

# Emerging Research on Bioinspired Materials Engineering

Part of the Advances in Chemical and Materials Engineering (ACME) Book Series

Mohamed Bououdina (University of Bahrain, Bahrain)

## Description:

Bioinspired materials can be defined as the organic or inorganic materials that mimic naturally occurring substances. With applications in a number of fields such as biomedical, chemical, mechanical, and civil engineering, research on the development of biologically-inspired materials is essential to further advancement.

**Emerging Research on Bioinspired Materials Engineering** provides insight on fabrication strategies for bioinspired materials as well as a collective review of their current and prospective applications. Highlighting essential research on bioinspired processes and the nano-structural, physical, chemical, thermal, and mechanical aspects of biologically-inspired materials

## Readers:

This timely publication is an ideal reference source for engineers, researchers, scholars, and graduate students in the fields of materials science and engineering, nanotechnology, biotechnology, and biomedical materials science.

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## Topics Covered:

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