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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

Physics-Informed Reconstruction of Three-Dimensional Aircraft Wake from Multiplane Particle Image Velocimetry
2026-11-2 Pages 1-26
Authors: Yoshiki Murahashi, Hidemasa Yasuda, Taku Nonomura
DOI: 10.2514/1.j067212

Thermomechanical Phase-Field Model for Electrothermal Wing Deicing Systems
2026-11-2 Pages 1-13
Authors: Erwann Camberlin, Lokman Bennani, Miguel Charlotte et al.
DOI: 10.2514/1.j065397

Flow Asymmetry and Resonance Characteristics of a Supersonic Rectangular Cavity at Yaw
2026-11-2 Pages 1-16
Authors: Tushar Siag, Rajan Kumar
DOI: 10.2514/1.j067329

Correction: Hybrid FEM-ROM for Aero-Thermo-Structural Analyses of Panel-Frame Assemblies
2026-11-2 Pages 1-1
Authors: X. Q. Wang, Marc P. Mignolet, Ricardo A. Perez et al.
DOI: 10.2514/1.j066154.c1

Hybrid Reliability-Based Control Optimization for Piezoelectric Structures via Adaptive Sequential Decoupling
2026-11-2 Pages 1-18
Authors: Lei Wang, Jiaming Liu, Jiaxiang Liu et al.
DOI: 10.2514/1.j066554

Nonlinear and Angle of Attack Effects in High-Enthalpy Hypersonic Boundary Layers
2026-11-2 Pages 1-7
Authors: Kevin Graziose, Sulav Kafle, Joseph J. Kuehl
DOI: 10.2514/1.j066482

Data-Driven Multifidelity Generative Topology Optimization for Geometrically Nonlinear Structures
2026-11-2 Pages 1-14
Authors: Wei Cong, Bingxiao Du, Yong Zhao et al.
DOI: 10.2514/1.j066621

Stable Lateral-Force in Distributed-Suspension Cruciform Parachutes: Mechanism and Parametric Effects
2026-11-2 Pages 1-14
Authors: Xiayi Hou, Yong Zhang, Jun Hu et al.
DOI: 10.2514/1.j067291

Multifidelity Aerodynamic Data Fusion by Autoencoder Transfer Learning
2026-11-2 Pages 1-19
Authors: Javier Nieto-Centenero, Esther Andrés Pérez, Rodrigo Castellanos
DOI: 10.2514/1.j066795

Shock Reflection Transition on V-Shaped Blunt Leading Edges with Length Asymmetry
2026-11-2 Pages 1-8
Authors: Yu Chen, Zhufei Li, Xisheng Luo
DOI: 10.2514/1.j067289