

1. Record Nr.	UNINA9910595074703321
Autore	Jung Hyun-Do
Titolo	Titanium and Its Alloys for Biomedical Applications
Pubbl/distr/stampa	Basel, : MDPI Books, 2022
Descrizione fisica	1 electronic resource (140 p.)
Soggetti	Technology: general issues History of engineering & technology Mining technology & engineering
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Sommario/riassunto	<p>In recent decades, metals have been considered promising materials in the fields of regenerative medicine and tissue engineering. Metallic bio-materials with excellent mechanical strength can effectively support and replace damaged tissue. Hence, metals have been widely used in load-bearing applications for dentistry and orthopedics. Cobalt-, iron-, and titanium (Ti)-based alloys are representative bio-metals, which are used in various forms, such as vascular stents, hip joints, dental, and orthopedic implants. However, the alloying elements of Co- and Fe-based alloys, Co, Ni, and Cr, induce severe toxicity when ionized in the body, which limits their clinical use. However, Ti and its alloys have been widely used as medical devices and implants, with dental and orthopedic applications due to their excellent bone-regeneration ability, mechanical properties, and corrosion resistance. Even though Ti and its alloys have generally been used for biomedical applications, there are still challenges that must be met to satisfy their clinical application. For example, osseointegration with the surrounding bone tissue at the initial stage of implantation has been pointed to as a major issue. This Special Issue, "Titanium and Its Alloys for Biomedical Applications", has been proposed to present recent developments in biomedical applications. The nine research articles included in this Special Issue cover broad aspects of Ti-based alloys and composites</p>

with respect to their composition, mechanical, and biological properties, as highlighted in this editorial.

2. Record Nr.	UNINA9910779154803321
Autore	Berman Jacob Rama
Titolo	American arabesque [[electronic resource]] : Arabs, Islam, and the 19th-century imaginary // Jacob Rama Berman
Pubbl/distr/stampa	New York, : New York University Press, c2012
ISBN	0-8147-2321-7 0-8147-8951-X
Descrizione fisica	1 online resource (287 p.)
Collana	America and the long 19th century
Disciplina	810.9/3529927
Soggetti	American literature - 19th century - History and criticism National characteristics, American, in literature Islam in literature Arabs - Race identity National characteristics, American - History - 19th century Arabs in literature
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 and index.
Nota di contenuto	Introduction: Guest Figures -- The Barbarous Voice of Democracy -- Pentimento Geographies -- Poe's Arabesque -- American Moors and the Barbaresque -- Arab Masquerade : Mahjar Identity Politics and Trans-nationalism -- Afterword: Haunted Houses.
Sommario/riassunto	American Arabesque examines representations of Arabs, Islam and the Near East in nineteenth-century American culture, arguing that these representations play a significant role in the development of American national identity over the century, revealing largely unexplored exchanges between these two cultural traditions that will alter how we understand them today. Moving from the period of America's engagement in the Barbary Wars through the Holy Land travel mania in the years of Jacksonian expansion and into the writings of romantics such as Edgar Allan Poe, the book argues that not only were Arabs and

Muslims prominently featured in nineteenth-century literature, but that the differences writers established between figures such as Moors, Bedouins, Turks and Orientals provide proof of the transnational scope of domestic racial politics. Drawing on both English and Arabic language sources, Berman contends that the fluidity and instability of the term Arab as it appears in captivity narratives, travel narratives, imaginative literature, and ethnic literature simultaneously instantiate and undermine definitions of the American nation and American citizenship.
