

1. Record Nr.	UNINA9910452975303321
Autore	Welberry T. R (Thomas Richard)
Titolo	Diffuse x-ray scattering and models of disorder [[electronic resource] /] / T.R. Welberry
Pubbl/distr/stampa	Oxford, : Oxford University Press, 2004
ISBN	1-280-84704-2 0-19-152376-3
Descrizione fisica	1 online resource (281 p.)
Collana	International Union of Crystallography monographs on crystallography ; ; 16
Disciplina	548/.83
Soggetti	X-rays - Scattering X-ray crystallography Electronic books.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references (p. [257]-261) and index.
Nota di contenuto	Contents; I: EXPERIMENT; II: DISORDER MODELS; III: EXAMPLES OF REAL DISORDERED SYSTEMS; References; Index
Sommario/riassunto	Diffuse X-ray scattering is a rich (virtually untapped) source of local structural information over and above that obtained by conventional crystallography. The book aims to show how computer simulation of a model crystal provides a general method by which diffuse scattering of all kinds and from all types of materials can be interpreted and analysed. - ;Diffuse X-ray scattering is a rich (virtually untapped) source of local structural information over and above that obtained by conventional crystal structure determination (crystallography). The main aim in the book is to show how computer

2. Record Nr.	UNINA9910788557203321
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Pubbl/distr/stampa	Singapore ; ; London, : World Scientific, 2010
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Descrizione fisica	1 online resource (284 p.)
Altri autori (Persone)	ChangJames GuptaGaurav
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Soggetti	Hand - Surgery Tissue engineering
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Nota di contenuto	Acknowledgments; Contents; Contributors; Chapter 1 Tissue Engineering: A Historical Perspective James D. Kretlow and Antonios G. Mikos; Chapter 2 Current Clinical Needs in Hand Surgery L. Scott Levin; Chapter 3 Principles of Tissue Engineering for Reconstruction of the Hand Ryosuke Kakinoki; Chapter 4 Primary Cell Lines and Stem Cells Katie L. Pricola and Hermann Peter Lorenz; Chapter 5 Scaffolds Wei Liu and Yilin Cao; Chapter 6 Animal Models for Engineering Tissues in the Upper Extremity Xing Zhao and Mark A. Randolph Chapter 7 Guidance Strategies in Hand Tissue Engineering: Manipulating the Microenvironment Through Cellular and Material Cues Harvey Chim and Arun K. Gosain Chapter 8 Bioreactors Laurence A. Galea and Wayne A. Morrison; Chapter 9 Nerve Engineering Gregory H. Borschel; Chapter 10 Tendon Engineering Johan Thorfinn, Ioannis Angelidis, Brian Pridgen and James Chang; Chapter 11 Skin Deepak M. Gupta, Nicholas J. Panetta, Geoffrey C. Gurtner and Michael T. Longaker; Chapter 12 Bone and Cartilage Ashley Rothenberg and Jennifer Elisseeff; Chapter 13 Blood Vessels Masayuki Yamato and Teruo Okano

Sommario/riassunto

Musculoskeletal applications of tissue engineering will be among the first to achieve widespread clinical use, and the resulting shift in clinical and surgical paradigms will highlight the need for an authoritative text on tissue engineering for musculoskeletal tissues including nerve, bone, tendon, skin, vessels, and cartilage. This book will serve the needs of a large readership including plastic surgeons, orthopedic surgeons, medical residents and medical students, researchers and academic faculty in regenerative medicine and biomedical engineering, and medical device experts. This textbook

3. Record Nr.

Autore

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