

# Benjamin Bouscasse

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7880117/publications.pdf>

Version: 2024-02-01

14  
papers

249  
citations

1163117

8  
h-index

1125743

13  
g-index

14  
all docs

14  
docs citations

14  
times ranked

232  
citing authors

#	ARTICLE	IF	CITATIONS
1	SPH modelling of viscous flow past a circular cylinder interacting with a free surface. <i>Computers and Fluids</i> , 2017, 146, 190-212.	2.5	64
2	The Diffused Vortex Hydrodynamics Method. <i>Communications in Computational Physics</i> , 2015, 18, 351-379.	1.7	36
3	Computation of flow features and hydrodynamic coefficients around heave plates oscillating near a seabed. <i>Journal of Fluids and Structures</i> , 2015, 59, 406-431.	3.4	31
4	Experimental investigation of a fast catamaran in head waves. <i>Ocean Engineering</i> , 2013, 72, 318-330.	4.3	29
5	Comparison of wave modeling methods in CFD solvers for ocean engineering applications. <i>Ocean Engineering</i> , 2019, 188, 106237.	4.3	19
6	Spectral Wave Explicit Navier-Stokes Equations for wave-structure interactions using two-phase Computational Fluid Dynamics solvers. <i>Ocean Engineering</i> , 2021, 221, 108513.	4.3	17
7	Varying ocean wave statistics emerging from a single energy spectrum in an experimental wave tank. <i>Ocean Engineering</i> , 2022, 246, 110375.	4.3	12
8	Performance of different techniques of generation and absorption of free-surface waves in Computational Fluid Dynamics. <i>Ocean Engineering</i> , 2020, 214, 107575.	4.3	9
9	A Comparative Study on the Nonlinear Interaction Between a Focusing Wave and Cylinder Using State-of-the-art Solvers: Part B. <i>International Journal of Offshore and Polar Engineering</i> , 2021, 31, 11-18.	0.8	7
10	Experimental analysis of wave-induced vertical bending moment in steep regular waves. <i>Journal of Fluids and Structures</i> , 2022, 111, 103547.	3.4	7
11	Generation of Regular and Irregular Waves in Navier-Stokes CFD Solvers by Matching With the Nonlinear Potential Wave Solution at the Boundaries. , 2018, , .		6
12	Round Robin Laboratory Testing of a Scaled 10 MW Floating Horizontal Axis Wind Turbine. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 988.	2.6	5
13	Efficiency of diagonally implicit Runge-Kutta time integration schemes in incompressible two-phase flow simulations. <i>Computer Physics Communications</i> , 2022, 278, 108415.	7.5	5
14	A Heuristic Approach for Inter-Facility Comparison of Results from Round Robin Testing of a Floating Wind Turbine in Irregular Waves. <i>Journal of Marine Science and Engineering</i> , 2021, 9, 1030.	2.6	2