

Bonaventura Tagliafierro

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1998458/publications.pdf>

Version: 2024-02-01

19
papers

325
citations

932766

10
h-index

996533

15
g-index

19
all docs

19
docs citations

19
times ranked

248
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved relaxation zone method in SPH-based model for coastal engineering applications. Applied Ocean Research, 2018, 81, 15-33.	1.8	58
2	Efficiency and survivability analysis of a point-absorber wave energy converter using DualSPHysics. Renewable Energy, 2020, 162, 1763-1776.	4.3	46
3	SPHERA v.9.0.0: A Computational Fluid Dynamics research code, based on the Smoothed Particle Hydrodynamics mesh-less method. Computer Physics Communications, 2020, 250, 107157.	3.0	40
4	A numerical study of a taut-moored point-absorber wave energy converter with a linear power take-off system under extreme wave conditions. Applied Energy, 2022, 311, 118629.	5.1	25
5	Recent development on the seismic devices for steel storage structures. Thin-Walled Structures, 2020, 155, 106827.	2.7	20
6	Performance Assessment of a Planing Hull Using the Smoothed Particle Hydrodynamics Method. Journal of Marine Science and Engineering, 2021, 9, 244.	1.2	20
7	Modelling a Heaving Point-Absorber with a Closed-Loop Control System Using the DualSPHysics Code. Energies, 2021, 14, 760.	1.6	18
8	A DEM approach for simulating flexible beam elements with the Project Chrono core module in DualSPHysics. Computational Particle Mechanics, 2022, 9, 969-985.	1.5	15
9	Residual displacements for non-degrading bilinear oscillators under seismic actions. Mechanics Research Communications, 2021, 111, 103651.	1.0	14
10	Shake table testing and numerical modelling of a steel pallet racking structure with a seismic isolation system. Thin-Walled Structures, 2021, 164, 107924.	2.7	11
11	A Numerical Validation of 3D Experimental Dam-Break Wave Interaction with a Sharp Obstacle Using DualSPHysics. Water (Switzerland), 2021, 13, 2133.	1.2	11
12	An Optimal Seismic Force Pattern for Uniform Drift Distribution. Buildings, 2019, 9, 231.	1.4	10
13	Numerical modelling of a multi-chambered low-reflective caisson. Applied Ocean Research, 2020, 103, 102325.	1.8	9
14	Numerical Assessment of a Tension-Leg Platform Wind Turbine in Intermediate Water Using the Smoothed Particle Hydrodynamics Method. Energies, 2022, 15, 3993.	1.6	9
15	A NEW OPEN SOURCE SOLVER FOR MODELLING FLUID-STRUCTURE INTERACTION: CASE STUDY OF A POINT-ABSORBER WAVE ENERGY CONVERTER WITH POWER TAKE-OFF UNIT. , 2020, , .		7
16	Free-Surface Flow Simulations with Smoothed Particle Hydrodynamics Method using High-Performance Computing. , 0, , .		5
17	ON THE DEVELOPMENT OF A NOVEL APPROACH FOR SIMULATING ELASTIC BEAMS IN DUALSPHYSICS WITH THE USE OF THE PROJECT CHRONO LIBRARY. , 2021, , .		3
18	Seismic design lateral force distributions based on elastic analysis of structures. AIP Conference Proceedings, 2019, , .	0.3	2

#	ARTICLE	IF	CITATIONS
19	EXPERIMENTAL TESTING CAMPAIGN AND NUMERICAL MODELLING OF AN INNOVATIVE BASE-PLATE CONNECTION FOR PALLET RACKING SYSTEMS. , 2021, , .		2