# Sleep and Biological Rhythms

## Official Journal of the Japanese Society of Sleep Research

### **Volume 19 · Number 1 · 2021**

### **EDITORIALS**

Contributions of sleep physiology to empathic capability in helping people

M. Uchivama 1

Might CPAP prevent exacerbation in patients with COVID-19 with or without obstructive sleep apnea? K. Chin 3

#### **ORIGINAL ARTICLES**

Risk of incident gastroesophageal reflux disease (GERD) in patients with sleep disorders: a population-based cohort study

Y.-H. Cheng · T.-H. Tung · P.-E. Chen · C.-Y. Tsai 5

Evaluation of sleep disorders, anxiety and depression in women with dysmenorrhea

İ. Çaltekin · M. Hamamcı · M. Demir Çaltekin · T. Onat 13

Bidirectional relationship between perceived stress and insomnia symptoms: the role of coping and quality of life

J. Cardoso · T.C. Almeida · C. Ramos · S. Sousa · J. Brito 23

Typologies of individuals vulnerable to insomnia: a two-step cluster analysis

D.R. Marques  $\cdot$  A.A. Gomes  $\cdot$  V. Clemente  $\cdot$  C.L. Drake  $\cdot$  T. Roth  $\cdot$  C.M. Morin  $\cdot$  M.H.P. de Azevedo 33

Interrelationship between sleep quality of 1-month old infants and their mothers' corresponding activities

Y. Adachi · T. Katsuki · M. Ueda · K. Adachi · S. Miyazaki 45

Relationship between inflammatory biomarkers and sleep-disordered breathing in patients with heart failure

A. Sato · T. Kato · T. Kasai · S. Ishiwata · S. Yatsu · H. Matsumoto · J. Shitara · A. Murata · M. Shimizu · S. Suda · Y. Matsue · R. Naito · M. Hiki · H. Daida 55

Floppy eyelids: sleeping patterns of spouses as indicators of laterality

R. Stein  $\cdot$  J.P. Fezza  $\cdot$  A.R. Harrison  $\cdot$  G.G. Massry  $\cdot$  R.M. Schwarcz  $\cdot$  M.E. Hartstein  $\mathbf{63}$ 

Effects of stimulant treatment on sleep in attention deficit hyperactivity disorder (ADHD)

M. Sanabra · T. Gómez-Hinojosa · C. Alcover · O. Sans · J.A. Alda 69

The relationship between sleep quality and breakfast, mid-morning snack, and dinner and physical activity habits among adolescents: a cross-sectional study in Yazd, Iran

H. Mozaffari-Khosravi · M. Karandish · A.M. Hadianfard · M. Azhdari · L. Sheikhi · M. Tabatabaie · S. Shams-Rad · F. Mirzavandi · S. Babaie 79

Dietary intake, eating behavior and physical activity in individuals with and without obstructive sleep apnea

C.J. Beatty · S.A. Landry · J. Lee · S.A. Joosten · A. Turton · D.M. O'Driscoll · A.-M. Wong · L. Thomson · B.A. Edwards · G.S. Hamilton **85** 

Associated factors of habitual midday napping among Chinese adolescents

N. Cui · X. Ji · J. Li · N. Cui · G. Wang 93

SHORT PAPER

The effects of sleepiness, time of day, and 12-h shifts on affective and cognitive empathy in emergency medical technicians

A. Amalean  $\cdot$  H. Pavuluri  $\cdot$  W.M. Schmidt  $\cdot$  L.A. Fowler **105** 

LETTER TO THE EDITOR

Snoring and obstructive sleep apnoea as risk factors in SARS-Cov-2: can nasal CPAP during sleep reduce pneumonia risk?

C.E. Sullivan 109

Further articles can be found at link.springer.com

Indexed in Science Citation Index Expanded (SciSearch), PubMed, SCOPUS, PsycINFO, EMBASE, Google Scholar, Academic Search, CSA Biological Sciences, CSA Neurosciences Abstracts, OCLC, SCImago, Summon by ProQuest, TOC Premier

**Instructions for Authors** for *Sleep Biol. Rhythms* are available at http://www.springer.com/41105