

Zhengliang Liu

List of Publications by Year in descending order

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papers

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docs citations

9
times ranked

142
citing authors

#	ARTICLE	IF	CITATIONS
1	Simulation of free-surface flows using the Lattice Boltzmann method with the AMR technique. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2023, 237, 2498-2506.	2.1	2
2	Recent progress of lattice Boltzmann method and its applications in fluid-structure interaction. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2023, 237, 2461-2484.	2.1	6
3	An efficient geometry-adaptive mesh refinement framework and its application in the immersed boundary lattice Boltzmann method. Computer Methods in Applied Mechanics and Engineering, 2022, 392, 114662.	6.6	8
4	A scaling law for designing a downscaled model to investigate submarine debris-flow impact on a pipeline in normal gravity. Ocean Engineering, 2022, 251, 111152.	4.3	4
5	Analysis of unsteady flow effects on the Betz limit for flapping foil power generation. Journal of Fluid Mechanics, 2020, 902, .	3.4	16
6	Kinematic optimization of a flapping foil power generator using a multi-fidelity evolutionary algorithm. Renewable Energy, 2019, 132, 543-557.	8.9	16
7	A Review of Progress and Applications of Pulsed Doppler Wind LiDARs. Remote Sensing, 2019, 11, 2522.	4.0	67
8	Flapping foil power generator performance enhanced with a spring-connected tail. Physics of Fluids, 2017, 29, .	4.0	39
9	Discrete Vortex Method with Flow Separation Corrections for Flapping-Foil Power Generators. AIAA Journal, 2017, 55, 410-418.	2.6	23