演講摘要

Next-generation sequencing (NGS) has emerged as a tool in materials science, offering unprecedented insights into material properties. NGS enables researchers to analyze materials at atomic levels, facilitating the rapid discovery of novel materials and designing tailored solutions for diverse applications. Moreover, NGS enhances our understanding of material behaviors, empowering materials engineering with improved performance and sustainability. However, realizing the full potential of NGS necessitates interdisciplinary collaboration and investment in advanced infrastructure. Embracing NGS promises ushering in a future where materials drive progress.