1. Record Nr. UNIBAS000027046

Autore	Derys, Gaston
Titolo	Les grandes amoureuses / Gaston Derys
Pubbl/distr/stampa	Paris : <<Louis>> Michaud
Descrizione fisica	v. : ill. ; 19 cm.
Disciplina	305.420944
Soggetti	Donne celebri - Francia - Sec. 16.-19
Lingua di pubblicazione	Francese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	In cop. e in testa al front. firma autografa: Sergio de Pilato, Napoli, ottobre '930, VIII
Nota di contenuto	Vol. 4.: Rachel, Louis Colet, Aimée de Coigny, La Duchesse de Fallary. - [19--?]. - 261 p., [24] c. di tav.

2. Record Nr. UNINA9910159031603321

Titolo	AKCE international journal of graphs and combinatorics
Pubbl/distr/stampa	Boca Raton, FL : , : Taylor & Francis Group [Amsterdam] : , : Elsevier B.V. Philadelphia, PA : , : Taylor & Francis Group
ISSN	2543-3474
Disciplina	511.5
Soggetti	Graph theory Combinatorial analysis Analyse combinatoire Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

3. Record Nr. UNINA9911006569003321

Titolo	PEEK biomaterials handbook / / edited by Steven M. Kurtz
Pubbl/distr/stampa	Amsterdam, : Elsevier/William Andrew, 2012
ISBN	1-283-33156-X 9786613331564 1-4377-4464-8
Edizione	[1st ed.]
Descrizione fisica	1 online resource (309 p.)
Collana	Plastics design library
Altri autori (Persone)	KurtzSteven M. <1968->
Disciplina	610.284 668.4 668.423
Soggetti	Polyarylethers - Therapeutic use Polymers in medicine Orthopedic implants - Technological innovations
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Two columns to the page.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Front Cover; Dedication; Series page; Peek Biomaterials Handbook; Copyright; Contents; Foreword; List of Contributors; Chapter 1 - An Overview of PEEK Biomaterials; 1.1 - Introduction; 1.2 - What Is a Polymer?; 1.3 - What Is PEEK?; 1.4 - Crystallinity and PEEK; 1.5 - Thermal Transitions; 1.6 - PEEK Composites; 1.7 - Overview of This Handbook; References; Chapter 2 - Synthesis and Processing of PEEK for Surgical Implants; 2.1 - Introduction; 2.2 - Synthesis of PAEKs; 2.3 - Nomenclature; 2.4 - Quality Systems for Medical Grade Resin Production; 2.5 - Processing of Medical Grade PEEK 2.6 - Machining2.7 - Summary; Acknowledgments; References; Chapter 3 - Compounds and Composite Materials; 3.1 - Introduction; 3.2 - What Is a Composite Material?; 3.3 - Additive Geometry, Volume, and Orientation Effects; 3.4 - Preparation of Materials; 3.5 - Processing to Make Parts; 3.6 - Biocompatibility of CFR PEEK; 3.7 - Summary and Conclusions; References; Chapter 4 - Morphology and Crystalline Architecture of Polyaryletherketones; 4.1 - Introduction; 4.2 - Chain Architecture and Packing; 4.3 - Crystallization Behavior; 4.4 - Characterization Techniques

4.5 - Structure Processing-Property Relationships4.6 - Summary and Conclusions; Acknowledgment; References; Chapter 5 - Fracture, Fatigue, and Notch Behavior of PEEK; 5.1 - Introduction; 5.2 - Fracture and Fatigue of Materials; 5.3 - PEEK Fracture Studies; 5.4 - PEEK Notch Studies; 5.5 - Summary; Acknowledgments; References; Chapter 6 - Chemical and Radiation Stability of PEEK; 6.1 - Introduction to Chemical Stability; 6.2 - Water Solubility; 6.3 - Thermal Stability; 6.4 - Steam Sterilization of PEEK; 6.5 - Radiation Stability: Implications for Gamma Sterilization and Postirradiation Aging
6.6 - SummaryReferences; Chapter 7 - Biocompatibility of Polyaryletheretherketone Polymers; 7.1 - Introduction; 7.2 - Cell Culture and Toxicity Studies; 7.3 - Mutagenesis (Genotoxicity); 7.4 - Immunogenesis; 7.5 - Soft Tissue Response; 7.6 - Osteocompatibility of PEEK Devices; 7.7 - Biocompatibility of PEEK Particulate-X-STOPTM PEEK Explant Studies; 7.8 - Summary and Conclusions; References; Chapter 8 - Bacterial Interactions with Polyaryletheretherketone; 8.1 - Introduction; 8.2 - Bacterial Adhesion to Biomaterials; 8.3 - The Role of Surface Topography and Chemistry in Bacterial Adhesion
8.4 - Strategies to Reduce Bacterial Adhesion to PEEK8.5 - Summary and Perspectives; References; Chapter 9 - Thermal Plasma Spray Deposition of Titanium and Hydroxyapatite on Polyaryletheretherketone Implants; 9.1 - Introduction; 9.2 - Coating Technology; 9.3 - Biomedical Plasma-Sprayed Coatings; 9.4 - Coating Analysis Methods; 9.5 - Substrate Analysis Method; 9.6 - Plasma-Sprayed Coatings on PEEK-Based Substrates; 9.7 - Plasma-Sprayed Osteointegrative Surfaces for PEEK: The Eurocoating Experience; 9.8 - Summary and Conclusions; References
Chapter 10 - Surface Modification Techniques of Polyetheretherketone, Including Plasma Surface Treatment

Sommario/riassunto

PEEK biomaterials are currently used in thousands of spinal fusion patients around the world every year. Durability, biocompatibility and excellent resistance to aggressive sterilization procedures make PEEK a polymer of choice, replacing metal in orthopedic implants, from spinal implants and hip replacements to finger joints and dental implants. This Handbook brings together experts in many different facets related to PEEK clinical performance as well as in the areas of materials science, tribology, and biology to provide a complete reference for specialists in the field of plastics