1. Record Nr. UNISANNIOMIL0075214

Titolo	HEMTs and HBTs : devices, fabrication, and circuits / Fazal Ali, Aditya Gupta editors
Pubbl/distr/stampa	Boston ; London, : Artech house, c1991
ISBN	0890064016
Descrizione fisica	XII, 377 p. : ill. ; 24 cm.
Collana	The Artech House microwave library
Disciplina	621.3815 621.3815284
Soggetti	Transistori a effetto di campo
Collocazione	SALA DING 621.3815 HEMAH
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia

2. Record Nr. UNINA9910300339903321

Titolo	PET and SPECT in Neurology / / edited by Rudi A.J.O. Dierckx, Andreas Otte, Erik F.J. de Vries, Aren van Waarde, Klaus L. Leenders
Pubbl/distr/stampa	Berlin, Heidelberg : , : Springer Berlin Heidelberg : , : Imprint : Springer, , 2014
ISBN	3-642-54307-3
Edizione	[1st ed. 2014.]
Descrizione fisica	1 online resource (1103 p.)
Disciplina	610 616.07548 616.0757 616.8
Soggetti	Nuclear medicine Radiology Neurology Nuclear Medicine Imaging / Radiology
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 at the end of each chapters and index.
Nota di contenuto	BASICS: Nuclear Medicine Imaging Tracers for Neurology -- 18F-Fluorodeoxyglucose Positron Emission Tomography Procedures -- Tracer-Kinetic Modeling -- Quantification in Brain SPECT -- MRI/PET Brain Imaging -- An Investigation of Statistical Power of [15O]-H2O PET Perfusion Imaging -- Molecular Imaging Using Magnetic Resonance Spectroscopy in Neurology -- The Default Network of the Brain -- DEMENTIA: Dementia Due to Neurodegenerative Disease – Molecular Imaging Findings -- Abeta Imaging in Aging, Alzheimer's Disease and Other Neurodegenerative Conditions -- PET Imaging of the Alpha4Beta2*-Nicotinic Acetylcholine Receptors in Alzheimer's -- Neuroimaging Findings in Mild Cognitive Impairment -- Impact of the IWG/Dubois Criteria for Alzheimer's Disease in Imaging Studies -- Perfusion SPECT -- Nuclear Imaging in Frontotemporal -- Parkinson Dementia: PET Findings -- SPECT/PET Findings in Lewy Body Dementia

-- Vascular -- Value of MIBG in the Differential Diagnosis of Neurodegenerative Disorders -- Linking Molecular Biology to Therapeutic Approaches for Alzheimer Disease with PET -- CEREBROVASCULAR DISORDERS: PET and SPECT Studies of Ageing and Cardiovascular Risk Factors for Alzheimer's Disease -- Carotid Plaque Imaging with SPECT-CT and PET-CT -- ET in Brain Arteriovenous Malformations and Cerebral Proliferative Angiopathy -- Transient Ischemic Attack -- PET Reveals Pathophysiology in Ischemic Stroke -- MOVEMENT DISORDERS: Parkinson Disease -- SPECT Imaging for Idiopathic M.Parkinson and Parkinsonian Syndromes -- PET and SPECT Imaging in Parkinsonian Syndromes -- Amyotrophic Lateral Sclerosis -- PET in Huntington's Disease -- PET and SPECT Imaging in Dystonia -- PET and SPECT Imaging in Hyperkinetic Movement Disorders -- Clinical Applications of [123I]FP-CIT SPECT Imaging -- INFLAMMATORY DISORDERS: PET Imaging of Microglia Activation in Neuropsychiatric Disorders with Potential Infectious Origin -- PET Imaging in Multiple Sclerosis -- PET and SPECT Imaging of Neurotoxicity -- PET and SPECT in Hepatic and Uremic Encephalopathy -- EPILEPSY: PET in Epilepsy -- Subtraction ictal SPECT coregistered to MRI (SISCOM) -- Nuclear Medicine Neuroimaging and Electromagnetic Source Localization in Nonlesional Drug-Resistant Focal -- TUMORS OF THE NERVOUS SYSTEM: PET Imaging of Gliomas -- Single-Photon Emission Computed Tomography [Neuro-SPECT] Imaging of Brain Tumors -- The Value of 11C-Methionine PET in the Differential Diagnosis between Brain Tumor Recurrence and Radionecrosis -- Imaging Brain Metastases of Neuroendocrine Tumors -- OTHER SUBJECTS: Traumatic Brain Injury -- Whiplash: real or not real? A review and new concept -- Positron Emission Tomography Imaging in Altered States of Consciousness -- Anaesthesia and PET of the Brain -- Modulation of Brain Functioning by Deep Brain Stimulation -- Radionuclide Imaging Studies in Pediatric Neurology.

Sommario/riassunto

PET and SPECT in Neurology highlights the combined expertise of renowned authors whose dedication to the investigation of neurological disorders through nuclear medicine technology has achieved international recognition. Classical neurodegenerative disorders are discussed as well as cerebrovascular disorders, brain tumors, epilepsy, head trauma, coma, sleeping disorders, and inflammatory and infectious diseases of the CNS. The latest results in nuclear brain imaging are detailed. Most chapters are written jointly by a clinical neurologist and a nuclear medicine specialist to ensure a multidisciplinary approach. This state-of-the-art compendium will be valuable to anybody in the field of neuroscience, from the neurologist and the radiologist/nuclear medicine specialist to the interested general practitioner and geriatrician. It is the second volume of a trilogy on PET and SPECT imaging in the neurosciences, the other volumes covering PET and SPECT in psychiatry and in neurobiological systems.