1. Record Nr. UNINA9910557153903321 Autore Attar Hooyar Titolo Titanium Alloys for Biomedical Implants and Devices Basel, Switzerland, : MDPI - Multidisciplinary Digital Publishing Pubbl/distr/stampa Institute, 2021 Descrizione fisica 1 electronic resource (194 p.) Soggetti History of engineering & technology Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia This special issue provides a current snapshot of recent advances and Sommario/riassunto ongoing challenges in the development of titanium alloys for biomedical implants and devices. Titanium offers significant advantages over other materials including higher strength and better biocompatibility. This issue highlights current trends and recent developments, including the uptake of additive manufacturing (3D printing), and approaches to improve processing and performance of

titanium alloys for medical applications.