

Special Issue

Thermal Analysis and Its Applications in Materials Science and Engineering

Message from the Guest Editors

Thermal analysis plays a crucial role in material development across industries, such as polymers, ceramics, metallurgy, pharmaceuticals, construction, and energy, and it helps researchers optimize processing conditions, evaluate fire resistance, determine the shelf-life or degradation pathway of a material, and understand how materials behave under temperature changes. In sustainability-focused research, thermal analysis is particularly useful for evaluating alternative raw materials like industrial by-products or recycled waste. By revealing the thermal behavior of materials, thermal analysis supports the design of more efficient, durable, and environmentally friendly products and processes. We look forward to your valuable contributions that deepen our understanding of thermal analysis and promote innovation in materials science and engineering.

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Deadline for manuscript submissions

20 January 2026



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/245078

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Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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