

## Journal Information

|               |                                    |
|---------------|------------------------------------|
| Journal Title | COMPUTER PHYSICS COMMUNICATIONS    |
| Publisher     | ELSEVIER                           |
| ISSN          | 0010-4655                          |
| E-ISSN        | 1879-2944                          |
| 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

|                                                                                                                                                                                                                                                  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Portico: A program for the asymptotic classification of transition-state normal modes</b><br>2027-2 Vol. 331 Pages 110470<br>Authors: David Ferro-Costas<br>DOI: 10.1016/j.cpc.2026.110470                                                    |
| <b>A three-dimensional numerical scheme for modeling contact line pinning on heterogeneous substrates</b><br>2027-2 Vol. 331 Pages 110462<br>Authors: Subrat Kumar Nayak, Amitabh Bhattacharya, Prapanch Nair<br>DOI: 10.1016/j.cpc.2026.110462  |
| <b>Pysymmetry: A Sage/Python framework for the symmetry reduction of linear G-equivariant systems</b><br>2027-1 Vol. 330 Pages 110455<br>Authors: Leon D. da Silva, Marcelo P. Santos<br>DOI: 10.1016/j.cpc.2026.110455                          |
| <b>MyTm: An automated melting temperature calculation toolkit</b><br>2027-1 Vol. 330 Pages 110401<br>Authors: Yu S. Huang, Hong X. Song, Y. Sun et al.<br>DOI: 10.1016/j.cpc.2026.110401                                                         |
| <b>SciPAS - Python package for positron annihilation spectroscopy Doppler broadening analysis</b><br>2027-1 Vol. 330 Pages 110449<br>Authors: Achiya Yosef Amrusi, Sharon May-Tal Beck, Hadar Steinberg et al.<br>DOI: 10.1016/j.cpc.2026.110449 |

**Axisymmetric simulation of the two-phase fluids in contact with solids**

2027-1 Vol. 330 Pages 110454  
Authors: Jingwen Wu, Junxiang Yang  
DOI: 10.1016/j.cpc.2026.110454

**cuSkyrmion: A CUDA-OpenGL framework for interactive simulation and visualization of nuclei as Skyrmions**

2027-1 Vol. 330 Pages 110406  
Authors: Sven Bjarke Gudnason, Paul Leask  
DOI: 10.1016/j.cpc.2026.110406

**Accelerating acoustic agglomeration predictions: A physics-informed neural network with fourier featuring for sound pressure gradient and stokes drag**

2027-1 Vol. 330 Pages 110451  
Authors: Hang Yin, Pengzhan Liu, Bing Feng Ng  
DOI: 10.1016/j.cpc.2026.110451

**Feature tracking in physics-informed neural networks via joint optimization of analytical nonlinear manifolds: Application to boundary layers**

2027-1 Vol. 330 Pages 110419  
Authors: Akshay Thakur, Matthew J. Zahr  
DOI: 10.1016/j.cpc.2026.110419

**Architecture-aware h-to-p optimisation: Spectral/hp element operators for mixed-element meshes**

2027-1 Vol. 330 Pages 110467  
Authors: Jacques Y. Xing, Boyang Xia, Diego Renner et al.  
DOI: 10.1016/j.cpc.2026.110467