

Zhengliang Liu

List of Publications by Year in descending order

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papers

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citations

1478505

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1474206

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g-index

9
all docs

9
docs citations

9
times ranked

142
citing authors

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