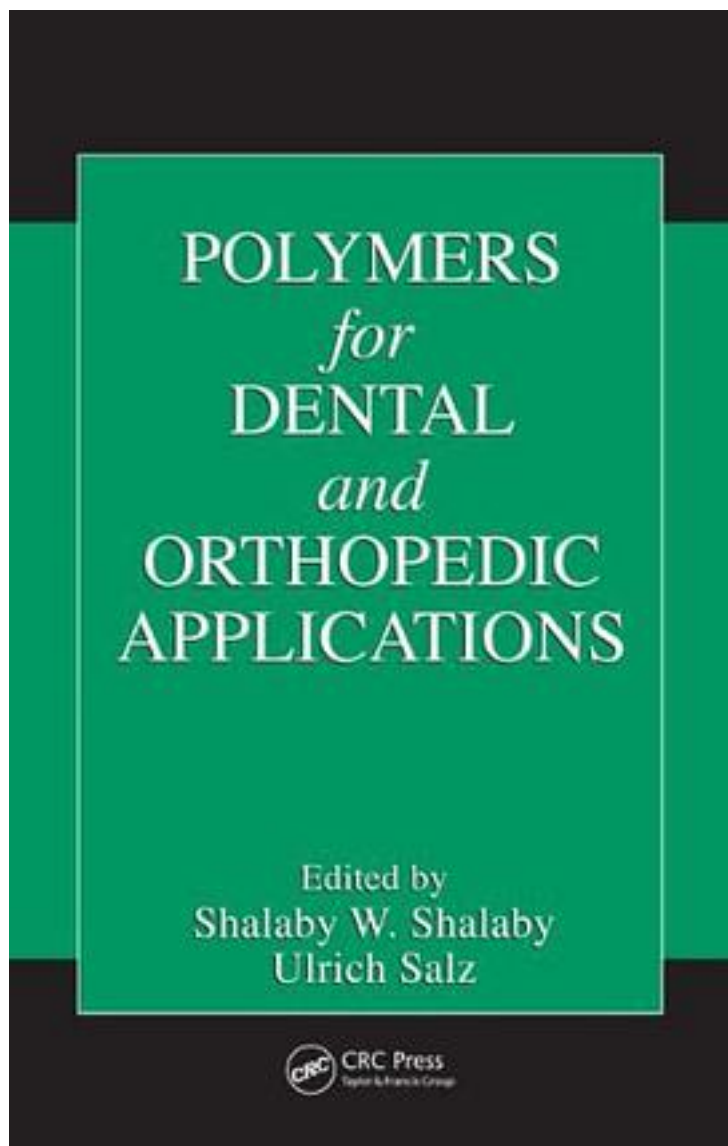


High Performance Dental and Orthopedic Polymers and Composites



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Recent advances not only in the creation of new polymers but also in their processing and production have ushered in huge strides in a variety of biomedical and clinical areas. Orthopedics and dentistry are two such areas that benefit immensely from developments in polymer science and technology. "Polymers for Dental and Orthopedic Applications" examines the most current topics in this expanding field with an emphasis on technological evolution and clinical impacts. Surveying major progress in polymer science and technology for dental, maxillofacial, and orthopedic applications, this book provides a unique illustration of the conceptual development of novel biomaterials and processes designed to meet targeted clinical needs. Two preeminent scientists lead a close-knit team of international experts with extensive experience in product development, bioengineering, education, and clinical applications. Ranging from polymeric materials for dental and maxillofacial application to joint repair and replacement, polymeric composites, and tissue engineering, the book also examines topics that are common to both dental and orthopedic fields, such as osseointegration and infection management. Explore the current status and future possibilities of polymeric biomaterials in Polymers for Dental and Orthopedic Applications. A unique blend of technical information and practical insight, this reference fosters the continued growth of a critically important field.

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目录:

[High Performance Dental and Orthopedic Polymers and Composites_下载链接1](#)

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