boundary Layers Under Cnoidal Wave Motion. Coastal Engineering Journal, 1998, 40, 81-98.	0.7	29
204	A Generation Method of Asymmetric Oscillatory Motion Simulating Cnoidal Waves. Coastal Engineering Journal, 1998, 40, 291-306.	0.7	3
205	OSCILLATORY BOTTOM BOUNDARY LAYER UNDER IRREGULAR WAVES. Journal of Applied Mechanics, 1998, 1, 747-755.	0.1	4
206	Complete Closure of the Nanakita River Mouth in 1994. , 1997, , 4545.		0
207	Improvement of the full-range equation for bottom friction under three-dimensional wave-current combined motion. Coastal Engineering, 1997, 31, 217-229.	1.7	2
208	An Estimation Method of Gorge Section at a Small River Mouth. Coastal Engineering Journal, 1996, 39, 27-38.	0.2	10
209	Field application of a numerical model for river mouth topography change. Proceedings of Hydraulic Engineering, 1996, 40, 953-958.	0.0	0
210	BOTTOM SHEAR STRESS PREDICTION FOR THREE DIMENSIONAL WAVE-CURRENT BOUNDARY LAYER. Doboku Gakkai Ronbunshu, 1996, 1996, 273-277.	0.2	0
211	Geometry of Sand Ripples due to Combined Wave-Current Flows. Journal of Waterway, Port, Coastal and Ocean Engineering, 1996, 122, 298-300.	0.5	16
212	Initial motion of sediment under waves and wave-current combined motions. Coastal Engineering, 1995, 25, 153-163.	1.7	16
213	Time-Varying Bottom Friction Due to Waves and Current Interacting at an Arbitrary Angle. Coastal Engineering Journal, 1994, 37, 137-151.	0.2	4
214	Full-range equation of friction coefficient and phase difference in a wave-current boundary layer. Coastal Engineering, 1994, 22, 237-254.	1.7	67
215	WAVE-CURRENT FRICTION LAW SPANNING ALL FLOW REGIMES. Doboku Gakkai Ronbunshu, 1993, 1993, 93-102.	0.2	10
216	Field Investigation at a Mouth of Small River. , 1993, , 2486.		5

#	ARTICLE	IF	CITATIONS
217	An Explicit Expression of Friction Coefficient for Wave-Current Coexistent Motion. Coastal Engineering Journal, 1992, 35, 83-91.	0.2	18
218	INTERACTIONS OF WAVES AND CURRENT (Part I: Experimental Investigation). Coastal Engineering Journal, 1992, 35, 167-186.	0.2	4
219	INTERACTIONS OF WAVES AND CURRENT (Part II: Numerical Computation). Coastal Engineering Journal, 1992, 35, 187-204.	0.2	0
220	Bottom Boundary Layer Under Nonlinear Wave Motion. Journal of Waterway, Port, Coastal and Ocean Engineering, 1989, 115, 40-57.	0.5	9
221	Bed Load Transport Due to Non-Linear Wave Motion. , 1989, , 1803.		0
222	Numerical calculation of bottom deposit classification in wave and flow coexisting field.. Proceedings of Coastal Engineering Jsce, 1989, 36, 264-268.	0.1	5
223	BED LOAD TRANSPORT DUE TO NON-LINEAR WAVE MOTION. Coastal Engineering Proceedings, 1988, , 133.	0.1	1
224	Bed Load Transport of Sediment with Non-Uniform Grain Size Due to Wave Motion. Coastal Engineering Journal, 1988, 31, 265-276.	0.2	4
225	A CONFORMAL MAPPING OF A FINITE REGION BOUNDED BY WAVY WALLS. Doboku Gakkai Ronbunshu, 1986, 1986, 319-322.	0.2	6
226	Sand Movement Due to Wave-Current Combined Motion. Coastal Engineering Journal, 1984, 27, 179-191.	0.2	7
227	FRICTION LAWS AND FLOW REGIMES UNDER WAVE AND CURRENT MOTION. Journal of Hydraulic Research/De Recherches Hydrauliques, 1984, 22, 245-261.	0.7	22
228	Experiments on an Oscillatory Flow Accompanied with a Unidirectional Motion. Coastal Engineering Journal, 1983, 26, 19-37.	0.2	12
229	Friction Coefficient for a Wave-Current Coexistent System. Coastal Engineering Journal, 1981, 24, 105-128.	0.2	51
230	Impact of the 2011 Tohoku Earthquake and Tsunami on Beach Morphology Along the Northern Sendai Coast. , 0, .		1
231	Coastal and Estuarine Morphology Changes Induced by the 2011 Great East Japan Earthquake Tsunami. , 0, .		1
232	SEDIMENT DEPOSIT IN LAKE TUNI, BOLOVIA " EXPERIMENTAL STUDY AND PREDICTIVE MODEL. , 0, , 185-195.		0