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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

An open-source predictive musculoskeletal framework and biomechanical evaluation of passive transfemoral prosthetic knees
2026-9-21
Authors: Sachin Kumar, Vineet Vashista
DOI: 10.1007/s11044-026-10200-6

Research on an equivalent continuous contact force model for oblique impact considering the normal - tangential coupling relationship
2026-9-14
Authors: Mingming Zhang, Haibao Hu, Zhaohong Qin et al.
DOI: 10.1007/s11044-026-10198-x

Transient tire-soil contact model using enhanced grid-based data-driven approach for virtual testing of off-road mobility systems
2026-9-11
Authors: Takahiro Homma, Du-Chin Liu, Tulga Ersal et al.
DOI: 10.1007/s11044-026-10196-z

Wire element: a kinematic compatibility-based curvilinear beam element for geometrically nonlinear analysis of highly flexible slender structures
2026-9-11
Authors: Christian Iandiorio, Pietro Salvini
DOI: 10.1007/s11044-026-10194-1

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2026-9-11
Authors: G. Pacheco-Ramos, R. Vazquez, D. Garcia-Vallejo
DOI: 10.1007/s11044-026-10199-w

Modeling the seated human body under whole-body vibration: a multibody dynamics approach with joint constraints
2026-9-8
Authors: Zhigang Zhang, Zhou Yao, Bao Ma et al.
DOI: 10.1007/s11044-026-10195-0

Research on the mechanism and suppression measures of trailing power car lateral swinging based on fluid-structure interaction
2026-9-8
Authors: Zhenqian Li, Zhe Hu, Wubin Cai et al.
DOI: 10.1007/s11044-026-10197-y

Preface — Special Issue: Recent advances and applications of multibody dynamics
2026-9 Vol. 68 Issue 1 Pages 1-2
Authors: Johannes Gerstmayr, Michael Pieber, Andreas Zwölfer
DOI: 10.1007/s11044-026-10187-0

Three-parameter bifurcation scenarios in a minimal mechanical model with LuGre friction
2026-8-28
Authors: Balazs J. Bekesi, Gabor Csernak
DOI: 10.1007/s11044-026-10191-4

Dynamic response characteristics of rigid-flexible coupling low-pair press mechanism with clearances under lubrication conditions affected by impact loads
2026-8-21
Authors: Xiulong Chen, Ziyang Dong, Xing Mu et al.
DOI: 10.1007/s11044-026-10182-5