

Daijin Li

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Bow rudder of cavitator attached with a non-symmetric anti-roll fin for strong manoeuvring underwater supercavitating vehicles. <i>Ships and Offshore Structures</i> , 2022, 17, 840-851.	1.9	1
2	Ventilated supercavity shapes and hydrodynamic characteristics of bow rudder layout. <i>Applied Ocean Research</i> , 2022, 124, 103192.	4.1	0
3	Effect of Operating Conditions on the Performance of Gas-Liquid Mixture Roots Pumps. <i>Energies</i> , 2021, 14, 5361.	3.1	3
4	Numerical investigation on heat transfer characteristics of Taylor Couette flows operating with CO ₂ . <i>Applied Thermal Engineering</i> , 2020, 165, 114570.	6.0	15
5	Design Methodology of Conical Section Shape for Supercavitating Vehicles considering Auto-Oscillation Characteristics. <i>Complexity</i> , 2020, 2020, 1-14.	1.6	1
6	Performance Comparison of Bow and Stern Rudder for High-Speed Supercavitating Vehicles. <i>Mathematical Problems in Engineering</i> , 2020, 2020, 1-17.	1.1	2
7	Numerical investigation and performance enhancement of roots pumps operating with gas-liquid mixtures. <i>Vacuum</i> , 2020, 176, 109303.	3.5	11
8	Comparative analysis of turbulence models for gas bearings flowfield simulations. <i>Fluid Dynamics Research</i> , 2019, 51, 045505.	1.3	5
9	Classical control of underwater supercavitating vehicles via variable splitting method. <i>Ships and Offshore Structures</i> , 2019, 14, 765-776.	1.9	7
10	A fluid-structure-thermal model for bump-type foil thrust bearings. <i>Tribology International</i> , 2018, 121, 481-491.	5.9	17
11	Spatial Kinetics Model of Supercavitating Vehicles Reflecting Conic-Like Oscillation. <i>Mathematical Problems in Engineering</i> , 2017, 2017, 1-12.	1.1	7