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Journal Information

Journal Title	Smart Materials and Structures
Publisher	IOP Publishing Ltd.
ISSN	0964-1726
E-ISSN	1361-665X
Database	SCOPUS
Domain	Physical Sciences

Classification History

Year	A+	A	B	C
2026		✓	✓	
2025		✓	✓	
2024		✓	✓	
2023		✓	✓	
2021/2022		✓	✓	
2020		✓	✓	
2019		✓	✓	
2018		✓		

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Recent Articles

Bottom-up multiscale modeling of yield stress for magnetorheological fluids based on close-packed BCT configuration
2026-11-2
Authors: Shun Wang, Rongxia Gao, Ting Dong et al.
DOI: 10.1088/1361-665x/aebcdd

Long-range vision-based displacement sensing for structural health monitoring of fire-exposed spatial structures
2026-11-2
Authors: Zhihua Chen, Xiangkai Meng, Liulu Guo et al.
DOI: 10.1088/1361-665x/aebcdf

3D-printed heel-conformal wearable piezo-triboelectric hybrid sensor for self-powered discrimination of human locomotion
2026-11-2
Authors: Young Won Kim, Han bit Lee, Jonghun Yoon et al.
DOI: 10.1088/1361-665x/aebce1

Development of a novel phenomenological–mechanistic model for composite magnetorheological foams under small-amplitude oscillatory shear
2026-11-2
Authors: Hesamodin Khodaverdi, Ramin Sedaghati
DOI: 10.1088/1361-665x/aebcdc

Evolution of mechanical properties and magnetorheological effect of polyurethane-based magnetorheological elastomers under longterm cyclic shear loading
2026-11-2
Authors: Xiuxu Zhao, Pan Liang, Shuo Zhang
DOI: 10.1088/1361-665x/aebcde

Exploiting LCE-SMP synergy for reconfigurable double layer actuators with controlled shape transformation
2026-11-2
Authors: Yinfeng Xia, Yinxin Li, Junming Quan et al.
DOI: 10.1088/1361-665x/aebcba

A two-branch physics-informed neural network for small-sample sedimentation prediction of magnetorheological fluids
2026-11-2
Authors: Wei Zhou, Tianle Cui, Decai Li et al.
DOI: 10.1088/1361-665x/aebcbb

Dual-temperature MEMS sensors for progressive thermal-runaway-related gas prediction via a CNN–transformer network
2026-11-2
Authors: Mingjie Li, Jiasheng Li, SIHAN YIN et al.
DOI: 10.1088/1361-665x/aebce0

A dual-coil energy-coupled actuator with magnetic-flux-path reconstruction and excitation optimization for high-speed on/off valves
2026-11-1 Vol. 35 Issue 11 Pages 115002
Authors: Jianghao Ren, Jin Dai, Guohuan Xie et al.
DOI: 10.1088/1361-665x/aeb77a

Segmented magnet-assisted TENG-EMG hybrid energy harvester for self-powered wireless alarming and intelligent vibration detection
2026-11-1 Vol. 35 Issue 11 Pages 115003
Authors: Chenxi Wang, Shikang Liu, Xinhao Liu et al.
DOI: 10.1088/1361-665x/aeb778