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Descrizione fisica	1 online resource (xvi, 427 pages) : digital, PDF file(s)
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Nota di contenuto	section 1. Introduction -- section 2. Neuroimaging of wakefulness and sleep -- section 3. Neuroimaging, sleep loss, and circadian misalignment -- section 4. Sleep and memory -- section 5. Neuroimaging of sleep disorders.
Sommario/riassunto	This up-to-date, superbly illustrated book is a practical guide to the effective use of neuroimaging in the patient with sleep disorders. There are detailed reviews of new neuroimaging techniques - including CT, MRI, advanced MR techniques, SPECT and PET - as well as image analysis methods, their roles and pitfalls. Neuroimaging of normal sleep and wake states is covered plus the role of neuroimaging in conjunction with tests of memory and how sleep influences memory consolidation. Each chapter carefully presents and analyzes the key findings in patients with sleep disorders indicating the clinical and imaging features of the various sleep disorders from clinical

presentation to neuroimaging, aiding in establishing an accurate diagnosis. Written by neuroimaging experts from around the world, Neuroimaging of Sleep and Sleep Disorders is an invaluable resource for both researchers and clinicians including sleep specialists, neurologists, radiologists, psychiatrists, psychologists.

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