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Descrizione fisica	1 online resource (347 pages)
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Nota di contenuto	Molecular imaging, instrumentation USG, CT, MR, PET, SPECT, PET-CT, PET-MR & SPECT -- Molecular imaging biomarkers and probes contrast agents -- Radiopharmaceuticals -- Optical agents -- Molecular radiopharmaceuticals -- Molecular imaging in infection inflammation -- Molecular imaging in oncology -- Functional molecular imaging -- PET-MR -- Nanoimaging -- Amyloid imaging -- Hypoxia imaging -- Translational imaging -- Multiparametric imaging -- Immunoimaging -- Optical imaging.
Sommario/riassunto	This book covers all the advances in the imaging and elaborates on their applications and advantages. It provides step by step overview of the various advanced imaging modalities like molecular imaging, nano imaging, robotic imaging, stem cell imaging, optical imaging, immunoimaging, etc. It describes the applications of various advanced imaging modalities in pathologies like oncology, infection and inflammation and other conditions and provides the available therapeutic options with the help of these modalities. It also covers the detailed aspects of various modalities like ultrasound, CT, MRI, PET-CT, PET-MRI and other modalities. It includes the detailed explanation of various radiotracers, biomarkers and probes with many applications. Chapters cover detailed information at molecular level. The book is

helpful for oncologists, hematologists, surgeons and many other  
specialists. .

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