Green Journals

International Approved Journals

Journal Information

Journal Title	Flow, Turbulence and Combustion
Publisher	Kluwer Academic Publishers
ISSN	1386-6184
E-ISSN	1573-1987
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

Suppression of Flow Instability and Mitigation of Performance Degradation in Compact Axial-Flow Fan with Upstream Obstacle Using Grid-Type Filter
2026-11-2 Vol. 117 Issue 4
Authors: Kota Nakamori, Yuma Osawa, Mitsuru Koga et al.
DOI: 10.1007/s10494-026-00803-6

Shock–Shear–Recirculation Control through Sliding-Cavity Orientation and Curved-Strut Integration in a Hydrogen-Fuelled Scramjet Combustor
2026-10-29 Vol. 117 Issue 4
Authors: L. B. Bharath Raju, S. M. D. Shehabaz, S. K. Gugulothu et al.
DOI: 10.1007/s10494-026-00805-4

Role of Phase Separation in Transcritical Mixing Layers Under Liquid Rocket Engine Conditions
2026-10-23 Vol. 117 Issue 4
Authors: Davide Cavalieri, Davide Schintu, Pietro Paolo Ciottoli et al.
DOI: 10.1007/s10494-026-00804-5

Lagrangian Statistics of Long Flexible Fibers in Wall-Bounded Turbulence
2026-10-23 Vol. 117 Issue 4
Authors: Darish Jeswin Dhas, Cristian Marchioli
DOI: 10.1007/s10494-026-00801-8

Development of A Lightweight Neural Network for Predicting Reaction Rates in RANS Simulations of Flame-Wall Interactions
2026-10-16 Vol. 117 Issue 4
Authors: Maximilian Bambauer, Vipin Michael, Markus Klein et al.
DOI: 10.1007/s10494-026-00796-2

Reconsidering Einstein's Derivation of Diffusion Equation to Provide Solutions Consistent with Nano-Scale and Multi-Scale Physics
2026-10-16 Vol. 117 Issue 4
Authors: Gregory Aranovich
DOI: 10.1007/s10494-026-00800-9

Numerical Investigation of a New Passive Flow Control Technique to Improve Near-Wake Profiles of a Ducted Wind Turbine
2026-10 Vol. 117 Issue 3
Authors: Maytham M. Abid, Marc Marín-Genescà
DOI: 10.1007/s10494-026-00793-5

Novel Low-y^+ Roughness Correlation for Hydrogen-Fired Jet Burners Validated Under Isothermal and Reacting Conditions
2026-10 Vol. 117 Issue 3
Authors: Robin Vivoli, Daniel Pugh, Anthony Giles et al.
DOI: 10.1007/s10494-026-00799-z

Impact of Wind Direction on Flow and Turbulent Statistics Over a Realistic Urban Area: A Large-Eddy Simulation Study
2026-10 Vol. 117 Issue 3
Authors: J. M. Duró, E. Mestres, M. Teng et al.
DOI: 10.1007/s10494-026-00790-8

Quantifying the Scale Effect in Hydrogen/Air Explosions Using High-Fidelity Simulations with Detailed Chemistry
2026-9-29 Vol. 117 Issue 3
Authors: Maximilian Bambauer, Josef Hasslberger, Finn Ohlendieck et al.
DOI: 10.1007/s10494-026-00795-3