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in Sleep Pathology M.A. Steiner 2021-05-28 The orexin system, discovered in 1998, has

The Orexin System. Basic Science and Role

emerged as a crucial player in regulating the sleep and wake balance inside our brain. This discovery has sparked a burst of novel and dynamic research on the physiology and pathology of sleep. The Orexin System: Basic Science and Role in Sleep Pathology honors this research and the authors share their ideas and perspectives on the novel developments within the field. The book examines the intricate role of the orexin system in regulating sleep and wake, and its interaction with other wake-regulating systems. The orexin system is dissected at the cellular and molecular level to explore the diversity of the orexin-producing neurons, their projections, and their signaling pathways. Additionally, the book discusses the diseases which are associated with a dysfunctional orexin system, such as narcolepsy, insomnia, substance abuse, and Alzheimer's disease, and explores the new potential therapeutic applications derived from the burst of research around this fascinating system. This publication is essential

reading for neurobiologists, neurologists, psychopharmacologists, sleep researchers, and other researchers and clinical scientists interested in sleep, sleep research, insomnia, and medicine in general.

Chicago Psychoanalytic Literature Index 1982 **Sleep and Mental Illness** S. R. Pandi-Perumal 2010-04-01 The diagnosis of mental illness is frequently accompanied by sleep problems; conversely, people experiencing sleep problems may subsequently develop mental illness. Sleep and Mental Illness looks at this close correlation and considers the implications of research findings that have emerged in the last few years. Additionally, it surveys the essential concepts and practical tools required to deal with sleep and co-morbid psychiatric problems. The volume is divided into three main sections: basic science, neuroendocrinology, and clinical science. Included are over 30 chapters on topics such as neuropharmacology, insomnia, depression, dementia, autism, and

schizophrenia. Relevant questionnaires for the assessment of sleep disorders, including quality-of-life measurement tools, are provided. There is also a summary table of drugs for treating sleep disorders. This interdisciplinary text will be of interest to clinicians working in psychiatry, behavioral sleep medicine, neurology, pulmonary and critical care medicine

Sleep 1983

Sleep 1982 Werner Paul Koella 1983
Sleep and Health Michael Grandner 2019-04-17
Sleep and Health provides an accessible yet
comprehensive overview of the relationship
between sleep and health at the individual,
community and population levels, as well as a
discussion of the implications for public health,
public policy and interventions. Based on a firm
foundation in many areas of sleep health
research, this text further provides introductions
to each sub-area of the field and a summary of
the current research for each area. This book
serves as a resource for those interested in

learning about the growing field of sleep health research, including sections on social determinants, cardiovascular disease, cognitive functioning, health behavior theory, smoking, and more. Highlights the important role of sleep across a wide range of topic areas Addresses important topics such as sleep disparities, sleep and cardiometabolic disease risk, real-world effects of sleep deprivation, and public policy implications of poor sleep Contains accessible reviews that point to relevant literature in oftenoverlooked areas, serving as a helpful guide to all relevant information on this broad topic area Sleep Deprivation, Stimulant Medications, and Cognition Nancy J. Wesensten 2012-08-23 Provides a critical review of stimulant medication literature regarding stimulant efficacy for restoring/maintaining cognition during sleep loss.

<u>Fundamentals of Sleep Technology</u> Teofilo Lee-Chiong, M.D. 2012-06-01 Fundamentals of Sleep Technology provides a thorough understanding of the use of polysomnography and other technologies in the evaluation and management of sleep disorders. Coverage includes in-depth reviews of the neurophysiology and cardiopulmonary aspects of sleep, along with the pathophysiology of sleep disorders. Detailed sections on polysomnography include recording procedures, identifying and scoring sleep stages and sleep-related events, and report generation. Chapters discuss therapeutic interventions including positive airway pressure, supplemental oxygen, surgical and pharmacologic treatments, and patient education. A section focuses on pediatric sleep disorders and polysomnography. Also included are chapters on establishing and managing a sleep center and accrediting a sleep program. Fundamentals of Sleep Technology is endorsed by American Association of Sleep Technologists (AAST). AAST committees oversaw the development of this book, defining the table of contents, recruiting the Editors, and providing most of the contributors.

Deutsche Bibliographie 1983 Physiology in Sleep John Orem 2012-12-02 Physiology in Sleep provides the physiological definition of sleep and presents the philosophical approach to sleep that departs from pharmacological and neurophysiological theories of sleep. This book discusses the effects of sleep on cardiovascular and respiratory function, cerebral metabolism and blood flow, as well as temperature regulation. Comprised of eight chapters, this text starts with an overview of the cardiovascular changes that occur during sleep and its direct relevance to human physiology and disease. This book then explores the variety of sleep stages, characteristics, and possible functions. Other chapters consider the evidence of nychtohemeral rhythmicity in man's hormones that subserve growth, maturation, nurture, reproduction, mineral metabolism, energy regulation, adaptation, and survival. This book further discusses the gastric, esophageal, and intestinal functioning during sleep. The final

chapter explores the sleep apnea syndromes and some examples of the sudden infant death syndrome. This book is intended for readers seeking a detailed account of physiology in sleep.

Sleep Disorders Sue Wilson 2013-09-26 Sleep dysfunction is one of the primary symptoms reported by patients with psychiatric disorders, and specifically those suffering from anxiety and depressive disorders. Conversely, primary insomnia and other sleep disorders produce symptoms of mood disturbance that are quite similar to those reported by patients with psychiatric disorders. Because of this overlap in the symptoms and treatments for insomnias and psychiatric disorders, it is important for clinicians to be able to accurately identify the root cause of sleep dysfunction in individual patients in order to optimize treatment. Part of the Oxford Psychiatry Library series, Sleep Disorders provides clinicians with an overview of current understanding of sleep physiology, the

pathophysiology of sleep disturbance, and the diagnosis and treatment of sleep disorders. This second edition includes new sections covering sleep problems in children, sleep in the elderly, and sleep in pregnancy and menopause, as well as new algorithms from the British Association of Psychopharmacology's (BAP's) new Consensus Guidelines on the management of sleep disorders.

Sleep-Wake Neurobiology and Pharmacology
Hans-Peter Landolt 2019-09-03 This volume
connects current ideas and concepts about sleep
functions and circadian rhythms with the search
for novel target-selective sleep-wake
therapeutics. To do so, it provides a timely,
state-of-the-art overview of sleep-wake
mechanisms in health and disease, ongoing
developments in drug discovery, and their
prospects for the clinical treatment of sleepdisordered patients. It particularly focuses on
the concept that sleep and wakefulness mutually
affect each other, and the future therapeutic

interventions with either sleep- or wakepromoting agents that are expected to not only improve the quality of sleep but also the waking behavior, cognition, mood and other sleepassociated physiological functions. The chapter 'Sleep Physiology, Circadian Rhythms, Waking Performance and the Development of Sleep-Wake Therapeutics' available open access under a CC BY 4.0 license at link.springer.com **Sleep and Dreaming** Edward F. Pace-Schott 2003-02-27 How and why does the sleeping brain generate dreams? Though the guestion is old, a paradigm shift is now occurring in the science of sleep and dreaming that is making room for new answers. From brainstem-based models of sleep cycle control, research is moving toward combined brainstem/forebrain models of sleep cognition itself. The book presents five papers by leading scientists at the center of the current firmament, and more than seventy-five commentaries on those papers by nearly all of the other leading authorities in the field. Topics

include mechanisms of dreaming and REM sleep, memory consolidation in REM sleep, and an evolutionary hypothesis of the function of dreaming. The papers and commentaries, together with the authors' rejoinders, represent a huge leap forward in our understanding of the sleeping and dreaming brain. The book's multidisciplinary perspective will appeal to students and researchers in neuroscience, cognitive science, and psychology.

Naturwissenschaftliche Rundschau 1983 Whitaker's Books in Print 1998

Principles and Practice of Geriatric Sleep Medicine S. R. Pandi-Perumal 2009-11-26 Sleep disorders cause considerable morbidity and distress in the aging population. By highlighting the clinical diagnosis and management of sleep disorders, this volume provides a valuable resource for all those involved in health care of older individuals. The changes in sleep patterns that occur during normal aging are described, followed by authoritative chapters on the

presentation of various age-related sleep disorders. The book deals with the range of therapeutic measures available for managing these disorders and gives insight to potential areas of research that have emerged in the last few years, such as the study of circadian rhythms in later life, sleep patterns associated with co-morbidities and the use of quality-of-life measurement tools to determine sleep quality as we age. This volume is relevant to sleep disorders specialists, psychiatrists, geriatricians and gerontologists, and any professionals and researchers working in the interdisciplinary areas of sleep and aging.

Medical Journal of Australia 1984
Index of Conference Proceedings Received
British Library. Lending Division 1983
Medical Times 1989
Sleep Research 1984
Sudden Infant Death Syndrome Ronald M.
Harper 1988

Neuroepidemiology 1982

Sleep and Cognition Daniel L. Schacter 2004 1900Sixth [6.] European Congress on Sleep Research Werner Paul Koella 1983 Sleep 1982 Werner Paul Koella 1983 **International Bibliography of Eating Disorders, 1977-1986** 1987 Abstract: A bibliography for clinical dietitians, food and nutrition researchers and other health professionals provides 2543 technical references covering eating disorders, grouped among 33 categories. The categories range from behavioral biology, body organ and system biology, genetics, and immunology, to metabolism, neoplasia, pharmacology, psychiatry, public health, and toxicology. Each entry includes the title of the publication, its authors, literature citation, and keywords. Author and extensive keyword indices are appended. Whitaker's Cumulative Book List 1983 Foundations of Psychiatric Sleep Medicine John

W. Winkelman 2010-12-23 Sleep-related complaints are extremely common across the spectrum of psychiatric illness. Accurate diagnosis and management of sleep disturbances requires an understanding of the neurobiological mechanisms underlying sleep and wakefulness, the characteristics of sleep disturbance inherent to psychiatric illness and primary sleep disorders, as well as the psychopharmacologic and behavioral treatments available. Foundations of Psychiatric Sleep Medicine provides a uniquely accessible, practical, and expert summary of current clinical concepts at the sleep-psychiatry interface. Topics covered include: basic principles in sleep science, clinical sleep history taking, primary sleep disorders in psychiatric contexts, and sleep disturbance across a range of mood, anxiety, psychotic, substance use, cognitive and developmental disorders. Written by outstanding experts in the field of sleep medicine and psychiatry, this academically rigorous and clinically useful text

is an essential resource for psychiatrists, psychologists and other health professionals interested in the relationship between sleep and mental illness.

Sleep '84 Werner Paul Koella 1985 Sleep Disorders and Sleep Deprivation Institute of Medicine 2006-10-13 Clinical practice related to sleep problems and sleep disorders has been expanding rapidly in the last few years, but scientific research is not keeping pace. Sleep apnea, insomnia, and restless legs syndrome are three examples of very common disorders for which we have little biological information. This new book cuts across a variety of medical disciplines such as neurology, pulmonology, pediatrics, internal medicine, psychiatry, psychology, otolaryngology, and nursing, as well as other medical practices with an interest in the management of sleep pathology. This area of research is not limited to very young and old patientsâ€"sleep disorders reach across all ages and ethnicities. Sleep Disorders and Sleep

Deprivation presents a structured analysis that explores the following: Improving awareness among the general public and health care professionals. Increasing investment in interdisciplinary somnology and sleep medicine research training and mentoring activities. Validating and developing new and existing technologies for diagnosis and treatment. This book will be of interest to those looking to learn more about the enormous public health burden of sleep disorders and sleep deprivation and the strikingly limited capacity of the health care enterprise to identify and treat the majority of individuals suffering from sleep problems. **Brain, Behavior and Evolution** 1983 Clinical Nursing Practice Alison J. Tierney 1986 Proceedings in Print 1984 The Oxford Handbook of Sleep and Sleep Disorders Charles M. Morin 2012-03 A great deal of progress has been made in the characterization assessment and treatment of sleep disorders in recent years. Detailing the

functions of sleep and its effect on cognition and development, this book offers a comprehensive, practical approach to the evaluation and treatment of patients with sleep disorders.

Unlisted Drugs 1987 Indexed references to all entries published in Unlisted drugs. Arranged under Index of drug names and Index of drug numbers. Entries refere to volume and page of original citations. Includes comprehensive manufacturers' directory, and list of recent books on drugs. 1st ed., 1969, contains 45,000 references to entries from Unlisted drugs, v. 1, Jan., 1949, through v. 19, Dec., 1967 Prescription Sleep Aid Use Among Adults Yinong Chong 2013

Anesthetic Pharmacology Alex S. Evers 2011-03-10 In recent years our understanding of molecular mechanisms of drug action and interindividual variability in drug response has grown enormously. Meanwhile, the practice of anesthesiology has expanded to the preoperative environment and numerous locations outside the

OR. Anesthetic Pharmacology: Basic Principles and Clinical Practice. 2nd edition, is an outstanding therapeutic resource in anesthesia and critical care: Section 1 introduces the principles of drug action, Section 2 presents the molecular, cellular and integrated physiology of the target organ/functional system and Section 3 reviews the pharmacology and toxicology of anesthetic drugs. The new Section 4, Therapeutics of Clinical Practice, provides integrated and comparative pharmacology and the practical application of drugs in daily clinical practice. Edited by three highly acclaimed academic anesthetic pharmacologists, with contributions from an international team of experts, and illustrated in full colour, this is a sophisticated, user-friendly resource for all practitioners providing care in the perioperative period.

Sleep in the ICU Nancy A. Collop 2008 British Books in Print 1985

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