

Omer Goren

List of Publications by Year in descending order

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Version: 2024-02-01

14
papers

192
citations

1307366

7
h-index

1372474

10
g-index

16
all docs

16
docs citations

16
times ranked

176
citing authors

#	ARTICLE	IF	CITATIONS
1	A numerical investigation into the correction algorithms for SPH method in modeling violent free surface flows. International Journal of Mechanical Sciences, 2014, 79, 56-65.	3.6	57
2	Effect of turbulence modelling on the computation of the near-wake flow of a circular cylinder. Ocean Engineering, 2010, 37, 387-399.	1.9	37
3	Diffraction of oblique waves by thick rectangular barriers. Applied Ocean Research, 2003, 25, 345-353.	1.8	22
4	Investigation of Wave Characteristics in Oscillatory Motion of Partially Filled Rectangular Tanks. Journal of Fluids Engineering, Transactions of the ASME, 2018, 140, .	0.8	22
5	Effect of Vortex Generators on the Flow Around a Circular Cylinder: Computational Investigation with Two-Equation Turbulence Models. Engineering Applications of Computational Fluid Mechanics, 2011, 5, 99-116.	1.5	15
6	Second-order vertical and horizontal wave forces on a circular dock. Ocean Engineering, 1985, 12, 341-361.	1.9	12
7	Modelling of wave generation in a numerical tank by SPH method. Journal of Ocean Engineering and Marine Energy, 2020, 6, 121-136.	0.9	10
8	On the Second-Order Wave Radiation of an Oscillating Vertical Circular Cylinder in Finite-Depth Water. Journal of Ship Research, 1996, 40, 224-234.	0.5	7
9	Second-order wave diffraction by horizontal rectangular barriers. Canadian Journal of Civil Engineering, 2011, 38, 546-555.	0.7	4
10	Mathematical programming basis for ship resistance reduction through the optimization of design waterline. Journal of Marine Science and Technology, 2017, 22, 772-783.	1.3	2
11	Investigation of 2D nonlinear free surface flows by SPH method. , 2011, , 95-100.		1
12	SPH modeling of sway-sloshing notion in a partially filled rectangular tank. , 2013, , .		0
13	Vortical and nonlinear effects in the roll motion of a 2-D body in the free surface investigated by SPH. AIP Conference Proceedings, 2016, , .	0.3	0
14	Nonlinear wave resistance computations as a design tool in hull form improvement studies. , 2006, , 113-119.		0