

Tetsuya Shintani

List of Publications by Year in descending order

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Version: 2024-02-01

25
papers

368
citations

840119

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all docs

25
docs citations

25
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of interaction between morphology and flow structure in a meandering macro-tidal estuary using 3-D hydrodynamic modeling. <i>Estuarine, Coastal and Shelf Science</i> , 2022, 264, 107687.	0.9	6
2	VALIDATION OF SAV MODEL USING LABORATORY EXPERIMENTS. <i>Journal of Japan Society of Civil Engineers Ser B3 (Ocean Engineering)</i> , 2021, 77, 1_205-1_210.	0.0	0
3	Effect of coastal boundary representation on basin-scale internal waves. <i>Coastal Engineering Journal</i> , 2021, 63, 160-173.	0.7	0
4	Mediating the Effects of Climate on the Temperature and Thermal Structure of a Monomictic Reservoir through Use of Hydraulic Facilities. <i>Water (Switzerland)</i> , 2021, 13, 1128.	1.2	3
5	Thermal stratification responses of a monomictic reservoir under different seasons and operation schemes. <i>Science of the Total Environment</i> , 2021, 767, 144423.	3.9	24
6	Effect of pycnocline thickness on internal solitary wave breaking over a slope. <i>Ocean Engineering</i> , 2021, 230, 108884.	1.9	5
7	EFFECT OF PYCNOCLINE THICKNESS ON INTERNAL SOLITARY WAVE BREAKING OVER A SLOPE AND ITS CLASSIFICATION. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2021, 77, 59-73.	0.0	0
8	CLASSIFICATION OF BREAKER BREAKING OVER A UNIFORM SLOPE. <i>Journal of Japan Society of Civil Engineers Ser B2 (Coastal Engineering)</i> , 2021, 77, 1_343-1_348.	0.0	0
9	APPLICATION OF THE MODIFIED GAUSSIAN DISTRIBUTION METHOD TO REPRODUCE WATER TEMPERATURES OF THE OGOUCHI RESERVOIR. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2021, 77, 1_961-1_966.	0.0	1
10	Integration of Submerged Aquatic Vegetation Motion Within Hydrodynamic Models. <i>Water Resources Research</i> , 2020, 56, e2020WR027369.	1.7	21
11	Breaking of Internal Kelvin Waves Shoaling on a Slope. <i>Journal of Geophysical Research: Oceans</i> , 2020, 125, e2020JC016120.	1.0	13
12	A three-dimensional environmental hydrodynamic model, Fantom-Refined: Validation and application for saltwater intrusion in a meso-macrotidal estuary. <i>Ocean Modelling</i> , 2019, 141, 101425.	1.0	12
13	INFLUENCE OF WATER CONTROL FACILITIES ON THERMAL STRATIFICATION OF OGOUCHI RESERVOIR FOR 58 YEARS. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2019, 75, 1_685-1_690.	0.0	4
14	Reversal of Secondary Flows in a Sharp Channel Bend. <i>Coastal Engineering Journal</i> , 2016, 58, 1650002-1-1650002-23.	0.7	28
15	HYDRODYNAMIC SIMULATOR BASED ON BIOLOGICAL-CELL STRUCTURE CONCEPT. <i>Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering)</i> , 2015, 71, 1_751-1_756.	0.0	6
16	Horizontal and residual circulations driven by wind stress curl in Tokyo Bay. <i>Journal of Geophysical Research: Oceans</i> , 2014, 119, 1977-1992.	1.0	47
17	Effects of Diffusive Interface on Mass Transport by Internal Waves Propagating in a Two-layer Fluid System. <i>Journal of Japan Society of Civil Engineers Ser A2 (Applied Mechanics (AM))</i> , 2013, 69, 1_529-1_536.	0.1	0
18	Adaptive management in Kushiro Wetland in the context of salt wedge intrusion due to sea level rise. <i>Hydrological Research Letters</i> , 2013, 7, 1-5.	0.3	19

#	ARTICLE	IF	CITATIONS
19	EFFECT OF TOPOGRAPHY ON SALINITY DISTRIBUTION: A CASE STUDY IN A HIGH-TIDAL RANGE ESTUARY. Journal of Japan Society of Civil Engineers Ser B1 (Hydraulic Engineering), 2012, 68, I_271-I_276.	0.0	0
20	Water Particle Trajectory and Mass Transport of Internal Waves Propagating Over A Constant Slope. Journal of Japan Society of Civil Engineers Ser A2 (Applied Mechanics (AM)), 2012, 68, I_653-I_660.	0.1	2
21	Residual currents over a uniform slope due to breaking of internal waves in a two-layer system. Journal of Geophysical Research, 2012, 117, .	3.3	58
22	Importance of geometric characteristics for salinity distribution in convergent estuaries. Journal of Hydrology, 2012, 448-449, 1-13.	2.3	30
23	A new concept for lower-lying land areas and coastal villages safe from natural disasters. , 2011, , .		3
24	Evaluation of entrainment velocity induced by wind stress in a two-layer system. Hydrological Research Letters, 2010, 4, 70-74.	0.3	23
25	Generalizations of the Wedderburn number: Parameterizing upwelling in stratified lakes. Limnology and Oceanography, 2010, 55, 1377-1389.	1.6	63