

1. Record Nr.	UNISA996202437303316
Titolo	Molecular biology
Pubbl/distr/stampa	[Dordrecht, Netherlands], : MAIK Nauka Interperiodica in cooperation with Springer Sciences & Business Media B.V New York, New York : , : Pleiades Publishing, Inc. Jersey City, New Jersey : , : Springer Nature
ISSN	1608-3245
Disciplina	572.8
Soggetti	Molecular biology Cytogenetics Biology cytogenetics Biologie moléculaire - Périodiques Biologie - Périodiques Cytogénétique - Périodiques Periodicals.
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Periodico
Note generali	Refereed/Peer-reviewed

2. Record Nr.	UNINA9910633912903321
Autore	Shaykh Khalid
Titolo	Artificial Intelligence in Dentistry / / by Khalid Shaikh, Sreelekshmi Vivek Bekal, Hesham Fathi Ahmed Marei, Walid Shaaban Moustafa Elsayed, Dusan Surdilovic, Lubna Abdel Jawad
Pubbl/distr/stampa	Cham : , : Springer International Publishing : , : Imprint : Springer, , 2023
ISBN	9783031197154 3031197151
Edizione	[1st ed. 2023.]
Descrizione fisica	1 online resource (205 pages)
Collana	Engineering Series
Disciplina	614.428 617.20028563
Soggetti	Biomedical engineering Dentistry Artificial intelligence Machine learning Biomedical Engineering and Bioengineering Artificial Intelligence Machine Learning
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Includes index.
Nota di contenuto	Introduction to Dentistry and Dental Health -- Evolution of Dental Profession -- Prevalent Dental Diseases: Symptoms, Types, Etiology -- Connection between mouth and body - Importance of dental health in general health & well-being -- Advances in Dentistry -- Artificial Intelligence and its Role in Healthcare -- Artificial Intelligence and Machine Learning in Dentistry -- Case Studies.
Sommario/riassunto	This book provides an introduction to next-generation applications and technologies for improving diagnostic accuracy and prediction of treatment outcomes in dentistry through the use of artificial intelligence (AI) and machine learning (ML). The authors attempt to bridge the gap between dental research and global health outcomes, as well as provide a comprehensive guide to general and clinical aspects of dental and oral health issues and the etiology, prevalence,

assessment, and management of these conditions. This book combines engineering applications and medical healthcare and will be an important reference for researchers, biomedical engineers, dental students, and dental practitioners. Looks at recent advances in dental and oral health; Discusses AI applications in dentistry; Includes case studies.
