Green Journals

International Approved Journals

Journal Information

Journal Title	International Journal of Thermodynamics
Publisher	International Journal of Thermodynamics
ISSN	1301-9724
E-ISSN	2146-1511
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

Spectral Selective Filtering for Thermal Mitigation and Efficiency Enhancement of Crystalline Silicon Photovoltaic Modules under Tropical Climatic Conditions: Experimental Investigation
2026-9-1 Vol. 29 Issue 3 Pages 206-229
Authors: Gajanan Datar, Chandrakishor Ladekar
DOI: 10.5541/ijot.1903135

Recent and Emerging Trends in Plate Heat Exchangers Performance Enhancement: A Review
2026-9-1 Vol. 29 Issue 3 Pages 281-302
Authors: Mustafa K. Salih, Saad Jalil
DOI: 10.5541/ijot.1860171

Energy, Exergy, and Environmental Assessment of R-152a as a Low-GWP Alternative for R-134a in Domestic Heat Pump Water Heaters for Tropical Countries
2026-9-1 Vol. 29 Issue 3 Pages 230-240
Authors: Hifni Mukhtar Ariyadi, Zaki Abdussalam, Indro Pranoto et al.
DOI: 10.5541/ijot.1773781

Design and Optimization of a Solar PTC-Based Cogeneration System for Sustainable Power and Freshwater Generation in Basrah
2026-9-1 Vol. 29 Issue 3 Pages 195-205
Authors: Zainab Mataqi, Mohammad Hasan Khoshgoftar Manesh
DOI: 10.5541/ijot.1805670

Comparative Evaluation of MCDM Methods and Weighting Techniques for Refrigerant Selection in Air-Source Heat Pump Systems
2026-9-1 Vol. 29 Issue 3 Pages 241-253
Authors: Hüsamettin Tan, Ali Erişen
DOI: 10.5541/ijot.1927650

Effect Of Water Basin Depth on The Thermal Performance of The Double-Basin Solar Still Under Iraqi Climatic Conditions
2026-9-1 Vol. 29 Issue 3 Pages 271-280
Authors: İbrahem Ali, A. J. Hamad, Abdul Hadi Khalifa
DOI: 10.5541/ijot.1959300

CFD-Based Investigation of Internal Flow Structure and Geometric Optimization of a Supersonic Ejector
2026-9-1 Vol. 29 Issue 3 Pages 254-270
Authors: Volkan Tok, Özay Akdemir
DOI: 10.5541/ijot.1956546

Multi-Objective Numerical Design of Robust and Color-Compatible Passive Daytime Radiative Cooling Coatings
2026-6-1 Vol. 29 Issue 2 Pages 180-194
Authors: Aslı Tiktaş
DOI: 10.5541/ijot.1849761

Performance and Emissions Analysis of a Diesel Engine Operating with Diesel/Methanol/Diethylene Glycol Dimethyl Ether Blends
2026-6-1 Vol. 29 Issue 2 Pages 139-148
Authors: Bruno Marchioro, Roger Menegon, Josimar Rosa et al.
DOI: 10.5541/ijot.1843975

Performance Evaluation of Biodiesel Blends in Enhancing Efficiency in Light-Duty Gas Turbine Systems
2026-6-1 Vol. 29 Issue 2 Pages 131-138
Authors: Dilip T Antony Fernandez, Naveenchandran P, Sabarish Rajagopalan et al.
DOI: 10.5541/ijot.1822205