Green Journals

International Approved Journals

Journal Information

Journal Title	Transactions of the Korean Society of Mechanical Engineers, B
Publisher	Korean Society of Mechanical Engineers
ISSN	1226-4881
E-ISSN	2288-5234
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

Numerical Analysis of Cooling Performance in a 15 MW Power Transformer based on Inlet/Outlet Position and Flow Rate of Vegetable Insulating Oil
2026-10-31 Vol. 50 Issue 10 Pages 491-504
Authors: Jun Oh Kong, Lee Jun Kim, Min sung Choi et al.
DOI: 10.3795/ksme-b.2026.50.10.491

Sensitivity Analysis of Containment Source Term under SBO Induced Core Damage Using MAAP-ISAAC in Wolsong Unit 2 Plant
2026-10-31 Vol. 50 Issue 10 Pages 527-534
Authors: Yong Mann Song, Jun-young Kang, Jun Ho Bae et al.
DOI: 10.3795/ksme-b.2026.50.10.527

Thermal Stability Improvement of Spinel Cathode Materials for Lithium-Ion Batteries Using Multi-Walled Carbon Nanotubes
2026-10-31 Vol. 50 Issue 10 Pages 519-526
Authors: Hyung Cheoul Shim
DOI: 10.3795/ksme-b.2026.50.10.519

Enhancing the Performance of Graphene Oxide-based Hydrovoltaic Generators via Phosphoric Acid Incorportation
2026-10-31 Vol. 50 Issue 10 Pages 505-510
Authors: Kwang Gyu Hyun, Hee Jae Hwang
DOI: 10.3795/ksme-b.2026.50.10.505

Centrifugal Pump Design Using Computational Fluid Dynamics: Effects of Impeller Blade Length and Thickness on Centrifugal Pump Performance
2026-10-31 Vol. 50 Issue 10 Pages 511-518
Authors: Jeong-Eui Yun
DOI: 10.3795/ksme-b.2026.50.10.511

Infrared Low-Observable Shelter System Using Thermoelectric Devices
2026-9-30 Vol. 50 Issue 9 Pages 471-480
Authors: Yousung Choi, Dami Yu, Changsung Kim et al.
DOI: 10.3795/ksme-b.2026.50.9.471

Development and Validation of Open-Source-based Gas Turbine Performance Model Using Design Data
2026-9-30 Vol. 50 Issue 9 Pages 455-462
Authors: JiHyun Lim, JinSu Kim, Bumshin Kim
DOI: 10.3795/ksme-b.2026.50.9.455

Effects of Dimples of Varying Diameter on the Heat Transfer Characteristics of a Lamellar Recuperator
2026-9-30 Vol. 50 Issue 9 Pages 463-469
Authors: Young-Wook Kim, Jeong-Se Suh
DOI: 10.3795/ksme-b.2026.50.9.463

Quantitative Risk Assessment on the Fire and Leak Accidents in an Ammonia Fueled Gas Turbine Combined Cycle Power Plant Using Fire Dynamics Simulation
2026-9-30 Vol. 50 Issue 9 Pages 445-454
Authors: Min Chul Kim, Sunghyoeb Go, Min-Chul Lee
DOI: 10.3795/ksme-b.2026.50.9.445

In-Containment Source-Term Evaluation Under SBO-Induced Core Damage Using MAAP-ISAAC for Wolsong Unit 2 Plant
2026-9-30 Vol. 50 Issue 9 Pages 481-490
Authors: Yong Mann Song, Junyoung Kang, Jun-Ho Bae et al.
DOI: 10.3795/ksme-b.2026.50.9.481