

Journal Information

Journal Title	Materials Transactions
Publisher	Japan Institute of Metals (JIM)
ISSN	1345-9678
E-ISSN	1347-5320
Database	SCOPUS
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

Effect of Mechanical Alloying Time on CoCrFeNiTi High-Entropy Sintered Alloys 2026-11-1 Vol. 67 Issue 11 Pages 1906-1915 Authors: Akito Fujii, Akio Nishimoto DOI: 10.2320/matertrans.mt-m2026075
Production of Calcium Tungstate by Corrosion Reaction Synthesis 2026-11-1 Vol. 67 Issue 11 Pages 1882-1886 Authors: Daichi Sasaki, Risa Ito DOI: 10.2320/matertrans.mt-y2026004
Low-Temperature Growth of Iron Silicide Thin Films on Silicon Substrate by Molecular Beam Epitaxy 2026-11-1 Vol. 67 Issue 11 Pages 1823-1829 Authors: Thi Kim Hang Pham, Thi Hang Nguyen, Van-Quy Le et al. DOI: 10.2320/matertrans.mt-m2026017
Visualization of Soil Particle Pore after Infiltration of Slurry with Different Properties Using X-ray Micro-CT 2026-11-1 Vol. 67 Issue 11 Pages 1855-1862 Authors: Haruto Hori, Hijiri Ueda, Ryunosuke Kido DOI: 10.2320/matertrans.mt-z2026011
Molecular Dynamics Simulation of Excessive Vacancy Formation in Rapidly Solidified Al-Cu and Fe-Cr Alloys 2026-11-1 Vol. 67 Issue 11 Pages 1916-1922 Authors: Tomoya Yazawa, Yasushi Shibuta, Munekazu Ohno DOI: 10.2320/matertrans.mt-m2026068

Investigations of the Surface Characteristics and Bacterial Adhesion Properties of Thermally-Oxidized Polyacrylonitrile-Based Carbon Fiber for Novel Applications in CFRP Recycling

2026-11-1 Vol. 67 Issue 11 Pages 1887-1893

Authors: Mitsuhiro Hirano, Ryota Kobayashi, Kota Sakamoto et al.

DOI: 10.2320/matertrans.mt-m2026029

Integration of Core Technologies for Vibration Energy Harvesting Using Ferromagnetic Iron Alloys

2026-11-1 Vol. 67 Issue 11 Pages 1807-1822

Authors: Shigeru Suzuki, Takenori Tanno, Masaki Chiba et al.

DOI: 10.2320/matertrans.mt-m2026067

Effect of Electrolytic Factors on the Electrodeposition Behavior and Microstructure of Zn-V Composite Films from Non-Suspension Solutions

2026-11-1 Vol. 67 Issue 11 Pages 1894-1905

Authors: Ryota Kawashima, Satoshi Oue, Hiroaki Nakano

DOI: 10.2320/matertrans.mt-m2026085

Microstructure and Mechanical Properties of Cu-Zn System Alloy Bars Produced by Different Groove Rolling Processes

2026-11-1 Vol. 67 Issue 11 Pages 1863-1869

Authors: Yui Yasukawa, Yuito Maeda, Hailun Zhou et al.

DOI: 10.2320/matertrans.mt-d2026007

Atmospheric Corrosion of Friction Stir Welded AXM410 and AZX912 Magnesium Alloys

2026-11-1 Vol. 67 Issue 11 Pages 1945-1952

Authors: Isao Nakatsugawa, Tomoko Yamashita, Takashi Nishikawa et al.

DOI: 10.2320/matertrans.mt-l2026011