Green Journals

International Approved Journals

Journal Information

Journal Title	PHYSICA B-CONDENSED MATTER
Publisher	ELSEVIER
ISSN	0921-4526
E-ISSN	1873-2135
Database	Clarivate
Domain	Physical 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

VO2-graphene hybrid metasurface for terahertz modulation: Ultra-broadband absorption and wide-angle stability
2027-1 Vol. 744 Pages 419507
Authors: Pingrui Fu, Jun Zhu, Shubo Cheng et al.
DOI: 10.1016/j.physb.2026.419507

Engineering half-metallicity in Nb-doped alkaline-earth sulfides (MS; M = Ca, Mg, Sr, Ba) for spintronic applications: A first-principles study
2027-1 Vol. 744 Pages 419481
Authors: Tawqeer Zamrood, Hung -Lung Chou, Chien-Chieh Hu
DOI: 10.1016/j.physb.2026.419481

Magnetization reversal in nickel nanoparticle assemblies revealed by experiment and image-based micromagnetic simulations
2027-1 Vol. 744 Pages 419473
Authors: Marcela Del Canto, Valentina Solís Lazo, Daniela Alburquenque et al.
DOI: 10.1016/j.physb.2026.419473

Synthesis and comprehensive investigation of structural, optical, and electrical properties of Bi2O3 nanoparticles supported on natural bentonite for optoelectronic applications
2027-1 Vol. 744 Pages 419496
Authors: Kholoud M. Alnahdi, Nawaa Ali H. Alshammari, Maymounah N. Alharthi et al.
DOI: 10.1016/j.physb.2026.419496

Phase-transition-enabled broadband terahertz metasurface for absorption-to-transmission switching based on vanadium dioxide
2027-1 Vol. 744 Pages 419570
Authors: Chenxi Xiang, Han Wang, Juntao Fan et al.
DOI: 10.1016/j.physb.2026.419570

Effect of strain on the transport properties of graphene-based FNF junction
2027-1 Vol. 744 Pages 419483
Authors: M. Barzi, G. Rashedi, M. Alidad
DOI: 10.1016/j.physb.2026.419483

Interpretable machine learning-assisted prediction and atomistic analysis of dual-phase FeNiCrMn medium-entropy alloys
2027-1 Vol. 744 Pages 419504
Authors: Hang Chen, Yong-chao Liang, Fang-dong Cheng et al.
DOI: 10.1016/j.physb.2026.419504

Entanglement propagation in an electron waveguide with Heisenberg interaction
2027-1 Vol. 744 Pages 419503
Authors: L.E. Reichl
DOI: 10.1016/j.physb.2026.419503

First-principles investigation of Re/W alloying strategies in the γ-Ni matrix
2027-1 Vol. 744 Pages 419505
Authors: Yuze Liang, Boya Zhang, Han Wang et al.
DOI: 10.1016/j.physb.2026.419505

Phase-field-informed machine learning of γ′ coarsening in Co-based superalloys: elastic origin and the feature requirements for extrapolation
2027-1 Vol. 744 Pages 419524
Authors: Shahid Imran, Shenglong Wang, Talha Sattar et al.
DOI: 10.1016/j.physb.2026.419524