

2025

【77】Sleep Quality and Quality of Life in Older Patients with Hypertension after Night-Time Hot Spring Bathing: A Single-Institution Intervention Study

Ageing International

October 01, 2025. doi.org/10.1007/s12126-025-09616-w

Satoshi Yamasaki, Yusuke Kashiwado, Yusuke Akiyama & Takahiko Horiuchi

【76】Objective evaluation of major depressive disorder using sleep electroencephalography measured by an in-home portable one-channel device: a preliminary study

Sleep and Breathing

April 21, 2025. doi.org/10.1007/s11325-025-03329-9

Aoi Kawamura, Hiroshi Kadotani, Masahiro Suzuki, Makoto Uchiyama, Naoto Yamada, Kenichi Kuriyama

2024

[7 5] Nocturnal Gastroesophageal Reflux and Sleep Depth in Healthy Adults, as Measured by Portable High-Resolution Manometry, Esophageal pH, and Electroencephalography

Journal of Nippon Medical School

August 25, 2024. doi.org/10.1272/jnms.JNMS.2024_91-406

Shintaro Hoshino, Noriyuki Kawami, Eri Momma, Mai Koeda, Yoshimasa Hoshikawa, Katsuhiko Iwakiri

● [7 4] Bifidobacterium adolescentis SBT2786 Improves Sleep Quality in Japanese Adults with Relatively High Levels of Stress: A Randomized, Double-Blind, Placebo-Controlled Study

Nutrients

May 30, 2024. doi.org/10.3390/nu16111702

Hiroki Murakami, Taro Ko, Haruka Ouchi, Toshiharu Namba, Shukuko Ebihara and Shunjiro Kobayashi

2023

【73】Sleep features of nocturnal enuresis: relationship between rapid eye movement sleep latency prolongation and nocturnal enuresis

Sleep and Biological Rhythms

July 03, 2023. doi.org/10.1007/s41105-023-00473-1

Takahiro Ono, Tsuneki Watanabe, Chisato Oyake, Yuta Onuki, Yoshitaka Watanabe, Masaki Fuyama & Hirokazu Ikeda

【72】温泉地ワーケーションにおけるプログラム介入が睡眠脳波に与える影響

日本健康開発雑誌 第44巻, p97-103, 2023年6月

芳賀 康平, 後藤 康彰

【71】Transdiagnostic association between subjective insomnia and depressive symptoms in major psychiatric disorders

Frontiers in Psychiatry

April 24, 2023. doi.org/10.3389/fpsy.2023.1114945

Suguru Nakajima, Yoshiyuki Kaneko, Nobukuni Fujii, Jun Kizuki, Kaori Saitoh, Kentaro Nagao, Aoi Kawamura, Takuya Yoshiike, Hiroshi Kadotani, Naoto Yamada, Makoto Uchiyama, Kenichi Kuriyama and Masahiro Suzuki.

【70】不眠医療のデジタルトランスフォーメーション

医学のあゆみ 第284巻, 895-900, 2023年3月

山本慎太郎, 吉田政樹, 柏木香保里

2022

**[6 9] Transient Decrease in Quality of Sleep after Minimally Invasive Surgery:
A Case Study**

Frontiers in Sleep

October 27, 2022. doi.org/10.5057/ijae.IJAE-D-21-00022

Takahiro KAKEDA, Risa SHIMAZOE, Sachiko SOMAKI-ONO, Koichi TAKAOKA

[6 8] Sleep-EEG-based parameters for discriminating fatigue and sleepiness

Frontiers in Sleep

October 26, 2022. doi.org/10.3389/frsle.2022.975415

Koichi Fujiwara, Yuki Goto, Yuki Yoshi Sumi, Manabu Kano and Hiroshi Kadotani

**[6 7] An Automated Algorithm for Determining Sleep Using Single-Channel
Electroencephalography to Detect Delirium: A Prospective Observational Study
in Intensive Care Units**

Healthcare

September 15, 2022. doi.org/10.3390/healthcare10091776

Kentaro Matsui, Nobuo Sato, Masafumi Idei, Masako Arakida, Yusuke Seino,
Jun-ya Ishikawa, Masashi Nakagawa, Rie Akaho, Katsuji Nishimura and Takeshi Nomura

*** [6 6] Comparison of the usability of an automatic sleep staging program via
portable 1-channel electroencephalograph and manual sleep staging with
traditional polysomnography**

Sleep and Biological Rhythms

26 August 2022, doi.org/10.1007/s41105-022-00425-1

Aoi Kawamura, Takuya Yoshiike, Masahiro Matsuo, Hiroshi Kadotani, Yuki Oike,
Midori Kawasaki, Yuichi Kurumai, Kentaro Nagao, Masanori Takami, Naoto Yamada &
Kenichi Kuriyama

**[6 5] Association between sleep quality, hypertensive disorders of pregnancy,
and sleep-disordered breathing in pregnant women with and without obesity: An
observational cross-sectional study**

Journal of Obstetrics and Gynaecology Research

August 3, 2022. doi.org/10.1111/jog.15376

Midori Ura, Keisaku Fujimoto, Makoto Kanai

● **[6 4] Food-derived antioxidant ergothioneine improves sleep difficulties in humans**

Journal of Functional Foods

July 9, 2022. doi.org/10.1016/j.jff.2022.105165

Makoto Katsube, Hiroshi Watanabe, Kosuke Suzuki, Takahiro Ishimoto, Yoshitaka Tatebayashi, Yukio Kato, Norihito Murayama

[6 3] Periocular Skin Warming Promotes Sleep Onset Through Heat Dissipation From Distal Skin in Patients With Insomnia Disorder

Front Psychiatry

May 4, 2022. doi.org/10.3389/fpsy.2022.844958

Tomohisa Ichiba, Aoi Kawamura, Kentaro Nagao, Yuichi Kurumai, Akio Fujii, Atsushi Yoshimura, Takuya Yoshiike, and Kenichi Kuriyama

[6 2] A Thermal Environment That Promotes Efficient Napping

EasyChair Preprint no. 7666

March 29, 2022.

Miki Nakai, Takahiro Ohga, Tomoyoshi Ashikaga and Keiki Takadama

[6 1] Prolonged Sleep Latency and Reduced REM Latency Are Associated with Depressive Symptoms in a Japanese Working Population

International Journal of Environmental Research and Public Health

February 13, 2022. doi.org/10.3390/ijerph19042112

Chie Omichi, Hiroshi Kadotani, Yuki Yoshi Sumi, Ayaka Ubara, Kohei Nishikawa, Arichika Matsuda, Yuji Ozeki and the NinJaSleep Study Group

2021

[6 0] Assessment of bladder function for stabilizing urinary volume overnight with recording of brain waves (ABSORB study)

Wiley Online Library

September 25, 2021. doi.org/10.1111/luts.12412

Kazumasa Torimoto, Chie Matsushita, Yoshitaka Itami, Takashi Iwamoto, Takuya Owari, Daisuke Gotoh, Makito Miyake, Shunta Hori, Yasushi Nakai, Katsuya Aoki, Shuya Hirao, Hitoshi Momose, Nobumichi Tanaka, Kiyohide Fujimoto

【59】精神科医療の未来を切り拓く診断法・治療法の開発

日本医学雑誌 第80巻 3号, 147-152, 2021年8月

鈴木 正泰

●【58】睡眠に不満を感じている人におけるイクラオイル由来 DHA・イクラオイル由来 EPA・深海鮫肝油由来 DAGE 含有油脂加工食品の睡眠の質改善と抗ストレス効果の検証—ランダム化二重盲検プラセボ対照並行群間比較試験—

薬理と治療 第49巻 第6号, 977-990, 2021年6月

中川 育, ほか

【57】A Multi-Level Classification Approach for Sleep Stage Prediction With Processed Data Derived From Consumer Wearable Activity Trackers

Frontiers in Digital Health

May 28, 2021. doi:10.3389/fdgth.2021.665946

Zilu Liang and Mario Alberto Chapa-Martell

●【56】*Lactobacillus casei* Shirota 株の高菌数, 高密度化技術と脳腸軸を介した新規保健機能研究

日本栄養・食糧学会誌 第74巻, 75-78, 2021年4月

河合 光久, 加藤 豪人, 高田 麻衣, 星 亮太郎, 西田 憲生

【55】Sleep-improving effects of a novel motion mattress

Sleep and Biological Rhythms

February 13, 2021. doi:10.1007/S41105-021-00310-3

Takao Muto, Mirai Inoue Yoshizawa, Chongi Kim & Kazuhiko Kume

【54】緑茶のストレス軽減および抗うつ作用

化学と生物 Vol. 59, No.1, 2021

海野けい子

2020

【53】睡眠・覚醒の評価 携帯型睡眠脳波測定装置とその応用

日本臨床 最新臨床睡眠学 (第2版) 通巻 No.1188, 202-205, 2020年11月30日

角谷 寛

【52】空調制御による夏期の睡眠環境に関する研究

日本建築学会環境系論文集 第85巻 第777号, 871-880, 2020年11月

岩城 朱美, 秋元孝之, 古橋 卓也

**●【51】Effects of onion extract containing concentrated cysteine sulfoxides on sleep quality: a randomized, double-blind, placebo-controlled, crossover study
Food Science and Biotechnology**

October 6, 2020. doi: 10.1007/s10068-020-00829-0

Yuya Nakayama, Miki Makita, Satomi Nozaki & Yosuke Kikuchi

【50】睡眠学と時間生物学の精神医学への応用—新たな診断法・治療法の創出を目指して—

日本医学雑誌 第90巻 第5号, 309-312, 2020年10月

鈴木 正泰

【49】子どもの睡眠に対するタクティールケアの効果の検証

子どものこころと脳の発達 VoL, 11 No.1. 71-80, 2020年9月

北野 華奈恵, 安倍 博, 上原 佳子, 礪波 利圭, 出村 佳美, 長谷川 智子

●【48】健康のカギを握る睡眠 GABA による深い眠りで心身のメンテナンス

FOOD Style 21 2020年9月号, 44-45, 2020年9月

外園英樹

【47】Association Between Electroencephalogram-Derived Sleep Measures and the Change of Emotional Status Analyzed Using Voice Patterns: Observational Pilot Study

JMIR Publications

June 9, 2020. doi:10.2196/16880

Hiroataka Miyashita, Mitsuteru Nakamura, Akiko Kishi Svensson, Masahiro Nakamura, Shinichi Tokuno, Ung-Il Chung, Thomas Svensson

[4 6]How Does Fitbit Measure Brainwaves: A Qualitative Study into the Credibility of Sleep-tracking Technologies

Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies

March 1,2020. doi:10.1145/3380994

Zilu Liang, Bernd Ploderer

[4 5]Sleep and Use of Green Tea With Lowered Caffeine: Decreased Early Morning Awakening and Increased Slow-Wave Sleep

Neurological Modulation of Sleep

January 17,2020. doi:10.1016/B978-0-12-816658-1.00031-4

Keiko Unno, Yoriyuki Nakamura

2019

[4 4]空調機器による睡眠環境に関する研究 全館空調と個別空調の検討

空気調和・衛生工学会大会学術講演論文集 第6巻 温熱環境評価編, 129-132, 2019年9月

岩城 朱美, 秋元 孝之, 美寿見 奈穂, 古橋 卓也

[4 3]A validation study of a consumer wearable sleep tracker compared to a portable-EEG system in naturalistic conditions

Journal of Psychosomatic Research

August 30,2019. doi:10.1016/j.jpsychores.2019.109822

Svensson T, Chung UI, Tokuno S, Nakamura M, Svensson AK

● [4 2]Health Benefits of Lactobacillus gasseri CP2305 Tablets in Young Adults Exposed to Chronic Stress: A Randomized, Double-Blind, Placebo-Controlled Study

Nutrients

August 10,2019. doi:org/10.3390/nu11081859

Kensei Nishida, Daisuke Sawada, Yuki Kuwano, Hiroki Tanaka and Kazuhito Rokutan

● [4 1]清酒酵母による睡眠の質改善作用と機能性表示食品への応用

オレオサイエンス 第19巻 第7号, 291-297, 2019年

物井 則幸, 佐野 朋美

【 4 0】Not All Errors Are Created Equal: Influence of User Characteristics on Measurement Errors of Consumer Wearable Devices for Sleep Tracking
EAI Endorsed Transactions on Pervasive Health and Technology Online

July 8,2019. doi:10.4108/eai.24-7-2018.159404

Zilu Liang and Mario Alberto Chapa Martel

【 3 9】Accuracy of Fitbit Wristbands in Measuring Sleep Stage Transitions and the Effect of User-Specific Factors

JMIR mHealth uHealth

June 6,2019. doi:10.2196/13384

Zilu Liang and Mario Alberto Chapa Martell

【 3 8】The Ability of Green Tea With Lowered Caffeine to Reduce Stress and Improve Sleep

Caffeinated and Cocoa Based Beverages

April 12,2019. doi:10.1016/B978-0-12-815864-7.00006-4.

Keiko Unno, Yoriyuki Nakamura

● **【 3 7】GABA の生産技術の確立と高機能食品の市場開発 – ユニークな機能性食品素材“GABA”はどのようにして生まれたか？ –**

化学と生物 第 57 卷 第 4 号, 207-212, 2019 年

堀江 健二, 渡部 和哉, 坂下 真耶, 山津 敦史

【 3 6】Head cooling during sleep improves sleep quality in the luteal phase in female university students: A randomized crossover-controlled pilot study
PLoS One.

March 25,2019. doi:10.1371/journal.pone.0213706. eCollection 2019.

Seiji HamanishiI, Eri Eguchi, Tatsuo Ito, Kenjiro Nagaoka, Keiki Ogino

【3 5】Improvement of glycemic control by treatment for insomnia with suvorexant in type 2 diabetes mellitus

Journal of Clinical & Translational Endocrinology

March ,2019. doi:10.1016/j.jcte.2018.12.006

Norikazu Toi, Masaaki Inaba, Masafumi Kurajoh, Tomoaki Morioka, Noriyuki Hayashi, Tomoe Hirota, Daichi Miyaoka, Masanori Emoto, Shinsuke Yamada

2018

【3 4】睡眠脳波計を用いた夜尿症児の睡眠の質に関する検討

日本小児泌尿器科学会雑誌 第27巻 第2号, 276, 2018年

渡邊 常樹, 小宅 千聖, 大貫 裕太, 布山 正貴, 池田 裕一

● **【3 3】Effect of crocetin on quality of sleep: A randomized, double-blind, placebo-controlled, crossover study**

Complementary Therapies in Medicine

December 8,2018. doi:10.1016/j.ctim.2018.09.003

Naofumi Umigai, Ryuji Takeda, Atsuko Mori

● **【3 2】時計遺伝子に働きかける「ネムノス」の開発と機能性**

FOOD Style 21 2018年9月号, 75-77, 2018年9月

伊地知 哲生

● **【3 1】GABA 摂取による機能性の持続性についての検討：ストレスと睡眠の質を指標として**

FOOD Style 21 2018年9月号, 66-69, 2018年9月

中村 唱乃

● **【3 0】機能性食品の睡眠評価試験と実践のサイエンス**

FOOD Style 21 2018年9月号, 70-74, 2018年9月

柏木 香保里、吉田 政樹

【2 9】赤外線センサを用いたアイマスク型デバイスによる睡眠状態認識手法

情報処理学会論文誌 VoL,59 No.8. 1477-1484, 2018年8月

松井 駿, 寺田 努, 塚本 昌彦

[2 8]Effects of night-time on-call work on heart rate variability before bed and sleep quality in visiting nurses

International Archives of Occupational and Environmental Health

May 28,2018. doi:10.1007/s00420-018-1317-4

Yukiko Kikuchi, Noriko Ishii, Hideya Kodama

[2 7]Not All Errors Are Created Equal: Influence of User-Specific Factors on Measuring Errors of Activity Wristbands and Wearable EEG for Home Sleep Monitoring

ResearchGate

April ,2018. doi:10.13140/RG.2.2.33086.18241

Zilu Liang and Mario Alberto Chapa Martell

[2 6]Validity of Consumer Activity Wristbands and Wearable EEG for Measuring Overall Sleep Parameters and Sleep Structure in Free-Living Conditions

ResearchGate

April ,2018. doi:10.1007/s41666-018-0013-1

Zilu Liang and Mario Alberto Chapa Martell

[2 5]Positive association of plasma leptin with sleep quality in obese type 2 diabetes patients

Journal of Diabetes Investigation

March 26,2018. doi:10.1111/jdi.12826

Tomoe Hirota, Tomoaki Morioka, Koichiro Yoda, Norikazu Toi, Noriyuki Hayashi, Saori Maruo, Yuko Yamazaki, Masafumi Kurajoh, Koka Motoyama, Shinsuke Yamada, Tetsuo Shoji, Masanori Emoto, and Masaaki Inaba

[2 4]Effects of bedtime periocular and posterior cervical cutaneous warming on sleep status in adult male subjects: a preliminary study

Sleep and Biological Rhythms

October 14,2017. doi:10.1007/s41105-017-0129-3

Michihito Igaki, Masahiro Suzuki, Ichiro Sakamoto, Tomohisa Ichiba, Kenichi Kuriyama, Makoto Uchiyama

2017

**【2 3】シャワー浴からバスタブ浴への行動変容が健常学生の睡眠と気分・感情に及ぼす影響
—さら湯および無機塩類含有炭酸ガス入浴剤添加の効果—**

日本温泉気候物理医学会雑誌 第80巻 第3号, 124-134, 2017年

久保 高明, 安田 大典, 渡邊 智, 石澤 太市, 綱川 光男, 谷野 伸吾, 飯山 準一

●【2 2】Daily administration of paraprobiotic lactobacillus gasseri cp2305 ameliorates chronic stress-associated symptoms in Japanese medical students

Journal of Functional Foods

July 5, 2017. doi:10.1016/j.jff.2017.06.031.

Kensei Nishida, Daisuke Sawada, Yuki Kuwano, Hiroki Tanaka, Tomonori Sugawara, Yumeko Aoki, Shigeru Fujiwara, Kazuhito Rokutan

【2 1】Ingestion of green tea with lowered caffeine improves sleep quality of the elderly via suppression of stress

Journal of Clinical Biochemistry and Nutrition

September 5, 2017. doi:10.3164/jcbrn.17-6

Keiko Unno, Shigenori Noda, Yohei Kawasaki, Hiroshi Yamada, Akio Morita, Kazuaki Iguchi and Yoriyuki Nakamura

【2 0】Reduced Stress and Improved Sleep Quality Caused by Green Tea Are Associated with a Reduced Caffeine Content

Nutrients

July 19, 2017. doi:10.3390/nu9070777

Keiko Unno, Shigenori Noda, Yohei Kawasaki, Hiroshi Yamada, Akio Morita, Kazuaki Iguchi and Yoriyuki Nakamura

●【1 9】Beneficial effects of Lactobacillus casei strain Shirota on academic stress-induced sleep disturbance in healthy adults: a double-blind, randomised, placebo-controlled trial

Beneficial Microbes

April 26, 2017. doi:10.3920/BM2016.0150.

Takada M, Nishida K, Gondo Y, Kikuchi-Hayakawa H, Ishikawa H, Suda K, Kawai M, Hoshi R, Kuwano Y, Miyazaki K, Rokutan K

2016

【18】糖尿病血糖コントロール改善・合併症防止を目的とした睡眠障害に対する治療戦略

月刊糖尿病 Vol.8 No.11, 88-99, 2016年11月

山田 真介

【17】血糖コントロールと睡眠障害との関係

月刊糖尿病 Vol.8 No.11, 15-25, 2016年11月

都井 律和

【16】睡眠研究を加速させる小型脳波計の開発

化学と生物 第54巻 第10号, 768-772, 2016年9月

柏木 香保里, 吉田 政樹

●【15】Effect of oral γ -aminobutyric acid (GABA) administration on sleep and its absorption in humans

Food Science and Biotechnology

April 30, 2016. doi:10.1007/s10068-016-0076-9

Y. Nakakita, N. Tsuchimoto, Y. Takata, T. Nakamura

●【14】Effect of dietary heat-killed *Lactobacillus brevis* SBC8803 (SBL88™) on sleep: a non-randomised, double blind, placebo-controlled, and crossover pilot study

Beneficial Microbes

March 25, 2016. doi:10.3920/BM2015.0118

Y. Nakakita, N. Tsuchimoto, Y. Takata, T. Nakamura

2015

● **[1 3] Japanese sake yeast supplementation improves the quality of sleep: a double-blind randomised controlled clinical trial**

Journal of Sleep Research

September 10, 2015. doi:10.1111/jsr.12336

Noriyuki Monoi, Ayumi Matsuno, Yuki Nagamori, Eriko Kimura, Yoshitaka Nakamura, Kengo Oka, Tomomi Sano, Tatsuyuki Midorikawa, Toshihiro Sugafuji, Michiaki Murakoshi, Akira Uchiyama, Keikichi Sugiyama, Hoyoku Nishino and Yoshihiro Urade

● **[1 2] The Improvement of Sleep by Oral Intake of GABA and Apocynum venetum Leaf Extract**

J Nutr Sci Vitaminol

June , 2015. doi:10.3177/jnsv.61.182

Yamatsu A, Yamashita Y, Maru I, Yang J, Tatsuzaki J, Kim M

[1 1] Assessment of nocturnal sleep architecture by actigraphy and one-channel electroencephalography in early infancy

Early Human Development

June 30, 2015. doi:10.1016/j.earlhumdev.2015.06.005

Michiko Yoshida, Hitomi Shinohara, Hideya Kodama

[1 0] Association between poor glycemic control, impaired sleep quality, and increased arterial thickening in type 2 diabetic patients

PLOS ONE

April 14, 2015. doi:10.1371/journal.pone.0122521

Yoda K, Inaba M, Hamamoto K, Yoda M, Tsuda A, Mori K, Imanishi Y, Emoto M, Yamada S

* **[9] Validation of a portable single-channel EEG monitoring system**

Journal of Oral and Sleep Medicine

April 2015, doi.org/10.24695/josm.1.2_140

YOSHIDA Masaki, KASHIWAGI Kaori, KADOTANI Hiroshi, YAMAMOTO Katsunori, KOIKE Shigefumi, MATSUO Masahiro, YAMADA Naoto, OKAWA Masako, URADE Yoshihiro

【8】芳香浴環境下、自宅で実施する睡眠の質評価の試み－客観評価（睡眠脳波）、主観評価（POMS・VAS）－

アロマセラピー学雑誌 Vol. 15, No1, 32-38, 2015年3月

野田 信三, 福島 朋子, 熊谷 千津, 島上 和則, 手塚 千史, 堀田 龍志, 村上 志緒, 吉田 英里子, 山本 芳邦

【7】The effects of nocturnal electromyographic biofeedback on sleep quality and psychological stress

International journal of stomatology & occlusion medicine

February 10, 2015. doi:10.1007/s12548-015-0131-9

Syuichiro Goto, Chihiro Masaki, Taro Mukaibo, Hidetaka Takahashi, Yusuke Kondo, Tetsuji Nakamoto, Ryuji Hosokawa

【6】Characteristics of nighttime reflux assessed using multichannel intraluminal impedance pH monitoring and a portable electroencephalograph

Diseases of the Esophagus

January 21, 2015. doi:10.1111/dote.12324.

Y. Fujiwara, Y. Kohata, K. Nakahara, T. Tanigawa, H. Yamagami, M. Shiba, K. Watanabe, K. Tominaga, T. Watanabe, T. Arakawa

2013

【5】睡眠脳波への影響解析

宇宙航空研究開発機構特別資料 JAXA-SP-13-006 巻, 65-93, 2013年10月

吉田 政樹

2012

【4】関節リウマチ患者の睡眠状況について～原発性骨粗鬆症患者との比較～

Osteoporosis Japan 第20巻 増刊1号, 218, 2012年

山田真介, 濱本佳恵, 与田真貴, 与田紘一郎, 津田昌宏, 岡本圭司, 吉田政樹, 後藤仁志,
今西康雄, 稲葉雅章

【3】冬季の実生活におけるミストサウナ入浴が睡眠に及ぼす影響

人間と生活環境 第19巻 第2号, 101-106, 2012年

吉田 郁美, 竹森 利和, 山崎 政人, 道広 和美, 都築 和代, 裏出 良博, 吉田 政樹

【2】食品 CRO の現状と期待「快眠」系機能性食品の評価とその試験方法

Food Style 21 第16巻 第8号, 51-54, 2012年

柏木 香保里, 吉田 政樹

【1】機能性食品素材の開発「快眠食品の開発」客観的評価の支援技術

ジャパンフードサイエンス 第51巻 第7号, 43-46, 2012年

柏木 香保里, 吉田 政樹

<備考>

* : sleepscape のバリデーション論文

● : 食品関連の論文・雑誌