

Daijin Li

List of Publications by Year in descending order

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papers

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all docs

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docs citations

11
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39
citing authors

#	ARTICLE	IF	CITATIONS
1	A fluid-structure-thermal model for bump-type foil thrust bearings. Tribology International, 2018, 121, 481-491.	5.9	17
2	Numerical investigation on heat transfer characteristics of Taylor Couette flows operating with CO2. Applied Thermal Engineering, 2020, 165, 114570.	6.0	15
3	Numerical investigation and performance enhancement of roots pumps operating with gas-liquid mixtures. Vacuum, 2020, 176, 109303.	3.5	11
4	Spatial Kinetics Model of Supercavitating Vehicles Reflecting Conic-Like Oscillation. Mathematical Problems in Engineering, 2017, 2017, 1-12.	1.1	7
5	Classical control of underwater supercavitating vehicles via variable splitting method. Ships and Offshore Structures, 2019, 14, 765-776.	1.9	7
6	Comparative analysis of turbulence models for gas bearings flowfield simulations. Fluid Dynamics Research, 2019, 51, 045505.	1.3	5
7	Effect of Operating Conditions on the Performance of Gas-Liquid Mixture Roots Pumps. Energies, 2021, 14, 5361.	3.1	3
8	Performance Comparison of Bow and Stern Rudder for High-Speed Supercavitating Vehicles. Mathematical Problems in Engineering, 2020, 2020, 1-17.	1.1	2
9	Design Methodology of Conical Section Shape for Supercavitating Vehicles considering Auto-Oscillation Characteristics. Complexity, 2020, 2020, 1-14.	1.6	1
10	Bow rudder of cavitator attached with a non-symmetric anti-roll fin for strong manoeuvring underwater supercavitating vehicles. Ships and Offshore Structures, 2022, 17, 840-851.	1.9	1
11	Ventilated supercavity shapes and hydrodynamic characteristics of bow rudder layout. Applied Ocean Research, 2022, 124, 103192.	4.1	0