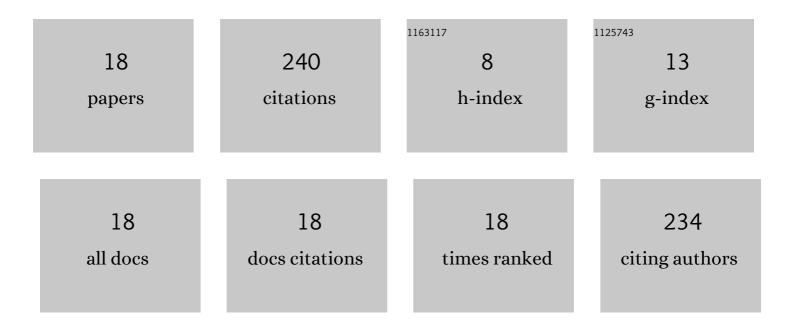
## Wei Qiu

## List of Publications by Year in descending order

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| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | Numerical simulation of water impact for 2D and 3D bodies. Ocean Engineering, 2012, 43, 82-89.  | 4.3 | 59        |
| 2  | Eugenol-modified polysiloxanes as effective anticorrosion additives for epoxy resin coatings. RSC<br>Advances, 2017, 7, 55967-55976.  | 3.6 | 45        |
| 3  | Uncertainties related to predictions of loads and responses for ocean and offshore structures.<br>Ocean Engineering, 2014, 86, 58-67.   | 4.3 | 42        |
| 4  | Benchmark study of global linear wave loads on a container ship with forward speed. Marine<br>Structures, 2022, 84, 103162.   | 3.8 | 17        |
| 5  | An improved higher-order moving particle semi-implicit method for simulations of two-dimensional hydroelastic slamming. Physics of Fluids, 2021, 33, .                            | 4.0 | 13        |
| 6  | Numerical Solution of 3-D Water Entry Problems With a Constrained Interpolation Profile Method.<br>Journal of Offshore Mechanics and Arctic Engineering, 2012, 134, .             | 1.2 | 12        |
| 7  | Improved prediction of 3-D water entry with a CIP method and parallel computing. Ocean Engineering, 2018, 164, 426-442.   | 4.3 | 11        |
| 8  | Solving 2-D water entry problems with a CIP method and a parallel computing algorithm. Marine<br>Systems and Ocean Technology, 2016, 11, 1-9.                                     | 1.0 | 10        |
| 9  | Numerical Solution of Body-Exact Problem in the Time Domain. Journal of Ship Research, 2013, 57, 13-23.   | 1.1 | 7         |
| 10 | Benchmark data and comprehensive uncertainty analysis of two-body interaction model tests in a towing tank. Ocean Engineering, 2019, 171, 663-676.                                | 4.3 | 7         |
| 11 | Solving 2-D highly nonlinear free-surface problems with an improved smoothed particle hydrodynamics method. Marine Systems and Ocean Technology, 2018, 13, 74-86.                 | 1.0 | 6         |
| 12 | Numerical Vortex-Induced Vibration Prediction of Marine Risers in Time-Domain Based on a Forcing<br>Algorithm. Journal of Offshore Mechanics and Arctic Engineering, 2014, 136, . | 1.2 | 5         |
| 13 | Hydrodynamic Analysis and Optimization of a Hinged Type Wave Energy Converter. , 2016, , .  |     | 2         |
| 14 | Experimental studies and time-domain simulation of a hinged-type wave energy converter in regular<br>waves. Marine Systems and Ocean Technology, 2020, 15, 1-15.                  | 1.0 | 2         |
| 15 | High Mode Vortex Induced Vibration (VIV) Experiments on a Large-Scale Riser. , 2007, , .  |     | 1         |
| 16 | Improved Added Mass Modeling for Ship-Ice Interactions Based on Numerical Results and Analytical<br>Models. , 2016, , .   |     | 1         |
| 17 | Large-scale experiments of a marine riser. , 2008, , .  |     | 0         |
| 18 | Improving time-domain prediction of vortex-induced vibration of marine risers. Marine Systems and<br>Ocean Technology, 2018, 13, 13-25.   | 1.0 | 0         |