

# Preface

The latest research results in the area of materials science and applied technologies and methods of materials synthesis and processing are described in this publication.

The properties and synthesis methods of functional nanomaterials for applications in electronics, mechatronics, and other industrial sectors are analysed in the first chapter.

The second chapter studies the mechanical properties, processing technologies and production methods of a wide range of structural polymer and composite materials.

Superconductive ceramics and geopolymer concrete are subjects of this issue, too.

Presented research results are helpful to many engineers and academics.