Green Journals

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Journal Information

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Classification History

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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

Correction: Enhanced Hydrogen Embrittlement Resistance in a Vanadium-Alloyed 42CrNiMoV Steel for High-Strength Wind Turbine Bolts
2025-11-25 Vol. 38 Issue 12 Pages 2316-2317
Authors: Jiang Liu, Fengping Zhao, Wen Shi et al.
DOI: 10.1007/s40195-025-01937-8

Role of Grain Boundary Segregation and Nanoprecipitation on the Tensile Properties and Thermal Stability of Dilute Mg–0.7Al–0.3Ca (wt%) Alloy
2025-11-25 Vol. 38 Issue 12 Pages 2165-2178
Authors: Xiaoqing Liu, Xiaoguang Qiao, Xiaoye Qiu et al.
DOI: 10.1007/s40195-025-01929-8

Dissolution Behaviors of Corrosion Products on 316LN Stainless Steel in Simulated Shutdown Acid-Reducing Water Chemistry
2025-11-15 Vol. 38 Issue 12 Pages 2289-2299
Authors: Yiran Xiong, Ziyu Zhang, Xinqiang Wu et al.
DOI: 10.1007/s40195-025-01932-z

Solute Segregation and Grain Boundary Cohesion of Magnesium Binary Alloys: A First-Principles Study
2025-11-14 Vol. 38 Issue 12 Pages 2179-2196
Authors: Hong Ju, Cheng Wang, Wei-Jiang Guo et al.
DOI: 10.1007/s40195-025-01935-w

Reinforcement Learning in Materials Science: Recent Advances, Methodologies and Applications
2025-11-11 Vol. 38 Issue 12 Pages 2077-2101
Authors: Jiaye Li, Xinyuan Zhang, Chunlei Shang et al.
DOI: 10.1007/s40195-025-01934-x

Influence of Zn and Y on Hot Compression Behavior of Mg-Li-Zn-Y Alloy
2025-11-7 Vol. 38 Issue 12 Pages 2134-2144
Authors: Di An, Ruizhi Wu, Xiang Wang et al.
DOI: 10.1007/s40195-025-01936-9

Effect of Heat Treatment on Microstructure Evolution and Fracture Mechanism of 30CrMo/316L Multilayered Composites Fabricated by Vacuum Electron Beam Welding and Accumulative Hot Roll Bonding
2025-11-4 Vol. 38 Issue 12 Pages 2265-2278
Authors: Ming-Rong Fan, Tian-Yu Wang, Jing-Gang Suo et al.
DOI: 10.1007/s40195-025-01933-y

Achieving an Extraordinary Strength–Ductility Synchronization in TA15 Titanium Alloy via Tailoring a Tri-modal Microstructure
2025-10-25 Vol. 38 Issue 12 Pages 2228-2242
Authors: Qi-Mei Tian, Fu Xiao, Ya Yang et al.
DOI: 10.1007/s40195-025-01928-9

Unraveling the Discontinuous Dynamic Recrystallization of the TC17 Titanium Alloy during Hot Deformation by Crystal Plasticity Modeling
2025-10-21 Vol. 38 Issue 12 Pages 2243-2264
Authors: Xiangru Guo, Jian Zhang, Tieqiang Kong et al.
DOI: 10.1007/s40195-025-01927-w

Insights into Temperature and Strain Rate Dependent Deformation Behaviors of BCC Fe from Discrete Dislocation Dynamics Simulations
2025-10-16 Vol. 38 Issue 12 Pages 2279-2288
Authors: Yu Liu, Jinglian Du, Jianwei Xiao et al.
DOI: 10.1007/s40195-025-01930-1