

1. Record Nr.	UNINA9911020320203321
Autore	Joshi Kapil
Titolo	Human Cancer Diagnosis and Detection Using Exascale Computing
Pubbl/distr/stampa	Newark : , : John Wiley & Sons, Incorporated, , 2024 ©2024
ISBN	9781394197705 1394197705 9781394197699 1394197691
Edizione	[1st ed.]
Descrizione fisica	1 online resource (330 pages)
Altri autori (Persone)	GuptaSomil Kumar
Disciplina	616.9940750285
Soggetti	Exascale computing Cancer - Diagnosis
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
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Sommario/riassunto

This comprehensive volume explores the utilization of exascale computing in the diagnosis and detection of human cancers. It delves into the application of advanced computing technologies, such as machine learning and deep learning, for medical imaging, data fusion, and the treatment of cancer. The book covers various topics including multimodal data analysis, cloud computing in healthcare, and the development of fast computing networks for medical systems. It aims to provide insights into the integration of computational methods with healthcare practices to enhance cancer diagnosis and treatment. The book is intended for researchers, practitioners, and academics in fields of computer science, biomedical engineering, and healthcare technology.
