

1.	Record Nr.	UNINA990007001590403321
	Autore	Lana, Italo <1921-2002>
	Titolo	Considerazioni sul "classico" / Italo Lana
	Pubbl/distr/stampa	Torino : Giappichelli, 1998
	Descrizione fisica	121 p. ; 22 cm
	Locazione	DDR
	Collocazione	Direz. L-073
	Lingua di pubblicazione	Italiano
	Formato	Materiale a stampa
	Livello bibliografico	Monografia
2.	Record Nr.	UNINA9910787647903321
	Autore	Jelinek Raz
	Titolo	Biomimetics : a molecular perspective / / Raz Jelinek
	Pubbl/distr/stampa	Berlin ; ; Boston : , : De Gruyter, , [2013] ©2013
	ISBN	3-11-028119-8
	Descrizione fisica	1 online resource (260 p.)
	Collana	De Gruyter Textbook De Gruyter graduate
	Classificazione	WD 2350
	Disciplina	610.82/4
	Soggetti	Biomimetic materials Biomimetics
	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	Bio-inspired and bio-hybrid materials -- Biomimetic surfaces -- Tissue engineering -- Biomineralization -- Synthetic biology -- Artificial cells -- Drug delivery -- DNA and RNA nanotechnology -- Mimicking biological phenomena and concepts.

Biological systems have always inspired mankind in the creation of new systems and technologies. In recent years the interface between the biological and non-biological worlds appears increasingly blurred due to significant advances both in our understanding of biological phenomena, as well as the development of sophisticated means to manipulate molecular systems for varied applications. Biomimetics as a distinct discipline shows how biology and biological processes are manifested in diverse aspects of chemistry, physics and engineering. This book aims to methodically describe artificial and synthetic assemblies mimicking biological and living systems - from biomaterials to drug discovery to microelectronics and computer sciences.
