1. Record Nr. UNISA990005975140203316

Titolo	Il monaco, il libro, la biblioteca : atti del Convegno, Cassino-Montecassino, 5-8 settembre 2000 / a cura di Oronzo Pecere
Pubbl/distr/stampa	Cassino, : Edizioni dell'Università degli studi, 2003
ISBN	88-8317-011-3
Descrizione fisica	246 p. : ill. ; 24 cm
Disciplina	206.57
Soggetti	Monachesimo - Atti di congressi
Collocazione	II.2. 6150
Lingua di pubblicazione	Italiano
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910882891803321

Titolo	Biology, Biomimetics and Natural Design : Innovative Technologies and Sustainable Materials / / edited by Amilton José Vieira de Arruda, Felipe Luis Palombini
Pubbl/distr/stampa	Cham : , : Springer Nature Switzerland : , : Imprint : Springer, , 2024
ISBN	3-031-65877-9
Edizione	[1st ed. 2024.]
Descrizione fisica	1 online resource (158 pages)
Collana	Environmental Footprints and Eco-design of Products and Processes, , 2345-766X
Disciplina	547.192
Soggetti	Sustainability Industrial design Building materials Industrial Design Wood, fabric, and textiles
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	Chapter 1: Adaptive façades: a comparative analysis of bimetal solutions -- Chapter 2: Utilization of accessible 3D technologies for the study of Bionics in Jewelry Design -- Chapter 3: Ecological Materialities: Exploring the Entanglement of Nature, Design, and Technology in Contemporary Materials -- Chapter 4: Nature Sparkles by Design: natural molecules for polymer functionalization for sustainable design applications -- Chapter 5: Crafting Ecosystems. Algae, echinoids, and algorithms for a new biomimetic design experience -- Chapter 6: Design Beyond the Environmental Pillar: Potential Contributions of Biomimicry to Social Design -- Chapter 7: Nature as inspiration in learning processes -- Chapter 8: Design of Bio-Based Coated Textiles with Incorporation of Pine Wood Wastes that Mimics Leather.
Sommario/riassunto	For billions of years, nature has provided efficient solutions to complex problems, by means of natural selection, in a harsh environment that only the fittest organisms survived. Such sustainable – still ruthless – driven evolution can be explored by designers, architects, engineers and more for the development of innovative projects. Biomimetics makes the link between Biology and Design, where features like shapes, mechanisms, colors, structures, and more can be analyzed, organized, modeled, and simulated for application in multiple creations. Therefore, such knowledge can contribute to more efficient and innovative solutions to many fields of applied science. This project aims to highlight some of the recent technological breakthroughs in Biology, Biomimetics and Natural Design that contribute to the development of sustainable and innovative materials and projects. This work consists of contributions from some of the main international groups of Biomimetics, exhibiting exciting cases of how technological advancements are leading to improved design solutions as well as shaping our very comprehension of nature and its complex organization.