Green Journals

International Approved Journals

Journal Information

Journal Title	Scripta Materialia
Publisher	Acta Materialia Inc
ISSN	1359-6462
E-ISSN	
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

Incoherent twin boundaries as reservoirs, transport pathways and activation sites for twinning dislocations in BCC Fe
2027-2 Vol. 288 Pages 117647
Authors: Cheng Chen, Dengran Xie, Yuhao Han et al.
DOI: 10.1016/j.scriptamat.2026.117647

Shear behavior of η2 precipitates in Al-Zn-Mg-Cu alloys under loading
2027-2 Vol. 288 Pages 117648
Authors: Xiuchuan Lei, Qingwen Lan, Kaiyun Xiang et al.
DOI: 10.1016/j.scriptamat.2026.117648

Dy-induced β1 precipitation at triple junctions in peak-aged Mg-Gd-Dy alloys with enhanced elevated-temperature strength
2027-2 Vol. 288 Pages 117646
Authors: Xuerui Jing, Yan Zhou, Guangjin Hou et al.
DOI: 10.1016/j.scriptamat.2026.117646

Insensitivity of sp-bands protects the residual resistivity of CrMnFeCoNi from atomic short-range order
2027-2 Vol. 288 Pages 117644
Authors: Nicolas F. Piwek, Christopher D. Woodgate, Alberto Marmodoro et al.
DOI: 10.1016/j.scriptamat.2026.117644

Breaking the strength-ductility trade-off and mitigating intermediate-temperature embrittlement via multi-scale L12 precipitates in a high-Co high-entropy alloy
2027-2 Vol. 288 Pages 117624
Authors: Zhuqun Zhang, Jingyu Pang, Jinlin Li et al.
DOI: 10.1016/j.scriptamat.2026.117624

Mechanical response mechanism of a coherent precipitation-strengthened $Co_{43}Ni_{30}Cr_{15}Mo_6Al_6$ alloy at elevated temperatures

2027-2 Vol. 288 Pages 117641
Authors: Tiancheng Li, Haiyang Chen, Shilei Li et al.
DOI: 10.1016/j.scriptamat.2026.117641

Deformation behaviour of copper thin films deposited by ionized sputtering on flexible polymer substrates

2027-2 Vol. 288 Pages 117642
Authors: T. Kosutova, N. Pham, D. Drozdenko et al.
DOI: 10.1016/j.scriptamat.2026.117642

Analysis of phase transformation kinetics of GCr18Mo steels in arbitrary cooling paths

2027-2 Vol. 288 Pages 117640
Authors: Wenbo Ma, Huihao Zhao, Yanxiang Zhang et al.
DOI: 10.1016/j.scriptamat.2026.117640

Strengthening high-SFE Fe-Mn-Al-C steel through pre-twinning and carbides precipitation

2027-2 Vol. 288 Pages 117602
Authors: Ting Zhao, Xinyi Liu, Yuming Fu et al.
DOI: 10.1016/j.scriptamat.2026.117602

Robust generative superalloy microstructure prediction under simulation-to-experiment mapping errors via mode-aware conditional diffusion

2027-2 Vol. 288 Pages 117627
Authors: Junhui Zhang, Yahui Liu, Haiyan Gao et al.
DOI: 10.1016/j.scriptamat.2026.117627