# Green Journals

International Approved Journals

## Journal Information

| | |
|---|---|
| **Journal Title** | Frontiers of Mechanical Engineering |
| **Publisher** | Higher Education Press Limited Company |
| **ISSN** | 2095-0233 |
| **E-ISSN** | 2095-0241 |
| **Database** | SCOPUS |
| **Domain** | 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

**Ultrasonic vibration grinding of difficult-to-cut materials: force models and processability**
2025-12 Vol. 20 Issue 6
Authors: Zechen Zhang, Changhe Li, Jixin Liu et al.
DOI: 10.1007/s11465-025-0868-9

**DEGRNet: An innovative dual-branch edge-based graph reasoning network for the few-shot segmentation of industrial surface defects**
2025-12 Vol. 20 Issue 6
Authors: Qian Wu, Xingyue Liu, Guojun Wen et al.
DOI: 10.1007/s11465-025-0863-1

**Design and analysis of a hexagonal mechanism with cam mechanism for rolling locomotion**
2025-12 Vol. 20 Issue 6
Authors: Qianqian Zhang, Yezhuo Li, Shaoze Yan et al.
DOI: 10.1007/s11465-025-0862-2

**Assembly precision distribution for industrial parallel robots based on multi-joint desensitization design**
2025-12 Vol. 20 Issue 6
Authors: Mingzhe Tao, Jinghua Xu, Shuyou Zhang et al.
DOI: 10.1007/s11465-025-0860-4

**Automation on electro-hydraulic rotation system of segment assembly machine in tunnel boring**
2025-12 Vol. 20 Issue 6
Authors: Xuyang Chen, Xin Huang, Junke Guo et al.
DOI: 10.1007/s11465-025-0856-0

**Shape control and removal footprint characteristics of a novel wheel bonnet polishing tool**
2025-12 Vol. 20 Issue 6
Authors: Xunchuan Chang, Yanjun Han, Fang Duan et al.
DOI: 10.1007/s11465-025-0864-0

**Intelligent machining technology for online monitoring and control of tool condition: A review**
2025-12 Vol. 20 Issue 6
Authors: Yeming Jiang, Jiadong Huang, Kuo Liu et al.
DOI: 10.1007/s11465-025-0866-y

**Investigation of a planar active focusing air-coupled ultrasonic transducer using multiple concentric ring electrode patterns**
2025-12 Vol. 20 Issue 6
Authors: Qiao Wu, Jian Li, Jun Tu et al.
DOI: 10.1007/s11465-025-0861-3

**Parallel wheelset suspension kinematic design for improved heavy-duty lunar vehicle straight-line drivability and ride comfort**
2025-12 Vol. 20 Issue 6
Authors: Haibo Gao, Lanqing Hu, Zhen Liu et al.
DOI: 10.1007/s11465-025-0858-y

**Estimation-based disturbance adaptive model predictive control for wheeled biped robots**
2025-12 Vol. 20 Issue 6
Authors: Haoyang Yu, Xu Li, Zhenguo Tao et al.
DOI: 10.1007/s11465-025-0857-z