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Journal Information

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Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

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Recent Articles

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2026-12 Vol. 148 Pages 104702
Authors: Hussam Sababha, Mohammed Daqaq
DOI: 10.1016/j.jfluidstructs.2026.104702

State-space aeroelastic model for flag flutter prediction and control
2026-12 Vol. 148 Pages 104729
Authors: Riccardo Giansante, Giovanni Bernardini, Massimo Gennaretti
DOI: 10.1016/j.jfluidstructs.2026.104729

Structural response characteristics of a carbon fiber composite elastic plate induced by cavitation bubble collapse via POD method
2026-12 Vol. 148 Pages 104723
Authors: Mingxin Wang, Lei Han, Taotao Liu et al.
DOI: 10.1016/j.jfluidstructs.2026.104723

Nonlinear analysis of an aeroelastic response generated on a flexible sheet under periodic aerodynamic excitation
2026-12 Vol. 148 Pages 104727
Authors: Keiichi Hiroaki, Masahiro Watanabe
DOI: 10.1016/j.jfluidstructs.2026.104727

A systematic experimental investigation on the aerodynamic contribution to mooring tension response in floating offshore wind turbines
2026-12 Vol. 148 Pages 104725
Authors: Pierpaolo Loprieno, Elisa Leone, Antonio Francone et al.
DOI: 10.1016/j.jfluidstructs.2026.104725

A high-order discontinuous Galerkin framework combining volume-penalization immersed boundaries and dynamic p-adaptation for moving-body and fluid-structure interaction simulations
2026-12 Vol. 148 Pages 104730
Authors: Yingjie Xia, Stefano Colombo, David Huergo et al.
DOI: 10.1016/j.jfluidstructs.2026.104730

Three-dimensional time domain fully coupled model for wave-floating plate interaction
2026-12 Vol. 148 Pages 104698
Authors: Wenbin Wu, Yuchen Guan, Aijun Li et al.
DOI: 10.1016/j.jfluidstructs.2026.104698

End-to-end differentiable gust and maneuver loads at large scale via concurrent simulations
2026-12 Vol. 148 Pages 104741
Authors: Alvaro Cea, Lucian Iorga, Rafael Palacios
DOI: 10.1016/j.jfluidstructs.2026.104741

Piezoelectric modulation of in-line and cross-flow vortex-induced vibrations of a flexible cylinder
2026-12 Vol. 148 Pages 104733
Authors: Meysam Rajabi, Ersegun Deniz Gedikli, Jason M. Dahl
DOI: 10.1016/j.jfluidstructs.2026.104733

Assessment of hydrodynamic loads on cylinder piles using the interaction solution between third-order stokes wave and steady current
2026-12 Vol. 148 Pages 104719
Authors: Kai Wei, Ming Ni, Yingle Jiang et al.
DOI: 10.1016/j.jfluidstructs.2026.104719