Green Journals

International Approved Journals

Journal Information

Journal Title	JOURNAL OF LOW TEMPERATURE PHYSICS
Publisher	SPRINGER/PLENUM PUBLISHERS
ISSN	0022-2291
E-ISSN	1573-7357
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

Dimensionality Effect on Exceptional Fermionic Superfluidity with Spin-Dependent Asymmetric Hopping
2026-2 Vol. 222 Issue 1
Authors: Soma Takemori, Kazuki Yamamoto, Akihisa Koga
DOI: 10.1007/s10909-026-03372-0

Microscopic Study of Superconductivity in Presence of External Magnetic Field in Iron Pnictide Superconductors
2026-2 Vol. 222 Issue 1
Authors: Santosh Kumar Barik, Basanta Kumar Sahoo, Bibekananda Panda
DOI: 10.1007/s10909-026-03373-z

Hyperuniform Patterns Nucleated at Low Temperatures: Insight from Vortex Matter Imaged in Unprecedentedly Large Fields of View
2026-2 Vol. 222 Issue 1
Authors: Alexey Cruz-García, Joaquín Puig, Sergii Pylypenko et al.
DOI: 10.1007/s10909-026-03369-9

Anomaly in the [2, 0] Oscillation Mode of Superfluid ^{4}He Pendant Droplets
2026-1-31 Vol. 222 Issue 1
Authors: Tomoyuki Tani, Shota Takamatsu, Ryota Yamane et al.
DOI: 10.1007/s10909-026-03371-1

Temperature Dependence of the Chemical Potential of a Two-Dimensional Electron Gas in a Half-Filled landau Subband
2026-1-29 Vol. 222 Issue 1
Authors: P. J. Baymatov, B. T. Abdulazizov, A. A. Saydaliev
DOI: 10.1007/s10909-025-03362-8

Modeling the Position-Dependent Photon Response in the TES Detector with a 100-$$\upmu m$$-Thick Large Absorber for the WXPT Mission
2026-1-28 Vol. 222 Issue 1
Authors: Junjie Zhou, Yifei Zhang, Zhouhui Liu et al.
DOI: 10.1007/s10909-026-03367-x

Impact of Finite Phonon Energy and Transverse Component of Phonon Wave Vector on Low-Temperature Transport in Degenerate Quantum Wells
2026-1-26 Vol. 222 Issue 1
Authors: S. Nag, B. Roy, D. P. Bhattacharya
DOI: 10.1007/s10909-026-03365-z

Chain of Unusual Radiating Josephson Vortices
2026-1-23 Vol. 222 Issue 1
Authors: A. S. Malishesvkii, S. A. Uryupin
DOI: 10.1007/s10909-026-03366-y

The theory of planar ballistic SNS junctions
2026-1-19 Vol. 222 Issue 1
Authors: Edouard Sonin
DOI: 10.1007/s10909-025-03360-w

Electric-Field-Induced Insulator-to-Metal and Superconducting Transitions in Bulk Polycrystalline MoS2: Role of the Gate Electrode Configuration
2026-1-16 Vol. 222 Issue 1
Authors: Y. Shimazu, T. Miyatake, K. Ueno et al.
DOI: 10.1007/s10909-025-03363-7