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Journal Information

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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

In-situ quantification of shear angle and primary deformation zone thickness in Ti-6Al-4V machining
2026-12 Vol. 50 Pages 5-9
Authors: Victor Sodje, Julius Schoop
DOI: 10.1016/j.mfglet.2026.08.095

Experimental investigation of residual stress, surface roughness, and forming forces in induction tool-heated incremental sheet forming
2026-12 Vol. 50 Pages 31-36
Authors: Bharat Bhushan, Janakarajan Ramkumar, Uday Shanker Dixit
DOI: 10.1016/j.mfglet.2026.09.002

Confinement-induced laser attenuation in multi-pulse ablation with high-intensity nanosecond laser
2026-12 Vol. 50 Pages 1-4
Authors: Mengchen Wu, Zahid Hussain Shah, Benxin Wu
DOI: 10.1016/j.mfglet.2026.08.094

Functionally graded material spreading using slotted recoater for controlled composition gradation in laser powder bed fusion: a discrete element method perspective
2026-12 Vol. 50 Pages 37-42
Authors: Shakti Swaroop Choudhury, Murugaiyan Amirthalingam, Ratna Kumar Annabattula
DOI: 10.1016/j.mfglet.2026.09.004

Mesh-structured graph neural network surrogates for 3D sheet metal forming process prediction
2026-12 Vol. 50 Pages 10-23
Authors: Ahmad Mitoubsi, Sam St. John, Derick Suarez et al.
DOI: 10.1016/j.mfglet.2026.09.001

Sustainable manufacturing of AA6061 hydrogen tanks via flow-forming: microstructure-mechanics correlations
2026-12 Vol. 50 Pages 24-30
Authors: Amborish Banerjee, Kyle Nelson, Sandip Jadhav et al.
DOI: 10.1016/j.mfglet.2026.09.003

Torque reduction on the high-speed side during differential-speed double-sided friction stir welding of AA2219-T6 aluminum alloy
2026-12 Vol. 50 Pages 43-48
Authors: Jiaxuan Wang, Xianlei Shan, Yijin Wang et al.
DOI: 10.1016/j.mfglet.2026.09.005

Design of Actuation Waveforms for Precision Control of PEDOT:PSS Droplet Formation in Inkjet Printing
2026-10 Vol. 49 Pages 303-310
Authors: Tiansong Wang, Yuan-Shin Lee, Jingyan Dong
DOI: 10.1016/j.mfglet.2026.07.039

Sample partitioning for milling stability and surface location error model uncertainty reduction
2026-10 Vol. 49 Pages 625-632
Authors: Tony Schmitz, Michael Gomez
DOI: 10.1016/j.mfglet.2026.07.074

Electrochemical Impedance Studies on the Corrosion Phenomena in Additively Manufactured Al-Si-Mg Alloys in a Chloride Environment
2026-10 Vol. 49 Pages 821-828
Authors: Samson D. Oguntuyi, Peter A. Olubambi
DOI: 10.1016/j.mfglet.2026.07.096