

Yu-Xiang Peng

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Review of SPH Techniques for Hydrodynamic Simulations of Ocean Energy Devices. <i>Energies</i> , 2022, 15, 502.	3.1	27
2	An improved model for compressible multiphase flows based on Smoothed Particle Hydrodynamics with enhanced particle regeneration technique. <i>Journal of Computational Physics</i> , 2022, 458, 111106.	3.8	9
3	An algorithm for implementing a boundary viscous force with single-layer wall particles based on WCSPH. <i>Journal of Computational Physics</i> , 2022, 464, 111328.	3.8	2
4	On the comparison of particle regeneration technique and volume adaptive scheme in the compressible flow based on smoothed particle hydrodynamics. <i>Journal of Hydrodynamics</i> , 2022, 34, 408-421.	3.2	1
5	Numerical simulation of structural damage subjected to the near-field underwater explosion based on SPH and RKPM. <i>Ocean Engineering</i> , 2021, 222, 108576.	4.3	40
6	Investigation of impact resistance performance of pyramid lattice sandwich structure based on SPH-FEM. <i>Composite Structures</i> , 2021, 261, 113561.	5.8	26
7	Coupling of WCSPH and RKPM for the simulation of incompressible fluid-structure interactions. <i>Journal of Fluids and Structures</i> , 2021, 102, 103254.	3.4	15
8	Particle regeneration technique for Smoothed Particle Hydrodynamics in simulation of compressible multiphase flows. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2021, 376, 113653.	6.6	19
9	A 3D meshfree crack propagation algorithm for the dynamic fracture in arbitrary curved shell. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 367, 113139.	6.6	23
10	Experimental and Numerical Study on the Bubble Dynamics near Two-Connected Walls with An Obtuse Angle. <i>China Ocean Engineering</i> , 2020, 34, 828-839.	1.6	15
11	An axisymmetric multiphase SPH model for the simulation of rising bubble. <i>Computer Methods in Applied Mechanics and Engineering</i> , 2020, 366, 113039.	6.6	17
12	A meshfree framework for the numerical simulation of elasto-plasticity deformation of ship structure. <i>Ocean Engineering</i> , 2019, 192, 106507.	4.3	18