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Autore	Zhang Sam
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Nota di contenuto	<p>1. Magnetron sputtering deposition of chemically modified hydroxyapatite / Eng San Thian and Cleo Choong -- 2. Electrochemical deposition of hydroxyapatite and its biomedical applications / Toshiki Miyazaki and Masakazu Kawashita -- 3. Simultaneous incorporation of magnesium and fluorine ions in hydroxyapatite coatings on metallic implant for osseointegration and stability / Yanli Cai, Sam Zhang, Soon-Eng Ong, Xianting Zeng, and Wilson Wang -- 4. Zinc- and fluorine-doped HA coatings via Sol-Gel method / Kui Cheng and Wenjian Weng -- 5. Biomimetic hydroxyapatite materials for therapeutic delivery / Traveled W. Franklin-Ford, Darilis Suarez-Gonzalez, Jae Sung Lee, and William L. Murphy -- 6. Apatite-coated polymer template for implant and drug delivery / Zhe Zhang, Sam Zhang, and Lei Shang -- 7. Biofunctionalization of NiTi shape memory alloy promoting osseointegration by chemical treatment / Yanli Cai, Xianjin Yang, Zhenduo Cui, Minfang Chen, Kai Hu, and Changyi Li -- 8. Investigation and application of HA composite coating on the Ti alloy / Wei Qiang, Zhao Jin, Zhang Lijun, Liu Shimin, and Liang Yanqin.</p>
Sommario/riassunto	<p>"This handbook covers developments in processing and property characterization and applications of Hydroxyapatite (HA), providing a timely resource for active researchers and newcomers to the field. It details HA coatings and use in dental implants, biomimetic HA materials, electrochemical and pulsed laser deposition, drug delivery, and more. In an approach that differs from traditional handbooks, it contains more than just data such as tables and figures. It is written in such a way that seasoned professionals at every level will find it a</p>

valuable data source that gives them indispensable help in their research".

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