Green Journals

International Approved Journals

Journal Information

Journal Title	Tire Science and Technology
Publisher	Tire Society Inc.
ISSN	0090-8657
E-ISSN	
Database	SCOPUS
Domain	Health Sciences, 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

A Fatigue Simulation Approach for Long-Crack Propagation Phase of Radial Tires Using Modified Virtual Crack Closure Technique
2026-11-5
Authors: Zicheng Shi, Ziran Li, Yang Wang
DOI: 10.2346/tst-25-020

Traction and Braking Performance Comparison between Manufactured and Natural Snow Track Surfaces in a Controlled Environment
2026-10-30
Authors: Albert Askengren, Johan Casselgren, Nina Lintzén et al.
DOI: 10.2346/tst-26-003

Theoretical Buckling Model of Tires in Cornering Considering Two-Dimensional Contact Patch
2026-10-23
Authors: Yukio Nakajima
DOI: 10.2346/tst-26-014

Physics-Inspired Convolutional Neural Network for Tire Tread Pattern Noise Prediction from Digitized Tread Images
2026-9-28
Authors: Lakshmi Sampathraghavan, Vijaya Krishna Teja Mantripragada, Neeraj Ramachandran et al.
DOI: 10.2346/tst-25-029

A Coupled Thermo-Mechanical and Simulation-Driven Framework for Rolling Resistance Tire Prediction
2026-9-18
Authors: Dario Dotolo, Heron Dionisio, Dario Garofano et al.
DOI: 10.2346/tst-26-008

Stretchable Sensor in Tire Tread Wear Progression Analysis
2026-9 Vol. 54 Issue 3 Pages 229-248
Authors: Shahba Tasmiya Mouna, Chaehyeon Kim, Md Jarir Hossain et al.
DOI: 10.2346/tst-26-001

Mitigation of Tire Air Cavity Resonance Noise Using Acoustic Metasurfaces: A Comparative Numerical Study
2026-9 Vol. 54 Issue 3 Pages 249-257
Authors: A. B. M. Mominul Haque, A. Santos, H. Heo
DOI: 10.2346/tst-25-031

A Contact Patch–Based Correlation Framework for Tire Cornering Stiffness Measurements on Drum and Flat Test Rigs
2026-9 Vol. 54 Issue 3 Pages 206-228
Authors: Francesco Colombo, Lorenzo Maglia, Edoardo Sabbioni et al.
DOI: 10.2346/tst-26-012

Design and Mechanical Properties Analysis of Non-Pneumatic Tire Based on Sinusoidal Metamaterial
2026-9 Vol. 54 Issue 3 Pages 258-284
Authors: Yaoji Deng, Keyu Lu, Qifan Wang
DOI: 10.2346/tst-25-019

Effects of Bead Filler Formulation and Geometry in a Car Tire
2026-4 Vol. 54 Issue 2 Pages 107-114
Authors: Jun-Jie Liu, Ya-Ting Chen, Jun Wang et al.
DOI: 10.2346/tst-25-018