Green Journals

International Approved Journals

Journal Information

Journal Title	High Temperature Material Processes
Publisher	Begell House Inc.
ISSN	1093-3611
E-ISSN	1940-4360
Database	SCOPUS
Domain	Health Sciences, 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

FLUID FLOW BEHAVIOR IN THE WELD POOL DURING OSCILLATING LASER WIRE-FILLING WELDING OF 5083 ALUMINUM ALLOY
2026 Vol. 30 Issue 1 Pages 25-38
Authors: Mingxiao Shi, Weihua Wang, Jiugong Chen et al.
DOI: 10.1615/hightempmatproc.2025057816

Functional metal matrix composite coatings of Inconel 625/WC
2026
Authors: Kseniya Bazaleeva, Rustan Shipshev, Daria Safarova et al.
DOI: 10.1615/hightempmatproc.2026062146

EVALUATION ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF SLA-PRINTED ZIRCONIA IMPLANTS FOLLOWED BY SPARK PLASMA SINTERING
2026
Authors: Pavel Peretyagin, Oleg Yanushevich, Natella Krikheli et al.
DOI: 10.1615/hightempmatproc.2026063085

FOCUSING OF THE ELECTRON BEAM GENERATED BY A FOREVACUUM PLASMA SOURCE WITH A MULTICHANNEL EMISSION ELECTRODE
2026 Vol. 30 Issue 2 Pages 35-42
Authors: Ilya Yu. Bakeev, Aleksandr S. Klimov, Efim M. Oks et al.
DOI: 10.1615/hightempmatproc.2025059793

ADVANCED MANUFACTURING PROCESSES FOR CERAMIC/METAL INTERPENETRATING PHASE COMPOSITES: 3D-PRINTING AND SPS APPROACH
2026 Vol. 30 Issue 1 Pages 1-23
Authors: T. V. Tarasova, E. V. Kuznetsova, Igor A. Yadroitsev et al.
DOI: 10.1615/hightempmatproc.2025057574

STRUCTURIZATION EFFECT ON THE PRODUCT FORMATION FROM THE Ti-Al-C POWDER MIXTURE AT THE THERMAL EXPLOSION MODE
2026 Vol. 30 Issue 1 Pages 91-103
Authors: Natalia V. Bukrina, Anna G. Knyazeva
DOI: 10.1615/hightempmatproc.2025059122

AMMONIA REFORMING IN THE PLASMA OF A NON-SELF-SUSTAINED DC GLOW DISCHARGE AT ATMOSPHERIC PRESSURE
2026
Authors: Aliaksandra Kazak, Mikalai Tomkavich, Andrei Kirillov et al.
DOI: 10.1615/hightempmatproc.2026062568

Mechanical properties of Ti-Al-Si-N gradient coatings obtained by vacuum arc-deposition
2026
Authors: Chenbing Xiao, Vladimir Uglov, Changliang Wang et al.
DOI: 10.1615/hightempmatproc.2026063557

Investigation of the physical properties of SnSe films
2026
Authors: Kang-Kai Fan, Pao-An Lin, Tzu-Feng Tseng et al.
DOI: 10.1615/hightempmatproc.2026062449

Synthesis of Molybdenum Trioxide (MoO_3) Nano-Powder in a Plasma of Low-Current Bipolar Discharge with Molybdenum Electrodes at Atmospheric Pressure
2026
Authors: Konstantin Savkin, Dmitry Sorokin, Dmitry Beloplotov et al.
DOI: 10.1615/hightempmatproc.2026062641