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| 1. Record Nr. | UNINA990009918930403321 |
| Autore | Sommella, Paolo <1940- > |
| Titolo | Forma e urbanistica di Pozzuoli romana / Paolo Sommella |
| Pubbl/distr/stampa | Pozzuoli : Azienda autonoma di soggiorno, 1978 |
| Descrizione fisica | 98 p., [1] c. di tav. ripieg. : ill. ; 25x35 cm + 1 c. archeologica |
| Collana | Puteoli : studi di storia antica , 1125-1808 |
| Disciplina | 937.7 |
| Locazione | FLFBC |
| Collocazione | 937.7 SOM 1 |
| Lingua di pubblicazione | Italiano |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |
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| 2. Record Nr. | UNINA9910373951403321 |
| Autore | Reza Rezaie Hamid |
| Titolo | Bone Cement : From Simple Cement Concepts to Complex Biomimetic Design // by Hamid Reza Rezaie, Mohammad Hossein Esnaashary, Masoud Karfarma, Andreas Öchsner |
| Pubbl/distr/stampa | Cham : , : Springer International Publishing : , : Imprint : Springer, , 2020 |
| ISBN | 3-030-39716-5 |
| Edizione | [1st ed. 2020.] |
| Descrizione fisica | 1 online resource (VIII, 88 p. 52 illus., 39 illus. in color.) |
| Collana | SpringerBriefs in Applied Sciences and Technology, , 2191-5318 |
| Disciplina | 617.471 |
| Soggetti | Medical physics
Biomaterials
Biomedical engineering
Medical Physics
Biomedical Engineering and Bioengineering |
| Lingua di pubblicazione | Inglese |
| Formato | Materiale a stampa |
| Livello bibliografico | Monografia |

Nota di contenuto

Cement Concept -- Conductivity: Material Design -- Productivity: Cells
-- Inductivity: Bioactive Agents.

Sommario/riassunto

This book provides an overview of the composition of polymeric and ceramic bone cements. It also discusses complex, biomimetic structures based on biomaterials, such as cells and bioactive molecules, which more closely resemble natural bone. The first chapter describes the main concepts of the cementation process and the parameters affecting it, while the second chapter focuses on the composition and structure of candidate biomaterials. Lastly, the third and fourth chapters present recent research aimed at improving the ability of naked biomaterials to enhance bone healing by adding cells and bioactive agents.