# Green Journals

International Approved Journals

## Journal Information

| | |
|---|---|
| **Journal Title** | JOURNAL OF STATISTICAL MECHANICS-THEORY AND EXPERIMENT |
| **Publisher** | IOP PUBLISHING LTD |
| **ISSN** | 1742-5468 |
| **E-ISSN** | 1742-5468 |
| **Database** | Clarivate |
| **Domain** | Life Sciences, 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

**Cluster moves with an entropic reservoir accelerate low-temperature simulations of three-dimensional spin glasses**
2026-10-1 Vol. 2026 Issue 10 Pages 103302
Authors: C Chilin, E Marinari, V Martin-Mayor et al.
DOI: 10.1088/1742-5468/aeafeb

**A closed system setting for quantum thermalisation in free fermions**
2026-10-1 Vol. 2026 Issue 10 Pages 103104
Authors: Purvaash Panduranghan-Udhayashankar, Filiberto Ares, Pasquale Calabrese
DOI: 10.1088/1742-5468/aea559

**Stochasticity of fatigue failure times in sheared glasses**
2026-10-1 Vol. 2026 Issue 10 Pages 104001
Authors: Swarnendu Maity, Pushkar Khandare, Himangsu Bhaumik et al.
DOI: 10.1088/1742-5468/ae9932

**Fluctuation-optimization theorem for open classical systems**
2026-10-1 Vol. 2026 Issue 10 Pages 103206
Authors: Pierre Nazé
DOI: 10.1088/1742-5468/ae9fd2

**Critical quench dynamics of Wegner’s <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML"> <mml:mrow> <mml:mrow> <mml:mi>Z</mml:mi> </mml:mrow> </mml:mrow> </mml:math> <sub>2</sub> gauge model: a geometric perspective**
2026-10-1 Vol. 2026 Issue 10 Pages 103202
Authors: Ramgopal Agrawal, Leticia F Cugliandolo, Marco Picco
DOI: 10.1088/1742-5468/ae9fd5

**Bayesian inference of nonextensive fragmentation models applied to seismicity at subduction interfaces**
2026-10-1 Vol. 2026 Issue 10 Pages 103403
Authors: Marcone O da Costa, George S França, Luciano R da Silva
DOI: 10.1088/1742-5468/aea552

**Transition path sampling in Ising models on heterogeneous graphs**
2026-10-1 Vol. 2026 Issue 10 Pages 103301
Authors: Riccardo Cipolloni, Federico Ricci-Tersenghi, Francesco Zamponi
DOI: 10.1088/1742-5468/aea55a

**Predicting the final stationary state of sheared 2D Euler fluids**
2026-10-1 Vol. 2026 Issue 10 Pages 103203
Authors: Renato Pakter, Yan Levin
DOI: 10.1088/1742-5468/aeab78

**Identifying internal patterns in (1+1)-dimensional directed percolation using neural networks**
2026-10-1 Vol. 2026 Issue 10 Pages 103401
Authors: Danil Parkhomenko, Pavel Ovchinnikov, Konstantin Soldatov et al.
DOI: 10.1088/1742-5468/aea558

**On the robustness of noisy solutions in non-convex neural networks**
2026-10-1 Vol. 2026 Issue 10 Pages 103303
Authors: Enrico M Malatesta, Alessandra Passalacqua, Riccardo Zecchina
DOI: 10.1088/1742-5468/aeafec