

Journal Information

Journal Title	Mechanical Systems and Signal Processing
Publisher	Academic Press
ISSN	0888-3270
E-ISSN	1096-1216
Database	SCOPUS
Domain	Physical Sciences, Social 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

A Single-Sensor attenuation fingerprint mapping framework for autonomous acoustic emission source identification in composite wind turbine blades 2027-1 Vol. 262 Pages 115107 Authors: Deba Datta Mandal, Shirsendu Sikdar, Rakesh Mishra et al. DOI: 10.1016/j.ymssp.2026.115107
Shaking-table tests of measurement-based building modeling method for predicting railway-induced vibrations 2027-1 Vol. 262 Pages 115108 Authors: Jinzhe Xie, Chenwei Xiao, Yumeng Hua et al. DOI: 10.1016/j.ymssp.2026.115108
Fault detection based on a Quality-associated virtual variable and its detectability analysis 2027-1 Vol. 262 Pages 115103 Authors: Meizhi Liu, Xiangyu Kong, Changhua Hu et al. DOI: 10.1016/j.ymssp.2026.115103
Physics-informed neural network framework for robust and adaptive road roughness recognition in intelligent vehicles 2027-1 Vol. 262 Pages 115113 Authors: Yufan Lv, Yun Kong, Junhui Qi et al. DOI: 10.1016/j.ymssp.2026.115113

A physically consistent framework for typical fault-induced mesh stiffness and intrinsic mode signatures in gear systems considering inter-slice coupling 2027-1 Vol. 262 Pages 115109 Authors: Wenzheng Liu, Haoran Pan, Wei Li et al. DOI: 10.1016/j.ymssp.2026.115109
GCN-KAN with multi-attention and physical information enhanced network for RUL prediction 2027-1 Vol. 262 Pages 115119 Authors: Yiran Shao, Zhihao Zhou, Zhenhua Long et al. DOI: 10.1016/j.ymssp.2026.115119
A multimodal fusion intelligent diagnosis framework for incipient faults in proportional directional valves 2027-1 Vol. 262 Pages 115044 Authors: Hanfeng Zhang, Qi Su, Zhi Qiu et al. DOI: 10.1016/j.ymssp.2026.115044
Near real-time skidding rate estimation in rolling bearings using Fiber Bragg Grating sensors 2027-1 Vol. 262 Pages 115133 Authors: Mohammadjavad Haghdoust Manjili, Xin Wang, Mohammadali Sadaghian et al. DOI: 10.1016/j.ymssp.2026.115133
Dynamic shape reconstruction using Euler-elastica-guided distributed fiber optic sensing and parallel iFEM 2027-1 Vol. 262 Pages 115088 Authors: Yingwu Li, Shikang Zhang, Weiyan Zhao et al. DOI: 10.1016/j.ymssp.2026.115088
Quasi-static component generation for damage detection in variable-thickness plates 2027-1 Vol. 262 Pages 115124 Authors: Wujun Zhu, Zhiqi Shen, Xiewen Liu et al. DOI: 10.1016/j.ymssp.2026.115124