

# Green Graphene-Based Polymer Composites: A Pathway Toward Sustainable Polymers

Kobra Yazdani \*

*Department of Materials Engineering, Hakim Sabzevari University, Sabzevar 9617976487, Iran*

**Editor's note:** Green composites are becoming increasingly recognized as a sustainable alternative to the environmental problems caused by the extensive use of petroleum-based plastics. In this review paper, Yazdani provides an overview of recent advancements in graphene-based sustainable and green composites, focusing specifically on those developed using biodegradable polymers as the main matrix.

doi: 10.22034/jams.2025.210140

How to cite: K. Yazdani. *Journal of Applied Material Science*, 2025, 1, 210140.



JOURNAL OF  
APPLIED  
MATERIAL  
SCIENCE

jams.hsu.ac.ir