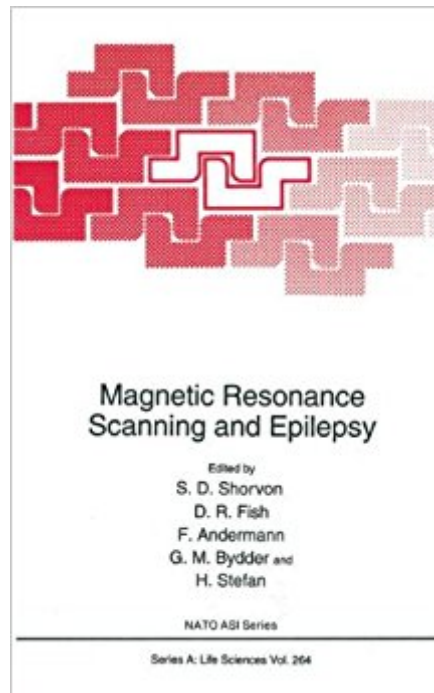




Ebook Directory
the best source of ebook

The book was found

Magnetic Resonance Scanning And Epilepsy (Nato Science Series A:)



Synopsis

It was only in 1980 that the first recognisable magnetic resonance images of the human brain were published, by Moore and Holland from Nottingham University in England. There then followed a number of clinical trials of brain imaging, the most notable from the Hammersmith Hospital in London using a system designed by EMI, the original manufacturers of the first CT machines. A true revolution in medicine has ensued; in only a few years there are thousands of scanning units, and magnetic resonance imaging (MRI) has assumed a central importance in medical investigation. It is an extraordinary fact that within a few years of development, the esoteric physics of nuclear spin, angular momentum, and magnetic vector precession were harnessed to provide exquisite images of living anatomy; modern science has no greater tribute. That indisputable king of neurology and the oldest of recorded conditions, epilepsy, has not been untouched by the new technology; indeed, it is our view that the introduction of MRI of electroencephalography (EEG) in the late has been as important to epilepsy as was that 1930s. Now, for the first time, the structural and aetiological basis of the condition is susceptible to thorough investigation, and MRI can provide structural detail to parallel the functional detail of EEG. MRI has the same potential as had EEG over 50 years ago, to provide a new level of understanding of the basic mechanisms, the clinical features and the treatment of epilepsy.

Book Information

Series: Nato Science Series A: (Book 264)

Paperback: 323 pages

Publisher: Springer; Softcover reprint of the original 1st ed. 1994 edition (October 23, 2012)

Language: English

ISBN-10: 1461360862

ISBN-13: 978-1461360865

Product Dimensions: 7 x 0.8 x 10 inches

Shipping Weight: 1.4 pounds (View shipping rates and policies)

Average Customer Review: Be the first to review this item

Best Sellers Rank: #831,869 in Books (See Top 100 in Books) #64 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Radiology & Nuclear Medicine > Ultrasonography](#) #80 in [Books > Textbooks > Medicine & Health Sciences > Medicine > Clinical > Surgery > Neurosurgery](#) #86 in [Books > Medical Books > Medicine > Internal Medicine > Radiology > Ultrasonography](#)

[Download to continue reading...](#)

Magnetic Resonance Scanning and Epilepsy (Nato Science Series A:) Epilepsy: Cure - What You Need to Know about Epilepsy: Therapy, Diagnosis, Treatment, Diet, Signs, Symptoms and Medication (Epilepsy Books - Epilepsy Therapy ... Treatment - Epilepsy in children Book 1) Introduction to magnetic resonance with applications to chemistry and chemical physics (Harper's chemistry series) NATO Divided, NATO United: The Evolution of an Alliance Cranial Neuroimaging and Clinical Neuroanatomy: Magnetic Resonance Imaging and Computed Tomography (Thieme Classics) Introduction to magnetic resonance with applications to chemistry and chemical physics Magnetic Resonance Imaging: Physical and Biological Principles, 4e Magnetic Resonance Imaging: Physical Principles and Sequence Design Principles of Nuclear Magnetic Resonance Microscopy Magnetic Resonance of the Temporomandibular Joint Considerations Nuclear Magnetic Resonance (Oxford Chemistry Primers) Metal Ions in Biological Systems: Volume 21: Applications of Magnetic Resonance to Paramagnetic Species Introduction to Magnetic Resonance The Chemistry of Contrast Agents in Medical Magnetic Resonance Imaging Principles of Magnetic Resonance Imaging: A Signal Processing Perspective Hybrid PET/MR Imaging, An Issue of Magnetic Resonance Imaging Clinics of North America, 1e (The Clinics: Radiology) Functional Magnetic Resonance Imaging Sonography Scanning: Principles and Protocols, 4e (Ultrasound Scanning) Seashells i-Clip Magnetic Page Markers (Set of 8 Magnetic Bookmarks) Neuropsychology of Epilepsy and Epilepsy Surgery (AACN WORKSHOP SERIES)

[Contact Us](#)

[DMCA](#)

[Privacy](#)

[FAQ & Help](#)