Omer Goren

List of Publications by Year
in descending order

14 papers	**192** citations	1307594 **7** h-index	1372567 **10** g-index
16 all docs	**16** docs citations	**16** times ranked	**176** citing authors

#	Article	IF	Citations
1	Modelling of wave generation in a numerical tank by SPH method. Journal of Ocean Engineering and Marine Energy, 2020, 6, 121-136.	1.7	10
2	Investigation of Wave Characteristics in Oscillatory Motion of Partially Filled Rectangular Tanks. Journal of Fluids Engineering, Transactions of the ASME, 2018, 140, .	1.5	22
3	Mathematical programming basis for ship resistance reduction through the optimization of design waterline. Journal of Marine Science and Technology, 2017, 22, 772-783.	2.9	2
4	Vortical and nonlinear effects in the roll motion of a 2-D body in the free surface investigated by SPH. AIP Conference Proceedings, 2016, , .	0.4	0
5	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.	6.7	57
6	SPH modeling of sway-sloshing notion in a partially filled rectangular tank. , 2013, , .		0
7	Second-order wave diffraction by horizontal rectangular barriers. Canadian Journal of Civil Engineering, 2011, 38, 546-555.	1.3	4
8	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.	3.1	15
9	Investigation of 2D nonlinear free surface flows by SPH method. , 2011, , 95-100.		1
10	Effect of turbulence modelling on the computation of the near-wake flow of a circular cylinder. Ocean Engineering, 2010, 37, 387-399.	4.3	37
11	Nonlinear wave resistance computations as a design tool in hull form improvement studies. , 2006, , 113-119.		0
12	Diffraction of oblique waves by thick rectangular barriers. Applied Ocean Research, 2003, 25, 345-353.	4.1	22
13	On the Second-Order Wave Radiation of an Oscillating Vertical Circular Cylinder in Finite-Depth Water. Journal of Ship Research, 1996, 40, 224-234.	1.1	7
14	Second-order vertical and horizontal wave forces on a circular dock. Ocean Engineering, 1985, 12, 341-361.	4.3	12