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Current Trends on Glass and Ceramic Materials

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About the ebook

This e-book is a review on the latest developments in glass and ceramic materials for technological applications along with biomedical applications in vivo. The volume serves as a useful reference to readers interested in learning about this area of materials science and its multidisciplinary array of applications.

Contents

- ▶ Current Trends in Processing and Shaping of Bioceramics
- ▶ Current Glass-Ceramic Systems Used in Dentistry
- ▶ Novel Ceramics and Glass-Ceramics by Microwave and Conventional Processing: A Review
- ▶ Development and Characterization of Lanthanides Doped Hydroxyapatite Composites for Bone Tissue Application
- ▶ Calcium Phosphate Ceramics in Periodontal Regeneration
- ▶ Physical, Optical and Structural Properties of Er³⁺ Doped Zinc/Cadmium Bismuth Borate/Silicate Glasses
- ▶ Keyword Index

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