Green Journals

International Approved Journals

Journal Information

Journal Title	COMPUTERS & FLUIDS
Publisher	PERGAMON-ELSEVIER SCIENCE LTD
ISSN	0045-7930
E-ISSN	1879-0747
Database	Clarivate
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

Equivalent finite-difference structure of the lattice Boltzmann method for steady advection–diffusion equations with a source term
2027-1 Vol. 322 Pages 107326
Authors: Goncalo Silva
DOI: 10.1016/j.compfluid.2026.107326

Deep reinforcement learning for airfoil pitching moment control
2027-1 Vol. 322 Pages 107325
Authors: Prasanna Thoguluva Rajendran, Laurent Pagnier, Farzad Mashayek
DOI: 10.1016/j.compfluid.2026.107325

A Brinkman penalization Lattice Boltzmann simulation of the flow behind a backward-facing step with porous insert
2027-1 Vol. 322 Pages 107327
Authors: Léo Roussel, Chloé Mimeau, Simon Marié
DOI: 10.1016/j.compfluid.2026.107327

A similarity-guided physics-informed neural network for smooth- and rough-surface rotating-disk mean flows
2027-1 Vol. 322 Pages 107314
Authors: Serkan Ayan, Peter J. Thomas, Paul T. Griffiths et al.
DOI: 10.1016/j.compfluid.2026.107314

Analysis and simulations of droplet generation regimes in a coaxial microfluidic device
2027-1 Vol. 322 Pages 107334
Authors: Alessio Innocenti, Andrea Poggi, Simone Camarri et al.
DOI: 10.1016/j.compfluid.2026.107334

A pressure-projection formulation in a least-squares meshfree method for the incompressible Navier–Stokes equations using a staggered-variable arrangement
2026-12 Vol. 321 Pages 107319
Authors: Takeharu Matsuda, Satoshi Ii
DOI: 10.1016/j.compfluid.2026.107319

Ensemble-Variational approach for aerodynamic shape optimization of airfoils
2026-12 Vol. 321 Pages 107322
Authors: Pierre Cadiou, Jonathan R. Pollison, Reza Jahanbakhshi
DOI: 10.1016/j.compfluid.2026.107322

Coupled level-set lattice Boltzmann method on adaptive Cartesian grids
2026-12 Vol. 321 Pages 107297
Authors: Julian Vorspohl, Yuxing Peng, Matthias Meinke et al.
DOI: 10.1016/j.compfluid.2026.107297

Physics-informed neural networks for inviscid flows over axisymmetric projectiles
2026-12 Vol. 321 Pages 107302
Authors: Miguel A. Escudero, Benoît G. Marinus, Karthik Depuru-Mohan
DOI: 10.1016/j.compfluid.2026.107302

Numerical analysis on the sedimentation and interaction of two rigid spheres in viscoelastic fluids
2026-12 Vol. 321 Pages 107321
Authors: Giancarlo Esposito, Athanasios Kordalis, John Tsamopoulos et al.
DOI: 10.1016/j.compfluid.2026.107321