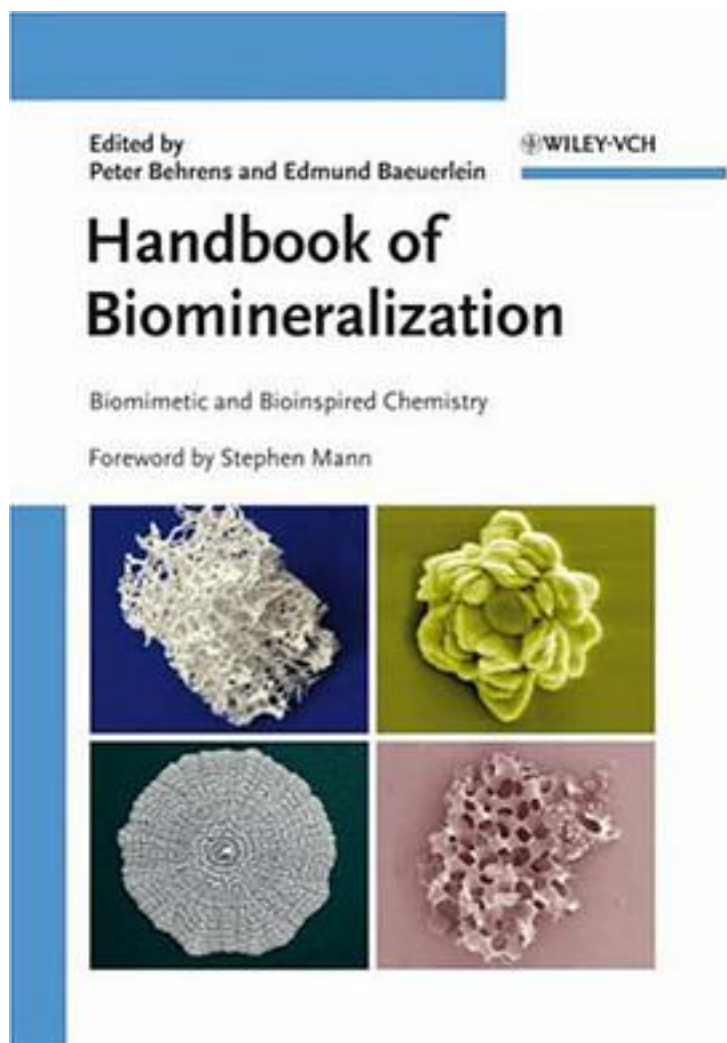


Handbook of Biomineralization



[Handbook of Biomineralization_ 下载链接1_](#)

著者:Bauerlein, Edmund/ Behrens, Peter/ Eppe, Matthias/ Pickett-heaps, Jeremy D.

出版者:John Wiley & Sons Inc

出版时间:2007-7

装帧:HRD

isbn:9783527316410

This first comprehensive overview of the modern aspects of biomineralization represents life and materials science at its best: Bioinspired pathways are the hot topics in many disciplines and this holds especially true for biomineralization.

Here, the editors -- all well-known members of associations and prestigious institutes -- have assembled an international team of renowned authors to provide first-hand research results.

From the contents:

VOLUME 1: BIOLOGICAL ASPECTS AND STRUCTURE FORMATION

Silica-Hydrated Polysilicondioxide

Iron Sulfides and Oxides

Calcium Carbonates and Sulfates

Calcium Phosphates

VOLUME 2: BIOMIMETIC AND BIOINSPIRED CHEMISTRY

Biometric Model Systems in Biomineralization

The Biomineral Approach to Bionics

Bio-inspired Materials Synthesis

Bio-supported Materials Chemistry

Protein Cages as Size-constrained Reaction Vessels

Encapsulation

Imaging of Internal Nanostructures of Biominerals

VOLUME 3: MEDICAL AND CLINICAL ASPECTS

Bone

Teeth

Pathological Calcifications

An interdisciplinary must-have account, for biochemists, bioinorganic chemists, lecturers in chemistry and biochemistry, materials scientists, biologists, and solid state physicists.

With forewords by Jeremy D. Pickett-Heaps, Stephen Mann, and Wolfgang Pompe.

作者介绍:

目录:

[Handbook of Biomineralization 下载链接1](#)

标签

评论

[Handbook of Biomineralization 下载链接1](#)

书评

[Handbook of Biomineralization 下载链接1](#)