

Jassiel Vladimir Hernández Fontes

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

328
citations

840776

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888059

17
g-index

31
all docs

31
docs citations

31
times ranked

166
citing authors

#	ARTICLE	IF	CITATIONS
1	Green water evolution on a fixed structure induced by incoming wave trains. <i>Mechanics Based Design of Structures and Machines</i> , 2022, 50, 3040-3068.	4.7	8
2	On the Evolution of Different Types of Green Water Events”Part II: Applicability of a Convolution Approach. <i>Water (Switzerland)</i> , 2022, 14, 510.	2.7	2
3	A Technical Assessment of Offshore Wind Energy in Mexico: A Case Study in Tehuantepec Gulf. <i>Energies</i> , 2022, 15, 4367.	3.1	2
4	Flow kinematics in the generation of different types of green water events with incident wave trains. <i>Ocean Engineering</i> , 2022, 258, 111519.	4.3	2
5	Green water loads using the wet dam-break method and SPH. <i>Ocean Engineering</i> , 2021, 219, 108392.	4.3	11
6	Time fractional diffusion equation for shipping water events simulation. <i>Chaos, Solitons and Fractals</i> , 2021, 143, 110538.	5.1	11
7	Toward More Sustainable River Transportation in Remote Regions of the Amazon, Brazil. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 2077.	2.5	7
8	Virtual Level Analysis Applied to Wave Flume Experiments: The Case of Waves-Cubipod Homogeneous Low-Crested Structure Interaction. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 230.	2.6	4
9	On the Evolution of Different Types of Green Water Events. <i>Water (Switzerland)</i> , 2021, 13, 1148.	2.7	8
10	Assessing Hydrokinetic Energy in the Mexican Caribbean: A Case Study in the Cozumel Channel. <i>Energies</i> , 2021, 14, 4411.	3.1	9
11	A CFD Numerical Study to Evaluate the Effect of Deck Roughness and Length on Shipping Water Loading. <i>Water (Switzerland)</i> , 2021, 13, 2063.	2.7	2
12	A Detailed Description of Flow-Deck Interaction in Consecutive Green Water Events. <i>Journal of Offshore Mechanics and Arctic Engineering</i> , 2021, 143, .	1.2	7
13	Computational Fluid Dynamics Applied to River Boat Hull Optimization. <i>Marine Technology Society Journal</i> , 2021, 55, 94-108.	0.4	2
14	Wet dam-break simulation using the SPS-LES turbulent contribution on the WCMPs method to evaluate green water events. <i>Computational Particle Mechanics</i> , 2020, 7, 705-724.	3.0	8
15	CFD Simulations of Multiphase Flows: Interaction of Miscible Liquids with Different Temperatures. <i>Water (Switzerland)</i> , 2020, 12, 2581.	2.7	11
16	A simplified and open-source approach for multiple-valued water surface measurements in 2D hydrodynamic experiments. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	5
17	Violent water-structure interaction: Overtopping features and vertical loads on a fixed structure due to broken incident flows. <i>Marine Structures</i> , 2020, 74, 102816.	3.8	8
18	Identification of the advection-diffusion equation for predicting green water propagation. <i>Ocean Engineering</i> , 2020, 214, 107658.	4.3	4

#	ARTICLE	IF	CITATIONS
19	Is ocean energy an alternative in developing regions? A case study in Michoacan, Mexico. Journal of Cleaner Production, 2020, 266, 121984.	9.3	27
20	Patterns and vertical loads in water shipping in systematic wet dam-break experiments. Ocean Engineering, 2020, 197, 106891.	4.3	21
21	A 2D Image-Based Approach for CFD Validation of Liquid Mixing in a Free-Surface Condition. Journal of Applied Fluid Mechanics, 2020, 13, .	0.2	3
22	On the Marine Energy Resources of Mexico. Journal of Marine Science and Engineering, 2019, 7, 191.	2.6	26
23	Wave Energy in Tropical Regions: Deployment Challenges, Environmental and Social Perspectives. Journal of Marine Science and Engineering, 2019, 7, 219.	2.6	29
24	Analytical convolution model for shipping water evolution on a fixed structure. Applied Ocean Research, 2019, 82, 415-429.	4.1	18
25	Green Water on A Fixed Structure Due to Incident Bores: Guidelines and Database for Model Validations Regarding Flow Evolution. Water (Switzerland), 2019, 11, 2584.	2.7	15
26	Assessing shipping water vertical loads on a fixed structure by convolution model and wet dam-break tests. Applied Ocean Research, 2019, 82, 63-73.	4.1	19
27	Capturing Two Consecutive Green Water Events by Convolution. , 2019, , .		2
28	Water elevation measurements using binary image analysis for 2D hydrodynamic experiments. Ocean Engineering, 2018, 157, 325-338.	4.3	25
29	On the Generation of Isolated Green Water Events Using Wet Dam-Break. Journal of Offshore Mechanics and Arctic Engineering, 2018, 140, .	1.2	23
30	Use of Wet Dam-Break to Study Green Water Problem. , 2017, , .		3
31	An alternative for estimating shipping water height distribution due to green water on a ship without forward speed. Marine Systems and Ocean Technology, 2015, 10, 38-46.	1.0	6