Green Journals

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Journal Information

Journal Title	Mechanics of Advanced Materials and Modern Processes
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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

Impact of nose radius and machining parameters on surface roughness, tool wear and tool life during turning of AA7075/SiC composites for green manufacturing
2020-8-2 Vol. 6 Issue 1
Authors: Rajesh Kumar Bhushan
DOI: 10.1186/s40759-020-00045-7

Mathematical modeling of the electron-beam wire deposition additive manufacturing by the smoothed particle hydrodynamics method
2019-12 Vol. 5 Issue 1
Authors: Dmitriy Nikolayevich Trushnikov, Elena Georgieva Koleva, Roman Pozolovich Davlyatshin et al.
DOI: 10.1186/s40759-019-0044-1

Numerical 3D simulation of wire deposition process to predict distortion of parts
2019-10-15 Vol. 5 Issue 1
Authors: Oleg Yu Smetannikov, Petr V. Maksimov, Dmitriy N. Trushnikov et al.
DOI: 10.1186/s40759-019-0043-2

Nickel nanoparticles inside carbon nanostructures: atomistic simulation
2019-3-20 Vol. 5 Issue 1
Authors: Liliya R. Safina, Julia A. Baimova, Radik R. Mulyukov
DOI: 10.1186/s40759-019-0042-3

Finite element simulation of the braiding process

2019-1-23 Vol. 5 Issue 1
Authors: S. Del Rosso, L. Iannucci, P.T. Curtis
DOI: 10.1186/s40759-019-0041-4

A new hypothesis on the mechanism of nano-filled elastomers reinforcement

2018-12 Vol. 4 Issue 1
Authors: Alexander Konstantinovich Sokolov, Oleg Konstantinovich Garishin, Alexander L'vovich Svistkov
DOI: 10.1186/s40759-018-0040-x

Experimental and analytical investigation on resin impregnation behavior in continuous carbon fiber reinforced thermoplastic polyimide composites

2018-10-24 Vol. 4 Issue 1
Authors: Shota Kazano, Toshiko Osada, Satoshi Kobayashi et al.
DOI: 10.1186/s40759-018-0039-3

Estimating the creep behavior of glass-fiber-reinforced polyamide considering the effects of crystallinity and fiber volume fraction

2018-9-29 Vol. 4 Issue 1
Authors: Takenobu Sakai, Yuto Hirai, Satoshi Somiya
DOI: 10.1186/s40759-018-0038-4

Microstructure and mechanical properties of aluminium-graphene composite powders produced by mechanical milling

2018-9-6 Vol. 4 Issue 1
Authors: Jiangshan Zhang, Zhixin Chen, Jingwei Zhao et al.
DOI: 10.1186/s40759-018-0037-5

The effect of matrix cracking on mechanical properties in FRP laminates

2018-8-4 Vol. 4 Issue 1
Authors: M.J. Mohammad Fikry, Shinji Ogihara, Vladimir Vinogradov
DOI: 10.1186/s40759-018-0036-6