Green Journals

International Approved Journals

Journal Information

Journal Title	Advances in Aerodynamics
Publisher	Springer Nature
ISSN	2097-3462
E-ISSN	2524-6992
Database	SCOPUS
Domain	Physical Sciences, Social Sciences

Classification History

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

Classification: The table above shows all journal classifications recorded for each classification year in the Green Journals database. A journal may have more than one classification in the same year.

Recent Articles

Performance evaluation of high-order compact and second-order gas-kinetic schemes in compressible flow simulations
2026-10-20 Vol. 8 Issue 1
Authors: Yaqing Yang, Fengxiang Zhao, Kun Xu
DOI: 10.1186/s42774-025-00250-3

A novel nonlinear spectral difference scheme with adaptive linear weights
2026-10-2 Vol. 8 Issue 1
Authors: Jiaxian Qin, Xiaotong Chen, Xiaogang Deng
DOI: 10.1186/s42774-025-00254-z

A systematic review on computational modelling and reacting flow simulations of a hybrid rocket engine
2026-9-30 Vol. 8 Issue 1
Authors: Arvind Pallela, Amit Kumar Thakur, Lovi Raj Gupta et al.
DOI: 10.1186/s42774-025-00237-0

Aeroelastic optimization of a small scale horizontal axis wind turbine using particle swarm algorithm
2026-9-18 Vol. 8 Issue 1
Authors: Mohamadmahdi Falahi, Negar Nabatian
DOI: 10.1186/s42774-026-00256-5

Numerical study of underwater jet characteristics of an annular conical aerospike nozzle
2026-9-8 Vol. 8 Issue 1
Authors: Xiwen Wang, Ranhui Liang, Zhitan Zhou
DOI: 10.1186/s42774-025-00229-0

Gas-kinetic scheme with space-time adaptive mesh refinement
2026-8-21 Vol. 8 Issue 1
Authors: Gaocheng Liu, Zheng Xing, Qibing Li
DOI: 10.1186/s42774-025-00238-z

Experimental and numerical analysis on opposing jet for drag reduction in hypersonic flow with angles of attack
2026-8-20 Vol. 8 Issue 1
Authors: Xudong Zhang, Hao Dong, Kaixin Li et al.
DOI: 10.1186/s42774-025-00240-5

Simulation of aircraft unstable motions and unsteady aerodynamic testing with cable-driven parallel suspension system
2026-8-14 Vol. 8 Issue 1
Authors: Xiaoguang Wang, Xu Liu, Dongbo Han et al.
DOI: 10.1186/s42774-026-00268-1

Research on the flow separation characteristics of shock wave-boundary layer interaction
2026-7-23 Vol. 8 Issue 1
Authors: Hui Zhang, Deyu Gai, Wei Cao
DOI: 10.1186/s42774-025-00221-8

Interaction of shock wave with sinusoidal fuel-air interface
2026-7-20 Vol. 8 Issue 1
Authors: Jianwen Liu, Pengfei Yang, Wan Cheng et al.
DOI: 10.1186/s42774-026-00266-3