



## Jamie Zeitzer

Professor (Research) of Psychiatry and Behavioral Sciences (Sleep Medicine)  
Psychiatry and Behavioral Sciences - Sleep Medicine

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### Bio

#### ACADEMIC APPOINTMENTS

- Professor (Research), Psychiatry and Behavioral Sciences - Sleep Medicine
- Member, Bio-X
- Member, Wu Tsai Human Performance Alliance
- Member, Maternal & Child Health Research Institute (MCHRI)
- Member, Wu Tsai Neurosciences Institute

#### ADMINISTRATIVE APPOINTMENTS

- Co-Director, Center for Sleep and Circadian Sciences, (2021- present)

#### PROFESSIONAL EDUCATION

- PhD, Harvard University , Neurobiology (1999)
- AB, Vassar College , Biology (1993)

#### LINKS

- Stanford Center for Sleep & Circadian Sciences: <https://med.stanford.edu/cscs.html>
- Zeitzer lab: <https://sleep.sites.stanford.edu/>

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### Research & Scholarship

#### CURRENT RESEARCH AND SCHOLARLY INTERESTS

Dr. Zeitzer is a circadian physiologist specializing in the understanding of the impact of light on circadian rhythms and other aspects of non-image forming light perception.

He examines the manner in which humans respond to light and ways to manipulate this responsiveness, with direct application to jet lag, shift work, and altered sleep timing in teens. Dr. Zeitzer has also pioneered the use of actigraphy in the determination of epiphenomenal markers of psychiatric disorders.

#### CLINICAL TRIALS

- Shifting Sleep Timing in Teens, Recruiting

## Teaching

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### COURSES

#### 2025-26

- The Neurobiology of Sleep: BIO 149, BIO 249, HUMBIO 161, PSYC 149, PSYC 261 (Spr)

#### 2024-25

- The Neurobiology of Sleep: BIO 149, BIO 249, HUMBIO 161, PSYC 149, PSYC 261 (Win)

#### 2023-24

- The Neurobiology of Sleep: BIO 149, BIO 249, HUMBIO 161, PSYC 149, PSYC 261 (Win)

#### 2022-23

- The Neurobiology of Sleep: BIO 149, BIO 249, HUMBIO 161, PSYC 149, PSYC 261 (Win, Spr)

### STANFORD ADVISEES

#### Doctoral Dissertation Reader (AC)

Akshita Rao

#### Doctoral Dissertation Advisor (AC)

Lara Weed

### GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Neurosciences (Phd Program)
- Psychiatry and Behavioral Science (Fellowship Program)
- Sleep Medicine (Fellowship Program)

## Publications

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### PUBLICATIONS

- **Circadian-informed modeling predicts regional variation in obesity and stroke outcomes under different permanent US time policies.** *Proceedings of the National Academy of Sciences of the United States of America*  
Weed, L., Zeitzer, J. M.  
2025; 122 (38): e2508293122
- **Chronotype and Mental Health: Are Late Sleepers More Vulnerable?** *Current psychiatry reports*  
Lok, R., Zeitzer, J. M.  
2025
- **Beyond phase shifting: Targeting circadian amplitude for light interventions in humans.** *Sleep*  
Walch, O., Tavella, F., Zeitzer, J. M., Lok, R.  
2024
- **Perils of the nighttime: Impact of behavioral timing and preference on mental health in 73,888 community-dwelling adults.** *Psychiatry research*  
Lok, R., Weed, L., Winer, J., Zeitzer, J. M.  
2024; 337: 115956
- **The utility of sleep wearables - well, that depends.** *Sleep*  
Zeitzer, J. M.  
2024
- **The Negative Effects of Travel on Student Athletes Through Sleep and Circadian Disruption.** *Journal of biological rhythms*

Heller, H. C., Herzog, E., Brager, A., Poe, G., Allada, R., Scheer, F., Carskadon, M., de la Iglesia, H. O., Jang, R., Montero, A., Wright, K., Mouraine, P., Walker, et al  
2023: 7487304231207330

- **Moving time zones in a flash with light therapy during sleep.** *Scientific reports*  
Lok, R., Duran, M., Zeitzer, J. M.  
2023; 13 (1): 14458
- **Impact of daytime spectral tuning on cognitive function.** *Journal of photochemistry and photobiology. B, Biology*  
Lok, R., Joyce, D. S., Zeitzer, J. M.  
2022; 230: 112439
- **Objective underpinnings of self-reported sleep quality in middle-aged and older adults: the importance of N2 and wakefulness.** *Biological psychology*  
Lok, R., Chawra, D., Hon, F., Ha, M., Kaplan, K. A., Zeitzer, J. M.  
2022: 108290
- **The neurobiological underpinning of the circadian wake signal.** *Biochemical pharmacology*  
Zeitzer, J. M.  
2020: 114386
- **Human-centric lighting: Myth, magic or metaphor?** *LIGHTING RESEARCH & TECHNOLOGY*  
Houser, K. W., Boyce, P. R., Zeitzer, J. M., Herf, M.  
2020
- **Effect of Suvorexant vs Placebo on Total Daytime Sleep Hours in Shift Workers: A Randomized Clinical Trial.** *JAMA network open*  
Zeitzer, J. M., Joyce, D. S., McBean, A., Quevedo, Y. L., Hernandez, B., Holty, J.  
2020; 3 (6): e206614
- **Effect of Light Flashes vs Sham Therapy During Sleep With Adjunct Cognitive Behavioral Therapy on Sleep Quality Among Adolescents: A Randomized Clinical Trial.** *JAMA network open*  
Kaplan, K. A., Mashash, M., Williams, R., Batchelder, H., Starr-Glass, L., Zeitzer, J. M.  
2019; 2 (9): e1911944
- **When is a proxy not a proxy? The foibles of studying non-image forming light.** *The Journal of physiology*  
Zeitzer, J. M.  
2018; 596 (11): 2029–30
- **When is a proxy not a proxy? The foibles of studying non-image forming light** *JOURNAL OF PHYSIOLOGY-LONDON*  
Zeitzer, J. M.  
2018; 596 (11): 2029-2030
- **Daily Patterns of Accelerometer Activity Predict Changes in Sleep, Cognition, and Mortality in Older Men.** *journals of gerontology. Series A, Biological sciences and medical sciences*  
Zeitzer, J. M., Blackwell, T., Hoffman, A. R., Cummings, S., Ancoli-Israel, S., Stone, K.  
2017
- **When a gold standard isn't so golden: Lack of prediction of subjective sleep quality from sleep polysomnography.** *Biological psychology*  
Kaplan, K. A., Hirshman, J., Hernandez, B., Stefanick, M. L., Hoffman, A. R., Redline, S., Ancoli-Israel, S., Stone, K., Friedman, L., Zeitzer, J. M.  
2017; 123: 37-46
- **Harnessing the Web for Population-Scale Physiological Sensing: A Case Study of Sleep and Performance**  
Althoff, T., Horvitz, E., White, R. W., Zeitzer, J., ACM  
ASSOC COMPUTING MACHINERY.2017: 113-122
- **Aberrant nocturnal cortisol and disease progression in women with breast cancer** *BREAST CANCER RESEARCH AND TREATMENT*  
Zeitzer, J. M., Nouriani, B., Rissling, M. B., Sledge, G. W., Kaplan, K. A., Aasly, L., Palesh, O., Jo, B., Neri, E., Dhabhar, F. S., Spiegel, D.  
2016; 158 (1): 43-50
- **Temporal integration of light flashes by the human circadian system** *JOURNAL OF CLINICAL INVESTIGATION*  
Najjar, R. P., Zeitzer, J. M.

2016; 126 (3): 938-947

- **Real life trumps laboratory in matters of public health.** *Proceedings of the National Academy of Sciences of the United States of America*  
Zeitzer, J. M.  
2015; 112 (13): E1513
- **Millisecond Flashes of Light Phase Delay the Human Circadian Clock during Sleep** *JOURNAL OF BIOLOGICAL RHYTHMS*  
Zeitzer, J. M., Fiscaro, R. A., Ruby, N. F., Heller, H. C.  
2014; 29 (5): 370-376
- **Millisecond flashes of light phase delay the human circadian clock during sleep.** *Journal of biological rhythms*  
Zeitzer, J. M., Fiscaro, R. A., Ruby, N. F., Heller, H. C.  
2014; 29 (5): 370-376
- **Response of the Human Circadian System to Millisecond Flashes of Light** *PLOS ONE*  
Zeitzer, J. M., Ruby, N. F., Fiscaro, R. A., Heller, H. C.  
2011; 6 (7)
- **Reply to Erren et al. and Martin-Olalla and Mira: What constitutes circadian burden? An empirically grounded approach to long-term summary metrics.** *Proceedings of the National Academy of Sciences of the United States of America*  
Weed, L., Zeitzer, J. M.  
2026; 123 (17): e2533444123
- **Ru-SATED scale and Sleep Health Index: A systematic review of two leading multidimensional sleep health measures and frameworks across the globe.** *Sleep medicine reviews*  
Meng, R., BaHammam, A. S., Dzierzewski, J. M., Yang, N., Vézina-Im, L. A., Ying Lau, E. Y., Sun, I. R., Gregory, A. M., Zeitzer, J. M., Quan, S. F., Dietch, J. R., Szklo-Coxe, M., Dautovich, et al  
2026; 88: 102296
- **'How Did You Sleep Last Night?': Predicting Young Adults' Subjective Sleep Quality Through the Use of Multi-night Ambulatory Sleep EEG.** *Sleep*  
Peltz, J., Rogge, R. D., Zeitzer, J. M.  
2026
- **Self-Disclosure and Sleep Quality in Patients and Caregivers Facing Cancer**  
Bryan, E., Tsai, T., Laurenceau, J., Zeitzer, J., Kim, Y.  
WILEY.2026: 31-32
- **Actigraphy Misestimates Ambulatory Objective Sleep Compared to Wearable EEG in Chronic Pain**  
Kim, S., Zeitzer, J., You, D., Darnall, B., Mackey, S.  
CHURCHILL LIVINGSTONE.2026
- **Smart Lighting and Mindfulness Interventions: Pathways to Better Health and Learning in High School Education.** *Journal of sleep research*  
Yang, Y. C., Wang, J. S., Karan, M., Zeitzer, J. M.  
2026: e70307
- **From wrist data to lifespan: elucidating inflammation-driven biological aging via activity rhythms captured by wearable devices.** *npj aging*  
Shim, J., Bishehsari, F., Mahdavinia, M., Zeitzer, J. M., Fleisch, E., Barata, F.  
2026
- **Evaluating the psychological and cognitive benefits of dynamic lighting in home workspaces: A clinical trial** *JOURNAL OF ENVIRONMENTAL PSYCHOLOGY*  
Sharp, N., Fani, M., Anaraki, M., Alrahyani, M., Yague, N., Lamp, S., Zeitzer, J.  
2026; 109
- **Circadian Phase Estimation From Ambulatory Wearables With Particle Filtering: Accuracy Depends on Initialization, Recording Duration, and Light Exposure.** *Journal of biological rhythms*  
Weed, L., Jamgochian, A., St Hilaire, M. A., Cheng, P., Kochenderfer, M. J., Zeitzer, J. M.  
2025: 7487304251392289
- **Light therapy for bipolar disorders: Clinical recommendations from the international society for bipolar disorders (ISBD) Chronobiology and Chronotherapy Task Force.** *Dialogues in clinical neuroscience*

- Geoffroy, P. A., Palagini, L., Henriksen, T. E., Bourgin, P., Garbazza, C., Gronfier, C., Esaki, Y., Fernandez, D. C., Lam, R. W., Lee, H. J., Lejoyeux, M., Maruani, J., Martiny, et al  
2025; 27 (1): 249-264
- **Circadian rest-activity rhythms and physical function in community-dwelling older men: The MrOS sleep study.** *Sleep health*  
Qiao, Y. S., Blackwell, T., Chen, D. M., Zeitzer, J. M., Ancoli-Israel, S., Posner, A. B., Redline, S., Tranah, G. J., Yaffe, K., Stone, K. L.  
2025
  - **Dyadic Investigation of Stress Regulation and Sleep Health in Patients With Colorectal Cancer and Their Spousal Caregivers**  
Kim, Y., Ting, A., Tsai, T. C., Zeitzer, J.  
WILEY.2025
  - **Piloting a brief digital behavioral intervention for adolescent sleep.** *Sleep science and practice*  
Keskinel, D., Karan, M., Kaplan, K. A., Mirchandaney, R., Asarnow, L., Zeitzer, J. M.  
2025; 9 (1): 34
  - **Association of Objective Long Sleep Duration and Insomnia with Objective Short Sleep Duration Phenotypes with Mortality in Older Persons.** *medRxiv : the preprint server for health sciences*  
Miner, B., Pan, Y., Cho, G., Knauert, M., Yaggi, H. K., Stone, K., Zeitzer, J. M., Ensrud, K., Ancoli-Israel, S., Redline, S., Yaffe, K., Doyle, M.  
2025
  - **Four Core Circadian Behaviors That Improve Cardiorespiratory Fitness Through Consistent Sleep.** *Sleep*  
Holmes, K., Kim, J., Fielding, F., Zeitzer, J., von Hippel, W.  
2025
  - **Interaction of Daytime and Night Light Exposure on Sleep Quality in Patients With Bipolar Disorder: Findings From the Apple Cohort Study**  
Esaki, Y., Obayashi, K., Saeki, K., Fujita, K., Iwata, N., Zeitzer, J. M., Kitajima, T.  
WILEY.2025: S40
  - **Interaction of daytime and nighttime light exposure on objective sleep quality in patients with bipolar disorder: a cross-sectional analysis of the APPLE cohort.** *Translational psychiatry*  
Esaki, Y., Obayashi, K., Saeki, K., Fujita, K., Iwata, N., Zeitzer, J. M., Kitajima, T.  
2025; 15 (1): 291
  - **A Narrative Review on How Timing Matters: Circadian and Sleep Influences on Influenza Vaccine Induced Immunity.** *Vaccines*  
Livieratos, A., Zeitzer, J. M., Tsiodras, S.  
2025; 13 (8)
  - **A millisecond parameter space for phase-shifting the circadian pacemaker with near-ultraviolet light.** *Journal of comparative physiology. A, Neuroethology, sensory, neural, and behavioral physiology*  
Kaladchibachi, S., Negelspach, D. C., Zeitzer, J. M., Fernandez, F.  
2025
  - **Comparative effectiveness and predictors of cognitive behavioral therapy for insomnia and its components in older adults: main outcomes of a randomized dismantling trial.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
O'Hora, K. P., Morehouse, A. B., Freidman, L., Posner, D., Ahmadi, M., Hernandez, B., Burda, K. F., Kushida, C., Zeitzer, J. M., Lazzeroni, L. C., Manber, R., Yesavage, J., Goldstein-Piekarski, et al  
2025
  - **Focused Review of Sleep Wearable Technology and Its Application in Sports Performance.** *Current sports medicine reports*  
Kaufman, M. W., Shetty, M., Nguyen, C., Abas, J., Fredericson, M., Zeitzer, J.  
2025; 24 (6): 171-176
  - **INDIVIDUAL AND DYADIC ASSOCIATIONS OF SELF-REGULATION WITH SLEEP HEALTH IN PATIENTS WITH CANCER AND THEIR SLEEP-PARTNER CAREGIVERS**  
Tsai, T. C., Zeitzer, J., Kim, Y.  
OXFORD UNIV PRESS INC.2025: S647
  - **Revealing sleep and pain reciprocity with wearables and machine learning.** *Communications medicine*  
Kim, S., Zeitzer, J. M., Mackey, S., Darnall, B. D.

2025; 5 (1): 160

- **Melatonin-sleep Phase Angle Predicts Mortality in Women with Advanced Breast Cancer**  
Zeitzer, J., Nouriani, B., Neri, E., Kim, J., Spiegel, D.  
OXFORD UNIV PRESS INC.2025: A2
- **SLEEP DISTURBANCE IN ADULTS WITH CANCER: INVESTIGATION OF HISPANIC ETHNICITY AND US-BORN STATUS**  
Kim, Y., Tsai, T., Ting, A., Ramos, A., Zeitzer, J., Spiegel, D.  
LIPPINCOTT WILLIAMS & WILKINS.2025: A98
- **Redefining Sleep Disruption: Impact of Brief Awakenings on Self-reported Sleep Quality**  
Lok, R., Chawra, D., Zeitzer, J.  
OXFORD UNIV PRESS INC.2025: A22-A23
- **Cognitive Behavioral Therapy for Insomnia in Veterans with Mild Traumatic Brain Injury**  
Furst, A., Williams, R., Staggs, H., Dietch, J., Maramba, G., Veltkamp, G., Posner, D., Harris, O., Zeitzer, J., Manber, R., Yesavage, J.  
OXFORD UNIV PRESS INC.2025: A235
- **FAST ASLEEP: EARLY TIME-RESTRICTED EATING ADVANCES SLEEP IN LATE SLEEPERS**  
Blum, D., Hernandez, B., Zeitzer, J.  
OXFORD UNIV PRESS INC.2025: A385
- **Predictors of Sleep Latency From the Multiple Sleep Latency Test: A Random Forest Investigation in a Community Sample.** *Journal of sleep research*  
Cook, J. D., Barata, F., Plante, D. T., Woodward, S., Zeitzer, J. M., Lok, R.  
2025: e70073
- **Adverse effects of late sleep on physical health in a large cohort of community-dwelling adults.** *European journal of internal medicine*  
Lok, R., Weed, L., Winer, J., Zeitzer, J. M.  
2024
- **Biomarkers.** *Alzheimer's & dementia : the journal of the Alzheimer's Association*  
Washburn, A., Winer, J. R., Romero, A., Yutsis, M., Henderson, V. W., Poston, K. L., Zeitzer, J. M., Mormino, E.  
2024; 20 Suppl 2: e090809
- **Impact Of Time Of Day On Neuromuscular Performance Of The Star Excursion Balance Test In Young Women**  
Weed, L., Thompson, S., Kraus, E., Delp, S., Zeitzer, J.  
LIPPINCOTT WILLIAMS & WILKINS.2024: 257-258
- **How many days are enough? Sleep-wake timing regularity and fragmentation scores change with the number of days included.** *Journal of sleep research*  
Lok, R., Suh, S., Rue, S., Weed, L., Zeitzer, J. M.  
2024: e14332
- **A Deep Transfer Learning Approach for Sleep Stage Classification and Sleep Apnea Detection Using Wrist-Worn Consumer Sleep Technologies.** *IEEE transactions on bio-medical engineering*  
Olsen, M., Zeitzer, J. M., Nakase-Richardson, R., Musgrave, V. H., Sorensen, H. B., Mignot, E., Jennum, P. J.  
2024; 71 (8): 2506-2517
- **Sleep Composition of Patients With Colorectal Cancer and Their Sleep-Partner Caregivers: Physical Health Correlates of Sleep Diary and Actigraphy Measurements.** *Psycho-oncology*  
Ting, A., Tsai, T. C., Zeitzer, J. M., Mendez, A., Kim, Y.  
2024; 33 (8): e9302
- **Sleep insufficiency and bedtime irregularity in children with ADHD: A population-based analysis.** *Sleep medicine*  
Leman, T. Y., Barden, S., Swisher, V. S., Joyce, D. S., Kaplan, K. A., Zeitzer, J. M., Loo, S. K., Ricketts, E. J.  
2024; 121: 117-126
- **DYADIC INVESTIGATION OF POST-TRAUMATIC STRESS SYMPTOMS AND DAILY SLEEP HEALTH IN PATIENTS WITH CANCER AND THEIR CAREGIVERS**  
Tsai, T., Mitchell, H., Zeitzer, J., Ting, A., Laurenceau, J., Spiegel, D., Kim, Y.

LIPPINCOTT WILLIAMS & WILKINS.2024: A182

- **The impact of screen use on sleep health across the lifespan: A National Sleep Foundation consensus statement.** *Sleep health*  
Hartstein, L. E., Mathew, G. M., Reichenberger, D. A., Rodriguez, I., Allen, N., Chang, A. M., Chaput, J. P., Christakis, D. A., Garrison, M., Gooley, J. J., Koos, J. A., Van Den Bulck, J., Woods, et al  
2024
- **Reconsidering the spectral distribution of light: Do people perceive watts or photons?** *LIGHTING RESEARCH & TECHNOLOGY*  
Martinsons, C., Behar-Cohen, F., Bergen, T., Blattner, P., Herf, M., Gronfier, C., Houser, K., Jost, S., Tengelin, M., Obein, G., Schlangen, L., Simonot, L., Spitschan, et al  
2024
- **Reconsidering the spectral distribution of light: Do people perceive watts or photons?** *Lighting research & technology (London, England : 2001)*  
Martinsons, C., Behar-Cohen, F., Bergen, T., Blattner, P., Herf, M., Gronfier, C., Houser, K., Jost, S., Tengelin, M. N., Obein, G., Schlangen, L., Simonot, L., Spitschan, et al  
2024: 14771535241246060
- **CIRCADIAN REST-ACTIVITY RHYTHM PATTERNS AND PHYSICAL PERFORMANCE IN COMMUNITY-DWELLING OLDER MEN**  
Qiao, Y., Chen, D., Zeitzer, J., Ancoli-Israel, S., Blackwell, T., Bradshaw, P., Posner, A., Redline, S., Tranah, G., Yaffe, K., Stone, K.  
OXFORD UNIV PRESS INC.2024
- **ASSOCIATION OF INSOMNIA WITH OBJECTIVE SHORT SLEEP DURATION AND OTHER PHENOTYPES WITH MORTALITY IN OLDER PERSONS**  
Miner, B., Pan, Y., Cho, G., Knauert, M., Yaggi, H., Gill, T., Stone, K., Ensrud, K., Zeitzer, J., Yaffe, K., Doyle, M.  
OXFORD UNIV PRESS INC.2024
- **PHYSICAL HEALTH CORRELATES OF SUBJECTIVE AND OBJECTIVE SLEEP MARKERS IN PATIENTS WITH CANCER AND THEIR CAREGIVERS**  
Kim, Y., Tsai, T., Ting, A., Zeitzer, J., Ramos, A., Mendez, A.  
OXFORD UNIV PRESS INC.2024
- **CIRCADIAN PROTEINS AND CIRCADIAN PHASE ESTIMATION IN HEALTHY ADULTS**  
Specht, A., Saha, P., Cederberg, K., Bueno, F., Arrona-Palacios, A., Pardilla-Delgado, E., Ruiz-Herrera, N., Zitting, K., Kramer, A., Zeitzer, J., Czeisler, C., Duffy, J., Mignot, et al  
OXFORD UNIV PRESS INC.2024
- **Impaired 24-h activity patterns are associated with an increased risk of Alzheimer's disease, Parkinson's disease, and cognitive decline.** *Alzheimer's research & therapy*  
Winer, J. R., Lok, R., Weed, L., He, Z., Poston, K. L., Mormino, E. C., Zeitzer, J. M.  
2024; 16 (1): 35
- **Fatigued but not sleepy? An empirical investigation of the differentiation between fatigue and sleepiness in sleep disorder patients in a cross-sectional study.** *Journal of psychosomatic research*  
Suh, S., Lok, R., Weed, L., Cho, A., Mignot, E., Leary, E. B., Zeitzer, J. M.  
2024; 178: 111606
- **FEELING TIRED BUT NOT SLEEPY? AN EMPIRICAL INVESTIGATION OF THE DIFFERENTIATION BETWEEN FATIGUE AND SLEEPINESS IN SLEEP DISORDER PATIENTS**  
Suh, S., Lok, R., Weed, L., Cho, A., Mignot, E., Leary, E., Zeitzer, J.  
ELSEVIER.2024: 105
- **FULLY AUTOMATED DETECTION OF ISOLATED RAPID-EYE-MOVEMENT SLEEP BEHAVIOR DISORDER USING ACTIGRAPHY**  
Brink-Kjaer, A., Winer, J., Zeitzer, J. M., Sorensen, H. D., Jennum, P., Mignot, E., During, E.  
ELSEVIER.2024: 302
- **Dyadic Investigation of Posttraumatic Stress Symptoms and Daily Sleep Health in Patients with Cancer and their Caregivers.** *Psychosomatic medicine*  
Tsai, T. C., Mitchell, H. R., Zeitzer, J., Ting, A., Laurenceau, J. P., Spiegel, D., Kim, Y.  
2024

- **Emotion regulation and heart rate variability may identify the optimal posttraumatic stress disorder treatment: analyses from a randomized controlled trial.** *Frontiers in psychiatry*  
Mathersul, D. C., Zeitzer, J. M., Schulz-Heik, R. J., Avery, T. J., Bayley, P. J.  
2024; 15: 1331569
- **Circadian protein expression patterns in healthy young adults.** *Sleep health*  
Specht, A., Kolosov, G., Cederberg, K. L., Bueno, F., Arrona-Palacios, A., Pardilla-Delgado, E., Ruiz-Herrera, N., Zitting, K. M., Kramer, A., Zeitzer, J. M., Czeisler, C. A., Duffy, J. F., Mignot, et al  
2023
- **ENLIGHT: A consensus checklist for reporting laboratory-based studies on the non-visual effects of light in humans.** *EBioMedicine*  
Spitschan, M., Kervezee, L., Lok, R., McGlashan, E., Najjar, R. P.  
2023; 98: 104889
- **A threshold by any other name: is five minutes of wake 'long' enough to degrade sleep quality?** *Sleep*  
Lok, R., Chawra, D., Zeitzer, J. M.  
2023
- **Isolated REM sleep behavior disorder is associated with altered 24-h rest-activity measures.** *Frontiers in sleep*  
Winer, J. R., Lok, R., Ekemans, A., Bueno, F., Poston, K. L., Zeitzer, J. M., During, E. H.  
2023; 2
- **Timing of outdoor light exposure is associated with sleep-wake consolidation in community-dwelling older men.** *Frontiers in sleep*  
Lok, R., Ancoli-Israel, S., Ensrud, K. E., Redline, S., Stone, K. L., Zeitzer, J. M.  
2023; 2: 1268379
- **US Veterans Show Improvements in Subjective but Not Objective Sleep following Treatment for Posttraumatic Stress Disorder: Secondary Analyses from a Randomised Controlled Trial** *DEPRESSION AND ANXIETY*  
Mathersul, D. C., Schulz-Heik, R., Avery, T. J., Allende, S., Zeitzer, J. M., Bayley, P. J.  
2023; 2023
- **US Veterans Show Improvements in Subjective but Not Objective Sleep following Treatment for Posttraumatic Stress Disorder: Secondary Analyses from a Randomised Controlled Trial.** *Depression and anxiety*  
Mathersul, D. C., Schulz-Heik, R. J., Avery, T. J., Allende, S., Zeitzer, J. M., Bayley, P. J.  
2023; 2023: 7001667
- **Early time-restricted eating advances sleep in late sleepers: a pilot randomized controlled trial.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Blum, D. J., Hernandez, B., Zeitzer, J. M.  
2023
- **International e-Delphi Consensus Recommendations for the Assessment and Diagnosis of Circadian rest-Activity Rhythm Disorders (CARDS) in Patients with Cancer.** *Cancers*  
Gouldthorpe, C., Ancoli-Israel, S., Cash, E., Innominato, P., Jakobsen, G., Lévi, F., Miaskowski, C., Parganiha, A., Pati, A. K., Pereira, D., Revell, V., Zeitzer, J. M., Davies, et al  
2023; 15 (15)
- **24 h Rest/Activity Rhythms in Older Adults with Memory Impairment: Associations with Cognitive Performance and Depressive Symptomatology.** *Advanced biology*  
Antonsdottir, I. M., Low, D. V., Chen, D., Rabinowitz, J. A., Yue, Y., Urbanek, J., Wu, M. N., Zeitzer, J. M., Rosenberg, P. B., Friedman, L. F., Sheikh, J. I., Yesavage, J. A., Zippunikov, et al  
2023: e2300138
- **Heart rate variability is a moderator of treatment outcome for posttraumatic stress disorder: Secondary analyses from a randomised controlled trial**  
Mathersul, D., Schulz-Heik, J., Avery, T., Zeitzer, J., Bayley, P.  
ELSEVIER.2023: 80
- **Improvements in Immediate and Delayed Memory With Insomnia Therapy and Their Associations With SWA in Older Adults**  
Ahmadi, M., Krause, A. J., O'Hora, K. P., Hernandez, B., Lazzeroni, L., Zeitzer, J. M., Friedman, L. F., Posner, D., Kushida, C. A., Yesavage, J. A., Saletin, J., Goldstein-Piekarski, A.

ELSEVIER SCIENCE INC.2023: S301

- **ASSOCIATIONS OF SELF-DISCLOSURE WITH SLEEP IN CANCER PATIENTS AND THEIR SLEEP-PARTNER CAREGIVERS: A DYADIC INVESTIGATION**  
Tsai, T. C., Ajmera, N., Ting, A., Laurenceau, J., Zeitzer, J., Kim, Y.  
LIPPINCOTT WILLIAMS & WILKINS.2023: A105
- **PHASE SHIFTING IN RESPONSE TO LIGHT FLASH SEQUENCES DURING SLEEP**  
Lok, R., Zeitzer, J.  
OXFORD UNIV PRESS INC.2023
- **PERILS OF THE NIGHTTIME: IMPACT OF BEHAVIORAL TIMING AND PREFERENCE ON MENTAL AND PHYSICAL HEALTH**  
Zeitzer, J., Lok, R., Weed, L., Winer, J.  
OXFORD UNIV PRESS INC.2023
- **ADULTS WITH AND WITHOUT MILD COGNITIVE IMPAIRMENT SHOW SIMILAR TREATMENT ADHERENCE AND SLEEP IMPROVEMENT AFTER INSOMNIA THERAPY**  
Morehouse, A., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.  
OXFORD UNIV PRESS INC.2023
- **Brief structured respiration practices enhance mood and reduce physiological arousal. *Cell reports. Medicine***  
Balban, M. Y., Neri, E., Kogon, M. M., Weed, L., Nouriani, B., Jo, B., Holl, G., Zeitzer, J. M., Spiegel, D., Huberman, A. D.  
2023: 100895
- **Fully Automated Detection of Isolated Rapid-Eye-Movement Sleep Behavior Disorder Using Actigraphy. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society. IEEE Engineering in Medicine and Biology Society. Annual International Conference***  
Brink-Kjaer, A., Winer, J., Zeitzer, J. M., Sorensen, H. B., Jennum, P., Mignot, E., During, E.  
2023; 2023: 1-5
- **A Flexible Deep Learning Architecture for Temporal Sleep Stage Classification Using Accelerometry and Photoplethysmography *IEEE TRANSACTIONS ON BIOMEDICAL ENGINEERING***  
Olsen, M., Zeitzer, J. M., Richardson, R. N., Davidenko, P., Jennum, P. J., Sorensen, H. B. D., Mignot, E.  
2023; 70 (1): 228-237
- **Optimizing Light Flash Sequence Duration to Shift Human Circadian Phase. *Biology***  
Joyce, D. S., Spitschan, M., Zeitzer, J. M.  
2022; 11 (12)
- **PASSIVE PHOTOTHERAPY INCREASES SLEEP DURATION IN TEENS**  
Zeitzer, J. M.  
ELSEVIER SCIENCE INC.2022: S302
- **The Impact of Missing Data and Imputation Methods on the Analysis of 24-Hour Activity Patterns. *Clocks & sleep***  
Weed, L., Lok, R., Chawra, D., Zeitzer, J.  
2022; 4 (4): 497-507
- **Associations of 24-hour Light Exposure and Activity Patterns and Risk of Cognitive Impairment and Decline in Older Men: The MrOS Sleep Study. *The journals of gerontology. Series A, Biological sciences and medical sciences***  
Blackwell, T. L., Figueiro, M. G., Tranah, G. J., Zeitzer, J. M., Yaffe, K., Ancoli-Israel, S., Kado, D. M., Ensrud, K. E., Lane, N. E., Leng, Y., Stone, K. L., Osteoporotic Fractures in Men (MrOS) Study Group  
2022
- **Randomised clinical non-inferiority trial of breathing-based meditation and cognitive processing therapy for symptoms of post-traumatic stress disorder in military veterans. *BMJ open***  
Bayley, P. J., Schulz-Heik, R. J., Tang, J. S., Mathersul, D. C., Avery, T., Wong, M., Zeitzer, J. M., Rosen, C. S., Burn, A. S., Hernandez, B., Lazzeroni, L. C., Seppala, E. M.  
2022; 12 (8): e056609
- **THE IMPACT OF NON-PHARMACOLOGICAL INSOMNIA THERAPY ON MOOD AND SLEEP IN MORNING AND EVENING CHRONOTYPES IN OLDER ADULTS**  
Lopez, M., Krause, A., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.

OXFORD UNIV PRESS INC.2022: A211-A212

● **REST-ACTIVITY PROFILES AMONG US ADULTS IN A NATIONALLY REPRESENTATIVE SAMPLE: A FUNCTIONAL PRINCIPAL COMPONENT ANALYSIS**

Xiao, Q., Lu, J., Matthews, C., Zeitzer, J., Saint-Maurice, P., Bauer, C.

OXFORD UNIV PRESS INC.2022: A72

● **NON-PHARMACOLOGICAL INSOMNIA THERAPY IS ROBUST TO CO-OCCURRING PAIN IN OLDER ADULTS**

Krause, A., Ahmadi, M., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Saletin, J., Goldstein-Piekarski, A.

OXFORD UNIV PRESS INC.2022: A197-A198

● **SLEEP-WAKE STABILITY AND VARIABILITY IN THE MIDDLE-AGED ADULT POPULATION: A UK BIOBANK STUDY**

Lok, R., Weed, L., Chawra, D., Winer, J., Zeitzer, J.

OXFORD UNIV PRESS INC.2022: A73-A74

● **N2 AND WAKEFULNESS DRIVE SUBJECTIVE SLEEP SATISFACTION IN ADULTS**

Lok, R., Chawra, D., Hon, F., Ha, M., Kaplan, K., Zeitzer, J.

OXFORD UNIV PRESS INC.2022: A99

● **ISOLATED REM SLEEP BEHAVIOR DISORDER IS ASSOCIATED WITH 24-HOUR RHYTHM DISRUPTION**

Winer, J., Lok, R., Cahuas, A., Bueno, F., Poston, K., Mormino, E., Zeitzer, J., During, E.

OXFORD UNIV PRESS INC.2022: A125

● **DYADIC INVESTIGATIONS OF ADULT ATTACHMENT AND SLEEP IN ADULT CANCER PATIENTS AND THEIR CAREGIVERS**

Ting, A., Zeitzer, J., Wohlgemuth, W., Tsai, T. C., Ajmera, N., Kim, Y.

LIPPINCOTT WILLIAMS & WILKINS.2022: A67

● **EFFECT OF SELF-REGULATION ON SLEEP IN COLORECTAL CANCER PATIENTS: THE MEDIATING ROLE OF NEGATIVE AFFECT RECOVERY**

Tsai, T. C., Ting, A., Llabre, M., Martinez, L., Zeitzer, J., Kim, Y.

LIPPINCOTT WILLIAMS & WILKINS.2022: A82

● **THE EFFECT OF DISTINCT COMPONENTS OF CBT-I ON SLOW WAVE POWER AND ENERGY**

Ahmadi, M., Krause, A., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Saletin, J., Goldstein-Piekarski, A.

OXFORD UNIV PRESS INC.2022: A197

● **THE EFFECTS OF INSOMNIA THERAPY ON DEPRESSION, ANXIETY, AND DAILY FUNCTIONING IN INDIVIDUALS WITH INSOMNIA AND MILD COGNITIVE IMPAIRMENT**

Morehouse, A., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.

OXFORD UNIV PRESS INC.2022: A275-A276

● **Circadian photoreception: The impact of light on human circadian rhythms. *Progress in brain research***

Zeitzer, J. M., Lok, R.

2022; 273 (1): 171-180

● **Non-Pharmacological Insomnia Therapy is Robust to Co-Occurring Pain in Older Adults**

Krause, A., Ahmadi, M., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Saletin, J., Goldstein-Piekarski, A.

ELSEVIER SCIENCE INC.2022: S370

● **Circadian Sub-Groups in Bipolar I Disorder**

Gonzalez, R., Dwivedi, A., Zeitzer, J., Suppes, T., Tohen, M., Forero, A., Alvarado, L.

ELSEVIER SCIENCE INC.2022: S153-S154

● **The Effect of Distinct Components of CBT-I on Slow Wave Power and Energy**

Ahmadi, M., Krause, A. J., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J. A., Saletin, J., Goldstein-Piekarski, A.

ELSEVIER SCIENCE INC.2022: S369-S370

- **Emotion dysregulation and heart rate variability improve in US veterans undergoing treatment for posttraumatic stress disorder: Secondary exploratory analyses from a randomised controlled trial.** *BMC psychiatry*  
Mathersul, D. C., Dixit, K., Schulz-Heik, R. J., Avery, T. J., Zeitzer, J. M., Bayley, P. J.  
2022; 22 (1): 268
- **Rest-activity profiles among U.S. adults in a nationally representative sample: a functional principal component analysis.** *The international journal of behavioral nutrition and physical activity*  
Xiao, Q., Lu, J., Zeitzer, J. M., Matthews, C. E., Saint-Maurice, P. F., Bauer, C.  
2022; 19 (1): 32
- **Duration invariance and intensity dependence of the human circadian system phase shifting response to brief light flashes.** *Proceedings. Biological sciences*  
Joyce, D. S., Spitschan, M., Zeitzer, J. M.  
2022; 289 (1970): 20211943
- **Investigation of the aging clock's intermittent-light responses uncovers selective deficits to green millisecond flashes.** *Journal of photochemistry and photobiology. B, Biology*  
Kaladchibachi, S., Negelspach, D. C., Zeitzer, J. M., Fernandez, F.  
1800; 228: 112389
- **Methodological Considerations for the Experimental Control of Photoreception in Humans** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 14-18
- **Circadian Rhythms and ipRGCs** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 28-32
- **Introduction** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 1-+
- **Melanopsin-Driven Light Adaptation Modulates Rod- and Cone-Mediated Functions** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 21-23
- **Future Directions, Unknowns, and Conclusions** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 39-41
- **Melanopsin-Expressing ipRGCs Drive an Independent Dimension of Conscious Visual Perception in Humans** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 25-28
- **The Non-image-Forming Pathways Set Arousal and Cognition** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 32-36
- **Spatio-Temporal Response Properties of Melanopsin Photoreception** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 23-25
- **Intrinsically Photosensitive Retinal Ganglion Cells** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 4-14
- **The Pupil as a Measure of Non-image-Forming Vision** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 18-21

- **Harnessing Light in the Built Environment** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 36-39
- **Evidence for the Non-image-Forming Pathways and Novel Retinal Photoreceptors** *MELANOPSIN VISION*  
Joyce, D. S., Houser, K. W., Peirson, S. N., Zeitzer, J. M., Zele, A. J., Joyce, D., Houser, K., Peirson, S., Zeitzer, J., Zele, A.  
2022: 2-4
- **Chronobiologically-based sub-groups in bipolar I disorder: A latent profile analysis.** *Journal of affective disorders*  
Gonzalez, R., Dwivedi, A., Zeitzer, J., Suppes, T., Tohen, M., Forero, A., Alvarado, A.  
2021
- **Self-reported and actigraphic short sleep duration in older adults.** *Journal of clinical sleep medicine : JCSM : official publication of the American Academy of Sleep Medicine*  
Miner, B., Stone, K. L., Zeitzer, J. M., Han, L., Doyle, M., Blackwell, T., Gill, T. M., Redeker, N. S., Hajduk, A., Yaggi, H. K.  
2021
- **Heart rate and heart rate variability as outcomes and longitudinal moderators of treatment for pain across follow-up in Veterans with Gulf War illness.** *Life sciences*  
Mathersul, D. C., Dixit, K., Avery, T. J., Schulz-Heik, R. J., Zeitzer, J. M., Mahoney, L. A., Cho, R. H., Bayley, P. J.  
2021: 119604
- **RELATIVE EFFECTIVENESS OF COGNITIVE BEHAVIORAL THERAPY AND ITS COMPONENTS IN IMPROVING INSOMNIA SYMPTOMS IN OLDER ADULTS**  
O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.  
OXFORD UNIV PRESS INC.2021: A144
- **PHYSIOLOGICAL CORRELATES OF THE EPWORTH SLEEPINESS SCALE REVEAL DIFFERENT DIMENSIONS OF DAYTIME SLEEPINESS.**  
Lok, R., Zeitzer, J.  
OXFORD UNIV PRESS INC.2021: A45
- **EFFICACY OF CBT-I AND ITS COMPONENTS ON HEALTH-RELATED QUALITY OF LIFE OUTCOMES IN OLDER ADULTS**  
Showen, K., O'Hora, K., Hernandez, B., Lazzeroni, L., Zeitzer, J., Friedman, L., Posner, D., Kushida, C., Yesavage, J., Goldstein-Piekarski, A.  
OXFORD UNIV PRESS INC.2021: A143-A144
- **Predicting incident dementia and mild cognitive impairment in older women with nonparametric analysis of circadian activity rhythms in the Study of Osteoporotic Fractures.** *Sleep*  
Posner, A. B., Tranah, G. J., Blackwell, T. n., Yaffe, K. n., Ancoli-Israel, S. n., Redline, S. n., Leng, Y. n., Zeitzer, J. M., Chen, D. M., Webber, K. R., Stone, K. L.  
2021
- **Sleep Problems in Narcolepsy and the Role of Hypocretin/Orexin Deficiency.** *Frontiers of neurology and neuroscience*  
Mignot, E., Zeitzer, J., Pizza, F., Plazzi, G.  
2021; 45: 103-116
- **Translation and Validation of a Chinese Version of the Cleveland Adolescent Sleepiness Questionnaire.** *Nature and science of sleep*  
Yang, Y., Chang, H., Hsu, C., Zeitzer, J. M.  
2021; 13: 695-702
- **REST-ACTIVITY RHYTHM PATTERNS AND PHYSICAL FUNCTIONAL PERFORMANCE IN COMMUNITY-DWELLING OLDER MEN**  
Chen, D., Tranah, G., Bradshaw, P., Blackwell-Hoge, T., Zeitzer, J., Ancoli-Israel, S., Yaffe, K., Stone, K.  
OXFORD UNIV PRESS.2021: 336-337
- **Physiological correlates of the Epworth Sleepiness Scale reveal different dimensions of daytime sleepiness.** *Sleep advances : a journal of the Sleep Research Society*  
Lok, R., Zeitzer, J. M.  
2021; 2 (1): zpab008
- **Nonparametric parameters of 24-hour rest-activity rhythms and long-term cognitive decline and incident cognitive impairment in older men.** *The journals of gerontology. Series A, Biological sciences and medical sciences*  
Xiao, Q., Sampson, J. N., LaCroix, A. Z., Shadyab, A. H., Zeitzer, J. M., Ancoli-Israel, S., Yaffe, K., Stone, K.

2021

- **Social dominance and multiple dimensions of psychopathology: An experimental test of reactivity to leadership and subordinate roles.** *PloS one*  
Johnson, S. L., Swerdlow, B. n., Tharp, J. A., Chen, S. n., Tackett, J. n., Zeitzer, J. n.  
2021; 16 (4): e0250099
- **A Temporal Threshold for Distinguishing Off-Wrist from Inactivity Periods: A Retrospective Actigraphy Analysis.** *Clocks & sleep*  
Lok, R., Zeitzer, J. M.  
2020; 2 (4): 466–72
- **ADULT ATTACHMENT PREDICTS DAILY SLEEP VARIATION IN COLORECTAL CANCER PATIENTS**  
Ting, A., Zeitzer, J. M., Wohlgemuth, W., Ramos, A., Madigan, E., Hahn, K., Kim, Y.  
LIPPINCOTT WILLIAMS & WILKINS.2020: A216
- **ROLE OF ADULT ATTACHMENT AND INTIMACY IN SLEEP IN COLORECTAL CANCER PATIENTS AND SPOUSAL CAREGIVERS**  
Ting, A., Zeitzer, J., Hahn, K., Pedreira, P., Kim, Y.  
OXFORD UNIV PRESS INC.2020: S645
- **IMPACT OF SUVOREXANT ON TOTAL DAYTIME SLEEP HOURS IN SHIFT WORKERS: A RANDOMIZED, DOUBLE-BLIND, PLACEBO-CONTROLLED CLINICAL FIELD TRIAL**  
Zeitzer, J. M., Joyce, D. S., Sterkel, A. L., Quevedo, Y. L., Hernandez, B., Holty, J.  
OXFORD UNIV PRESS INC.2020: A297
- **COMPARATIVE EFFECTIVENESS OF SLEEP APNEA SCREENING TOOLS DURING INPATIENT REHABILITATION FOR MODERATE TO SEVERE TBI**  
Richardson, R., Schwartz, D., Drasher-Phillips, L., Ketchum, J., Calero, K., Dahdah, M., Monden, K., Bell, K., Hoffman, J., Magalang, U., Bogner, J., Whyte, J., Zeitzer, et al  
OXFORD UNIV PRESS INC.2020: A231–A232
- **Coherence between sleep detection by actigraphy and polysomnography in a multi-center, in-patient cohort of individuals with traumatic brain injury.** *PM & R : the journal of injury, function, and rehabilitation*  
Zeitzer, J. M., Hon, F., Whyte, J., Monden, K. R., Bogner, J., Dahdah, M., Wittine, L., Bell, K. R., Nakase-Richardson, R.  
2020
- **Subjective sleep quality is poorly associated with actigraphy and heart rate measures in community-dwelling older men.** *Sleep medicine*  
Faerman, A. n., Kaplan, K. A., Zeitzer, J. M.  
2020; 73: 154–61
- **Evening salivary cortisol as a single stress marker in women with metastatic breast cancer.** *Psychoneuroendocrinology*  
Allende, S. n., Medina, J. L., Spiegel, D. n., Zeitzer, J. M.  
2020; 115: 104648
- **Effect of artificial dawn light on cardiovascular function, alertness, and balance in middle-aged and older adults.** *Sleep*  
Gabel, V. n., Miglis, M. n., Zeitzer, J. M.  
2020
- **PSG Validation of minute-to-minute scoring for sleep and wake periods in a consumer wearable device.** *PloS one*  
Cheung, J. n., Leary, E. B., Lu, H. n., Zeitzer, J. M., Mignot, E. n.  
2020; 15 (9): e0238464
- **A comparison of sleep, depressive symptoms, and parental perceptions between U.S. and Taiwan adolescents with self-reported sleep problems.** *Sleep advances : a journal of the Sleep Research Society*  
Yang, Y., Kaplan, K. A., Zeitzer, J. M.  
2020; 1 (1): zpa004
- **RESTLESS LEGS SYNDROME: DOES IT START WITH A GUT FEELING?**  
Blum, D. J., During, E., Barwick, F., Davidenko, P., Zeitzer, J., Parkar, S.  
ELSEVIER.2019: S42
- **NON-PARAMETRIC ANALYSIS OF REST-ACTIVITY RHYTHMS AND RISK OF INCIDENT MILD COGNITIVE IMPAIRMENT AND DEMENTIA IN OLDER WOMEN**

- Stone, K., Blackwell, T., Yaffe, K., Zeitzer, J., Ancoli-Israel, S., Redline, S., Leng, Y., Tranah, G.  
ELSEVIER.2019: S364–S365
- **Sleep-wake disorders in Alzheimer's disease: further genetic analyses in relation to objective sleep measures.** *International psychogeriatrics*  
Yesavage, J. A., Noda, A., Heath, A., McNERNEY, M. W., Domingue, B. W., Hernandez, Y., Benson, G., Hallmayer, J., O'Hara, R., Williams, L. M., Goldstein-Piekarski, A. N., Zeitzer, J. M., Fairchild, et al  
2019: 1–7
  - **Comparative Effectiveness of Sleep Apnea Screening Instruments During Inpatient Rehabilitation Following Moderate to Severe TBI.** *Archives of physical medicine and rehabilitation*  
Nakase-Richardson, R., Schwartz, D. J., Drasher-Phillips, L., Ketchum, J. M., Calero, K., Dahdah, M. N., Monden, K. R., Bell, K., Magalang, U., Hoffman, J., Whyte, J., Bogner, J., Zeitzer, et al  
2019
  - **Auditory psychomotor vigilance testing in older and young adults: a revised threshold setting procedure** *SLEEP AND BREATHING*  
Gabel, V., Kass, M., Joyce, D. S., Spitschan, M., Zeitzer, J. M.  
2019; 23 (3): 1021–25
  - **Optimization of circadian responses with shorter and shorter millisecond flashes.** *Biology letters*  
Kaladchibachi, S., Negelspach, D. C., Zeitzer, J. M., Fernandez, F.  
2019; 15 (8): 20190371
  - **Less is More: Ultrashort Light Flashes for Resetting the Human Circadian Clock**  
Zeitzer, J.  
KARGER.2019: 173
  - **Comparison of Alternative Scoring Paradigms of Rest-Activity Consolidation to Inform A Biomarker of Circadian Disruption after TBI**  
Nakase-Richardson, R., Silva, M., Schwartz, D., Calero, K., Zeitzer, J.  
TAYLOR & FRANCIS LTD.2019: 19
  - **The impact of chronotype on prosocial behavior** *PLOS ONE*  
Solomon, N. L., Zeitzer, J. M.  
2019; 14 (4)
  - **ALTERNATIVE SCORING PARADIGMS OF REST-ACTIVITY CONSOLIDATION (RAC) IN MODERATE TO SEVERE TRAUMATIC BRAIN INJURY (TBI) DURING INPATIENT REHABILITATION**  
Richardson, R., Silva, M., Calero, K., Zeitzer, J.  
OXFORD UNIV PRESS INC.2019
  - **Feasibility of Actigraphy and Validity in Measuring Sleep during Rehabilitation for Traumatic Brain Injury (vol 99, pg e164, 2018)** *ARCHIVES OF PHYSICAL MEDICINE AND REHABILITATION*  
Silva, M. A., Brennan, E., Schwartz, D. J., Zeitzer, J. M., Nakase-Richardson, R.  
2019; 100 (4): 788
  - **PROTEOMIC BIOMARKERS OF CIRCADIAN TIME**  
Ambati, A., Lin, L., Zitting, K., Duffy, J. F., Zeitzer, J., Spiegel, D., Czeisler, C. A., Mignot, E.  
OXFORD UNIV PRESS INC.2019
  - **A COMPARISON OF MEDICAL-GRADE ACTIGRAPHY DEVICES WITH POLYSOMNOGRAPHY DURING INPATIENT REHABILITATION FOR TRAUMATIC BRAIN INJURY (TBI).**  
Guerrero, G. Y., Schwartz, D., Silva, M. Y., Zeitzer, J., Monden, K., Wittine, L., Bogner, J., Reljic, T., Nakase-Richardson, R.  
OXFORD UNIV PRESS INC.2019
  - **RESTLESS LEG SYNDROME: DOES IT START WITH A GUT FEELING?**  
Blum, D. J., During, E., Barwick, F., Davidenko, P., Zeitzer, J. M.  
OXFORD UNIV PRESS INC.2019
  - **The impact of chronotype on prosocial behavior.** *PloS one*  
Solomon, N. L., Zeitzer, J. M.  
2019; 14 (4): e0216309

- **Predicting Subjective Sleep Quality Using Recurrent Neural Networks**  
Boussard, J., Kochenderfer, M. J., Zeitzer, J. M., IEEE  
IEEE.2019
- **Estimating Representative Group Intrinsic Circadian Period from Illuminance-Response Curve Data.** *Journal of biological rhythms*  
Stack, N. n., Zeitzer, J. M., Czeisler, C. n., Diniz Behn, C. n.  
2019: 748730419886992
- **Auditory psychomotor vigilance testing in older and young adults: a revised threshold setting procedure.** *Sleep & breathing = Schlaf & Atmung*  
Gabel, V. n., Kass, M. n., Joyce, D. S., Spitschan, M. n., Zeitzer, J. M.  
2019
- **Daytime midpoint as a digital biomarker for chronotype in bipolar disorder** *JOURNAL OF AFFECTIVE DISORDERS*  
Kaufmann, C. N., Gershon, A., Depp, C. A., Miller, S., Zeitzer, J. M., Ketter, T. A.  
2018; 241: 586–91
- **Morning physiological changes after a dawn simulation light**  
Gabel, V., Zeitzer, J. M.  
WILEY.2018
- **THE EFFECTS OF CBT-I ON COGNITIVE FUNCTIONING IN INDIVIDUALS WITH INSOMNIA AND MILD COGNITIVE IMPAIRMENT**  
Goldstein-Piekarski, A. N., O'Hora, K., Buchanan, A., Lee, C., Hernandez, B., Zeitzer, J. M., Friedman, L., Kushida, C., Yesavage, J.  
OXFORD UNIV PRESS INC.2018: A154–A155
- **PSG VALIDATION OF MINUTE-TO-MINUTE SCORING FOR SLEEP AND WAKE PERIODS IN A CONSUMER WEARABLE DEVICE**  
Cheung, J., Zeitzer, J., Lu, H., Leary, E., Mignot, E.  
OXFORD UNIV PRESS INC.2018: A120–A121
- **THE ASSOCIATION OF COGNITIVE FUNCTION WITH 24-HOUR LIGHT EXPOSURE AND ACTIVITY PATTERNS IN OLDER MEN: A PILOT STUDY WITHIN THE MROS SLEEP STUDY**  
Blackwell, T. L., Figueiro, M. G., Jones, G. E., Tranah, G. J., Zeitzer, J. M., Yaffe, K., Ancoli-Israel, S., Stone, K. L.  
OXFORD UNIV PRESS INC.2018: A239–A240
- **DAWN SIMULATION AS A PASSIVE COUNTERMEASURE TO MORNING DIZZINESS IN OLDER ADULTS**  
Gabel, Zeitzer, J. M.  
OXFORD UNIV PRESS INC.2018: A108–A109
- **Serotonin transporter polymorphism, depressive symptoms, and emotional impulsivity among advanced breast cancer patients** *SUPPORTIVE CARE IN CANCER*  
Kim, Y., Carver, C. S., Hallmayer, J. F., Zeitzer, J. M., Palesh, O., Neri, E., Nouriani, B., Spiegel, D.  
2018; 26 (4): 1181–88
- **The association between mood state and chronobiological characteristics in bipolar I disorder: a naturalistic, variable cluster analysis-based study** *INTERNATIONAL JOURNAL OF BIPOLAR DISORDERS*  
Gonzalez, R., Suppes, T., Zeitzer, J., McClung, C., Tammaing, C., Tohen, M., Forero, A., Dwivedi, A., Alvarado, A.  
2018; 6: 5
- **Subjective versus objective evening chronotypes in bipolar disorder** *Journal of Affective Disorders*  
Gershon, A., Kaufmann, C. N., Depp, C. A., Miller, S., Do, D., Zeitzer, J. M., Ketter, T. A.  
2018; 225: 342–349
- **Subjective versus objective evening chronotypes in bipolar disorder.** *Journal of affective disorders*  
Gershon, A., Kaufmann, C. N., Depp, C. A., Miller, S., Do, D., Zeitzer, J. M., Ketter, T. A.  
2018; 225: 342-349
- **Correlates of sleep quality in midlife and beyond: a machine learning analysis.** *Sleep medicine*  
Kaplan, K. A., Hardas, P. P., Redline, S., Zeitzer, J. M.  
2017; 34: 162-167

- **COGNITIVE AROUSAL IN OLDER INDIVIDUALS WITH INSOMNIA COMPLAINTS AROUSAL IN OLDER INDIVIDUALS WITH INSOMNIA COMPLAINTS**  
Friedman, L., Hernandez, B., Buchanan, A., Dinh, M., Cooper, B., Hou, D., Posner, D., Kushida, C., Yesavage, J., Zeitzer, J. M.  
OXFORD UNIV PRESS INC.2017: A129
- **VALIDATION OF MINUTE-TO-MINUTE SCORING FOR SLEEP AND WAKE PERIODS IN A CONSUMER WEARABLE DEVICE**  
Cheung, J., Zeitzer, J., Leary, E. B., Mignot, E.  
OXFORD UNIV PRESS INC.2017: A288
- **LIGHT FLASHES DURING SLEEP WITH ADJUNCT COGNITIVE BEHAVIORAL THERAPY INCREASES SLEEP IN TEENS**  
Kaplan, K., Mashash, M., Williams, R., Batchelder, H., Starr-Glass, L., Zeitzer, J.  
OXFORD UNIV PRESS INC.2017: A337
- **LIGHT AS A COUNTERMEASURE TO THE RISK OF FALLING DURING NOCTURNAL AWAKENINGS**  
Gabel, Zeitzer, J. M.  
OXFORD UNIV PRESS INC.2017: A316-A317
- **Eating Decisions Based on Alertness Levels After a Single Night of Sleep Manipulation: A Randomized Clinical Trial.** *Sleep*  
Pardi, D., Buman, M., Black, J., Lammers, G. J., Zeitzer, J. M.  
2017; 40 (2)
- **Anatomy and Physiology of the Circadian System** *SLEEP AND NEUROLOGIC DISEASE*  
Najjar, R. P., Zeitzer, J. M.  
edited by Miglis, M. G.  
2017: 29–53
- **Implementation of Actigraphy in Acute Traumatic Brain Injury (TBI) Neurorehabilitation Admissions: A Veterans Administration TBI Model Systems Feasibility Study** *PM&R*  
Towns, S. J., Zeitzer, J., Kamper, J., Holcomb, E., Silva, M. A., Schwartz, D. J., Nakase-Richardson, R.  
2016; 8 (11): 1046-1054
- **Daily Actigraphy Profiles Distinguish Depressive and Interepisode States in Bipolar Disorder.** *Clinical psychological science : a journal of the Association for Psychological Science*  
Gershon, A., Ram, N., Johnson, S. L., Harvey, A. G., Zeitzer, J. M.  
2016; 4 (4): 641-650
- **Concordance of Actigraphy With Polysomnography in Traumatic Brain Injury Neurorehabilitation Admissions.** *journal of head trauma rehabilitation*  
Kamper, J. E., Garofano, J., Schwartz, D. J., Silva, M. A., Zeitzer, J., Modarres, M., Barnett, S. D., Nakase-Richardson, R.  
2016; 31 (2): 117-125
- **Indirect Effects of Behavioral Treatment for Insomnia on Depression, Anxiety, Perceived Stress and Telomere Length**  
Yesavage, J. A., Yessengaliyeva, E., Hernandez, B., Noda, A., Thompson, S., Lee, R., Posner, D. A., Lin, J., Neylan, T., Zeitzer, J., Friedman, L.  
ELSEVIER SCIENCE INC.2016: S84–S85
- **Concordance of Actigraphy With Polysomnography in Traumatic Brain Injury Neurorehabilitation Admissions** *JOURNAL OF HEAD TRAUMA REHABILITATION*  
Kamper, J. E., Garofano, J., Schwartz, D. J., Silva, M. A., Zeitzer, J., Modarres, M., Barnett, S. D., Nakase-Richardson, R.  
2016; 31 (2): 117-125
- **Ubiquity of Undiagnosed Sleep Disordered Breathing in Community-Dwelling Older Male Veterans.** *American journal of geriatric psychiatry*  
Iqbal, N., Kinoshita, L. M., Noda, A., Friedman, L., Yesavage, J. A., Zeitzer, J. M.  
2016; 24 (2): 170-173
- **Sleep Disturbance, Diabetes, and Cardiovascular Disease in Postmenopausal Veteran Women** *GERONTOLOGIST*  
Rissling, M. B., Gray, K. E., Ulmer, C. S., Martin, J. L., Zaslavsky, O., Gray, S. L., Hale, L., Zeitzer, J. M., Naughton, M., Woods, N. F., LaCroix, A., Calhoun, P. S., Stefanick, et al  
2016; 56: S54-S66
- **Moderators of acupuncture effectiveness in breast cancer survivors: Randomized clinical trial (RCT)**  
Palesh, O., Haddad, N., Schnyer, R., Neri, E., Packer, M., Zeitzer, J. M., Manber, R.

AMER SOC CLINICAL ONCOLOGY.2016

- **Standing Balance and Spatiotemporal Aspects of Gait Are Impaired Upon Nocturnal Awakening in Healthy Late Middle-Aged and Older Adults** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
McBean, A. L., Najjar, R. P., Schuchard, R. A., Hall, C. D., Wang, C., Ku, B., Zeitzer, J. M.  
2016; 12 (11): 1477-1486
- **A Bigger Bang for the Buck: Non-Image Forming Responses to Ultra-Short Light Flashes**  
Najjar, R. P., Zeitzer, J. M.  
KARGER.2016: 245
- **Daily Actigraphy Profiles Distinguish Depressive and Interepisode States in Bipolar Disorder** *Clinical Psychological Science*  
Gershon, A., Ram, N., Johnson, S. L., Harvey, A. G., Zeitzer, J. M.  
2016; 4 (4): 641– 650
- **Aberrant Nocturnal Cortisol as a Vulnerability Trait for More Rapid Progression of Advanced Breast Cancer**  
Zeitzer, J., Nouriani, B., Rissling, M., Sledge, G., Palesh, O., Jo, B., Neri, E., Spiegel, D.  
NATURE PUBLISHING GROUP.2015: S194–S195
- **RCT utilizing acupuncture for management of insomnia associated with cancer.**  
Palesh, O., Haddad, N., Schnyer, R., Zeitzer, J. M., Neri, E., Manber, R.  
AMER SOC CLINICAL ONCOLOGY.2015
- **Increased Prevalence of Sleep Disordered Breathing in Older Veterans with PTSD**  
Yesavage, J. A., Iqbal, N., Goodale, G., Noda, A., Hernandez, B., Cheng, J., Zeitzer, J. M., Friedman, L., Kinoshita, L. M.  
ELSEVIER SCIENCE INC.2015: S180–S181
- **Nocturia Reported in Nightly Sleep Diaries: Common Occurrence With Significant Implications?** *HEALTH PSYCHOLOGY*  
Bliwise, D. L., Friedman, L., Hernandez, B., Zeitzer, J. M., Kushida, C. A., Yesavage, J. A.  
2014; 33 (11): 1362-1365
- **Nocturia reported in nightly sleep diaries: common occurrence with significant implications?** *Health psychology*  
Bliwise, D. L., Friedman, L., Hernandez, B., Zeitzer, J. M., Kushida, C. A., Yesavage, J. A.  
2014; 33 (11): 1362-1365
- **Implementation of objective sleep monitoring during acute neurorehabilitation: Feasibility and clinical findings**  
Nakase-Richardson, R., Schwartz, D., Modarres, M., Zeitzer, J., Anderson, W., Midkiff, M.  
INFORMA HEALTHCARE.2014: 770
- **Challenges to be overcome using population-based sampling methods to recruit veterans for a study of post-traumatic stress disorder and traumatic brain injury** *BMC MEDICAL RESEARCH METHODOLOGY*  
Bayley, P. J., Kong, J. Y., Helmer, D. A., Schneiderman, A., Roselli, L. A., Rosse, S. M., Jackson, J. A., Baldwin, J., Isaac, L., Nolasco, M., Blackman, M. R., Reinhard, M. J., Ashford, et al  
2014; 14
- **Bedtime misalignment and progression of breast cancer.** *Chronobiology international*  
Hahm, B., Jo, B., Dhabhar, F. S., Palesh, O., Aldridge-Gerry, A., Bajestan, S. N., Neri, E., Nouriani, B., Spiegel, D., Zeitzer, J. M.  
2014; 31 (2): 214-221
- **Effects of body mass index-related disorders on cognition: preliminary results.** *Diabetes, metabolic syndrome and obesity : targets and therapy*  
Yesavage, J. A., Kinoshita, L. M., Noda, A., Lazzeroni, L. C., Fairchild, J. K., Taylor, J., Kulick, D., Friedman, L., Cheng, J., Zeitzer, J. M., O'Hara, R.  
2014; 7: 145-151
- **Effects of body mass index-related disorders on cognition: preliminary results** *DIABETES METABOLIC SYNDROME AND OBESITY-TARGETS AND THERAPY*  
Yesavage, J. A., Kinoshita, L. M., Noda, A., Lazzeroni, L. C., Fairchild, J., Taylor, J., Kulick, D., Friedman, L., Cheng, J., Zeitzer, J. M., O'Hara, R.  
2014; 7: 145–51
- **Longitudinal assessment of sleep disordered breathing in Vietnam veterans with post-traumatic stress disorder** *NATURE AND SCIENCE OF SLEEP*

- Yesavage, J. A., Kinoshita, L. M., Noda, A., Lazzeroni, L. C., Fairchild, J., Friedman, L., Sekhon, G., Thompson, S., Cheng, J., Zeitzer, J. M.  
2014; 6: 123–27
- **Randomized controlled trial of pharmacological replacement of melatonin for sleep disruption in individuals with tetraplegia** *JOURNAL OF SPINAL CORD MEDICINE*  
Zeitzer, J. M., Ku, B., Ota, D., Kiratli, B. J.  
2014; 37 (1): 46-53
  - **Correspondence of plasma and salivary cortisol patterns in women with breast cancer.** *Neuroendocrinology*  
Zeitzer, J. M., Nouriani, B., Neri, E., Spiegel, D.  
2014; 100 (2-3): 153-161
  - **Longitudinal assessment of sleep disordered breathing in Vietnam veterans with post-traumatic stress disorder.** *Nature and science of sleep*  
Yesavage, J. A., Kinoshita, L. M., Noda, A., Lazzeroni, L. C., Fairchild, J. K., Friedman, L., Sekhon, G., Thompson, S., Cheng, J., Zeitzer, J. M.  
2014; 6: 123-127
  - **Retino-hypothalamic regulation of light-induced murine sleep.** *Frontiers in systems neuroscience*  
Muindi, F., Zeitzer, J. M., Heller, H. C.  
2014; 8: 135-?
  - **Actigraphy-Measured Sleep Disruption as a Predictor of Survival among Women with Advanced Breast Cancer.** *Sleep*  
Palesh, O., Aldridge-Gerry, A., Zeitzer, J. M., Koopman, C., Neri, E., Giese-Davis, J., Jo, B., Kraemer, H., Nouriani, B., Spiegel, D.  
2014; 37 (5): 837-842
  - **Actigraphy Measured Sleep Disruption as a Predictor of Survival Among Women with Advanced Breast Cancer**  
Spiegel, D., Palesh, O., Aldridge-Gerry, A., Zeitzer, J., Koopman, C., Giese-Davis, J., Jo, B., Kraemer, H., Neri, E., Nouriani, B.  
NATURE PUBLISHING GROUP.2013: S352–S353
  - **Psychosocial correlates of sleep quality and architecture in women with metastatic breast cancer.** *Sleep medicine*  
Aldridge-Gerry, A., Zeitzer, J. M., Palesh, O. G., Jo, B., Nouriani, B., Neri, E., Spiegel, D.  
2013; 14 (11): 1178-1186
  - **Psychosocial correlates of sleep quality and architecture in women with metastatic breast cancer** *SLEEP MEDICINE*  
Aldridge-Gerry, A., Zeitzer, J. M., Palesh, O. G., Jo, B., Nouriani, B., Neri, E., Spiegel, D.  
2013; 14 (11): 1178-1186
  - **A survey study of the association between mobile phone use and daytime sleepiness in California high school students** *BMC PUBLIC HEALTH*  
Nathan, N., Zeitzer, J.  
2013; 13
  - **Control of sleep and wakefulness in health and disease.** *Progress in molecular biology and translational science*  
Zeitzer, J. M.  
2013; 119: 137-54
  - **The acute effects of light on murine sleep during the dark phase: importance of melanopsin for maintenance of light-induced sleep.** *European journal of neuroscience*  
Muindi, F., Zeitzer, J. M., Colas, D., Heller, H. C.  
2013; 37 (11): 1727-1736
  - **Actigraphy measured sleep disruption as a predictor of survival in advanced breast cancer**  
Palesh, O., Gerry, A., Zeitzer, J. M., Koopman, C., Jo, B., Neri, E., Nouriani, B., Spiegel, D.  
AMER SOC CLINICAL ONCOLOGY.2013
  - **Losing sleep over cancer: Relationships with negative affect, blood pressure, and disease-free interval among women with metastatic breast cancer.**  
Gerry, A., Palesh, O., Rissling, M., Zeitzer, J. M., Dhabhar, F. S., Jo, B., Neri, E., Nouriani, B., Spiegel, D.  
AMER SOC CLINICAL ONCOLOGY.2013

- **Phenotyping apathy in individuals with Alzheimer disease using functional principal component analysis.** *American journal of geriatric psychiatry*  
Zeitzer, J. M., David, R., Friedman, L., Mulin, E., Garcia, R., Wang, J., Yesavage, J. A., Robert, P. H., Shannon, W.  
2013; 21 (4): 391-397
- **CANCER PROGRESSION AND ALTERATIONS OF SLEEP ARCHITECTURE IN WOMEN WITH METASTATIC BREAST CANCER**  
Aldridge-Gerry, A., Zeitzer, J., Palesh, O., Dhabhar, F., Jo, B., Neri, E., Nouriani, B., Spiegel, D.  
SPRINGER.2013: S159
- **NATURAL KILLER (NK) CELL DIURNAL RHYTHMS AND SLEEP DISRUPTION IN METASTATIC BREAST CANCER**  
Dhabhar, F. S., Jo, B., Neri, E., Zeitzer, J., Bricker, N. M., Nouriani, B., Aldridge-Gerry, A., Spiegel, D.  
SPRINGER.2013: S160
- **OBESITY IN WOMEN WITH METASTATIC BREAST CANCER IS ASSOCIATED WITH DISRUPTED CIRCADIAN RHYTHMS, POOR SLEEP, DEPRESSION AND REDUCED PHYSICAL ACTIVITY**  
Palesh, O., Koopman, C., Zeitzer, J., Aldridge-Gerry, A., Neri, E., Mustian, K., Nouriani, B., Spiegel, D.  
SPRINGER.2013: S160
- **Nocturia Compounds Nocturnal Wakefulness in Older Individuals with Insomnia** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
Zeitzer, J. M., Bliwise, D. L., Hernandez, B., Friedman, L., Yesavage, J. A.  
2013; 9 (3): 259-262
- **Modeling the effects of obstructive sleep apnea and hypertension in Vietnam veterans with PTSD** *SLEEP AND BREATHING*  
Kinoshita, L. M., Yesavage, J. A., Noda, A., Jo, B., Hernandez, B., Taylor, J., Zeitzer, J. M., Friedman, L., Fairchild, J. K., Cheng, J., Kuschner, W., O'Hara, R., Holty, et al  
2012; 16 (4): 1201-1209
- **Decreased Daytime Motor Activity Associated With Apathy in Alzheimer Disease: An Actigraphic Study** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*  
David, R., Mulin, E., Friedman, L., Le Duff, F., Cygankiewicz, E., Deschaux, O., Garcia, R., Yesavage, J. A., Robert, P. H., Zeitzer, J. M.  
2012; 20 (9): 806-814
- **Psychosocial correlates of sleep architecture in women with advanced breast cancer.** *48th Annual Meeting of the American-Society-of-Clinical-Oncology (ASCO)*  
Gerry, A. A., Jo, B., Palesh, O., Zeitzer, J., Neri, E., Spiegel, D.  
AMER SOC CLINICAL ONCOLOGY.2012
- **Brief morning light treatment for sleep/wake disturbances in older memory-impaired individuals and their caregivers** *SLEEP MEDICINE*  
Friedman, L., Spira, A. P., Hernandez, B., Mather, C., Sheikh, J., Ancoli-Israel, S., Yesavage, J. A., Zeitzer, J. M.  
2012; 13 (5): 546-549
- **Time-course of cerebrospinal fluid histamine in the wake-consolidated squirrel monkey** *JOURNAL OF SLEEP RESEARCH*  
Zeitzer, J. M., Kodama, T., Buckmaster, C. L., Honda, Y., Lyons, D. M., Nishino, S., Mignot, E.  
2012; 21 (2): 189-194
- **Modeling caffeine concentrations with the Stanford Caffeine Questionnaire: Preliminary evidence for an interaction of chronotype with the effects of caffeine on sleep** *SLEEP MEDICINE*  
Nova, P., Hernandez, B., Ptolemy, A. S., Zeitzer, J. M.  
2012; 13 (4): 362-367
- **Sleep-Disordered Breathing in Vietnam Veterans with Posttraumatic Stress Disorder** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*  
Yesavage, J. A., Kinoshita, L. M., Kimball, T., Zeitzer, J., Friedman, L., Noda, A., David, R., Hernandez, B., Lee, T., Cheng, J., O'Hara, R.  
2012; 20 (3): 199-204
- **Phenotyping Apathy in Individuals With Alzheimer Disease Using Functional Principal Component Analysis.** *The American journal of geriatric psychiatry : official journal of the American Association for Geriatric Psychiatry*  
Zeitzer, J. M., David, R., Friedman, L., Mulin, E., Garcia, R., Wang, J., Yesavage, J. A., Robert, P. H., Shannon, W.  
2012
- **Lower peak numbers, blunted diurnal rhythms of immune cell distribution, and sleep disruption in metastatic breast cancer**  
Dhabhar, F. S., Jo, B., Neri, E., Zeitzer, J., Tillie, J. M., Bricker, N. M., Nouriani, B., Spiegel, D.

CO-ACTION PUBLISHING.2012

- **LIGHT FLASHES PHASE SHIFT HUMAN CIRCADIAN RHYTHMS DURING AND WITHOUT DISTURBING SLEEP**  
Zeitzer, J., Ruby, N. F., Heller, H.  
OXFORD UNIV PRESS INC.2012: A63
- **INDIVIDUAL DIFFERENCE FACTORS IN FLIGHT CONTROL AND DECISION MAKING PERFORMANCE**  
Kennedy, Q., Taylor, J. L., Yesavage, J., Noda, A., Adamson, M. M., Murphy, G., Zeitzer, J. M.  
OXFORD UNIV PRESS INC.2011: 552
- **Effectiveness of evening phototherapy for insomnia is reduced by bright daytime light exposure** *SLEEP MEDICINE*  
Zeitzer, J. M., Friedman, L., Yesavage, J. A.  
2011; 12 (8): 805-807
- **The Roles of COMT val158met Status and Aviation Expertise in Flight Simulator Performance and Cognitive Ability** *BEHAVIOR GENETICS*  
Kennedy, Q., Taylor, J. L., Noda, A., Adamson, M., Murphy, G. M., Zeitzer, J. M., Yesavage, J. A.  
2011; 41 (5): 700-708
- **Initial Cognitive Performance Predicts Longitudinal Aviator Performance** *JOURNALS OF GERONTOLOGY SERIES B-PSYCHOLOGICAL SCIENCES AND SOCIAL SCIENCES*  
Yesavage, J. A., Jo, B., Adamson, M. M., Kennedy, Q., Noda, A., Hernandez, B., Zeitzer, J. M., Friedman, L. F., Fairchild, K., Scanlon, B. K., Murphy, G. M., Taylor, J. L.  
2011; 66 (4): 444-453
- **Circadian Clock Gene Polymorphisms and Sleep-Wake Disturbance in Alzheimer Disease** *AMERICAN JOURNAL OF GERIATRIC PSYCHIATRY*  
Yesavage, J. A., Noda, A., Hernandez, B., Friedman, L., Cheng, J. J., Tinklenberg, J. R., Hallmayer, J., O'Hara, R., David, R., Robert, P., Landsverk, E., Zeitzer, J. M.  
2011; 19 (7): 635-643
- **Faster REM sleep EEG and worse restedness in older insomniacs with HLA DQB1\*0602** *PSYCHIATRY RESEARCH*  
Zeitzer, J. M., Fiscaro, R. A., Grove, M. E., Mignot, E., Yesavage, J. A., Friedman, L.  
2011; 187 (3): 397-400
- **Exposure to Room Light before Bedtime Suppresses Melatonin Onset and Shortens Melatonin Duration in Humans** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*  
Gooley, J. J., Chamberlain, K., Smith, K. A., Khalsa, S. B., Rajaratnam, S. M., Van Reen, E., Zeitzer, J. M., Czeisler, C. A., Lockley, S. W.  
2011; 96 (3): E463-E472
- **Association between COMT Polymorphisms and Apathy in Alzheimer's Disease**  
Renaud, D., Friedman, L., Mulin, E., Noda, A., Le Duff, F., Garcia, R., Kennedy, Q., Robert, P. H., Yesavage, J. A., Zeitzer, J. M.  
LIPPINCOTT WILLIAMS & WILKINS.2011: A414
- **Lack of Association Between COMT Polymorphisms and Apathy in Alzheimer's Disease** *JOURNAL OF ALZHEIMERS DISEASE*  
David, R., Friedman, L., Mulin, E., Noda, A., Le Duff, F., Kennedy, Q., Garcia, R., Robert, P. H., Yesavage, J. A., Zeitzer, J. M.  
2011; 27 (1): 155-161
- **MILLISECOND LIGHT FLASHES PHASE SHIFT HUMAN CIRCADIAN RHYTHMS**  
Zeitzer, J., Ruby, N. F., Heller, H.  
OXFORD UNIV PRESS INC.2011: A56
- **DIFFERENTIAL EFFECTS OF MORNING LIGHT TREATMENT COMBINED WITH SLEEP HYGIENE THERAPY ON MEMORY-IMPAIRED INDIVIDUALS AND THEIR CAREGIVERS**  
Friedman, L. F., Spira, A. P., Hernandez, B., Sheikh, J., Yesavage, J. A., Zeitzer, J.  
OXFORD UNIV PRESS INC.2011: A217
- **FUNCTIONAL PRINCIPAL COMPONENT ANALYSIS REVEALS DISRUPTED ACTIVITY RHYTHM IN INDIVIDUALS WITH ALZHEIMER'S DISEASE AND APATHY**  
Zeitzer, J., David, R., Friedman, L. F., Mulin, E., Wang, J., Robert, P. H., Shannon, W.  
OXFORD UNIV PRESS INC.2011: A249

- **Relationship between Apathy and Sleep Disturbance in Mild and Moderate Alzheimer's Disease: An Actigraphic Study** *JOURNAL OF ALZHEIMERS DISEASE*  
Mulin, E., Zeitzer, J. M., Friedman, L., Le Duff, F., Yesavage, J., Robert, P. H., David, R.  
2011; 25 (1): 85-91
- **Effects of sleep on the cardiovascular and thermoregulatory systems: a possible role for hypocretins** *JOURNAL OF APPLIED PHYSIOLOGY*  
Schwimmer, H., Stauss, H. M., Abboud, F., Nishino, S., Mignot, E., Zeitzer, J. M.  
2010; 109 (4): 1053-1063
- **Sex Differences in Phase Angle of Entrainment and Melatonin Amplitude in Humans** *JOURNAL OF BIOLOGICAL RHYTHMS*  
Cain, S. W., Dennison, C. F., Zeitzer, J. M., Guzik, A. M., Khalsa, S. B., Santhi, N., Schoen, M. W., Czeisler, C. A., Duffy, J. F.  
2010; 25 (4): 288-296
- **Preliminary evidence that plasma oxytocin levels are elevated in major depression** *PSYCHIATRY RESEARCH*  
Parker, K. J., Kenna, H. A., Zeitzer, J. M., Keller, J., Blasey, C. M., Amico, J. A., Schatzberg, A. F.  
2010; 178 (2): 359-362
- **Non-pharmacologic management of sleep disturbance in Alzheimer's disease** *JOURNAL OF NUTRITION HEALTH & AGING*  
David, R., Zeitzer, J., Friedman, L., Noda, A., O'Hara, R., Robert, P., Yesavage, J. A.  
2010; 14 (3): 203-206
- **Role of Healthy Sleep Practices: Alcohol/Caffeine/Exercise/Scheduling** *INSOMNIA: DIAGNOSIS AND TREATMENT*  
Friedman, L., Zeitzer, J. M., Mumenthaler, M. S.  
edited by Sateia, M. J., Buysse, D. J.  
2010: 260-267
- **EXPOSURE TO BRIGHT, MILLISECOND LIGHT FLASHES ENHANCE OBJECTIVE MEASURES OF NOCTURNAL ALERTNESS IN HUMANS**  
Zeitzer, J., Fiscaro, R., Ruby, N. F., Heller, H.  
OXFORD UNIV PRESS INC.2010: A90
- **INCIDENTAL IMPROVEMENT OF DEPRESSION IN CAREGIVERS DURING NON-PHARMACOLOGIC TREATMENT OF SLEEP DISRUPTION IN INDIVIDUALS WITH MEMORY IMPAIRMENT**  
Friedman, L. F., Mather, C., Spira, A. P., Hernandez, B., Kim, E., Wicks, D., Sheikh, J., Yesavage, J. A., Zeitzer, J.  
OXFORD UNIV PRESS INC.2010: A353
- **Modafinil and gamma-hydroxybutyrate have sleep state-specific pharmacological actions on hypocretin-1 physiology in a primate model of human sleep** *BEHAVIOURAL PHARMACOLOGY*  
Zeitzer, J. M., Buckmaster, C. L., Landolt, H., Lyons, D. M., Mignot, E.  
2009; 20 (7): 643-652
- **Elevated Anti-Streptococcal Antibodies in Patients with Recent Narcolepsy Onset** *SLEEP*  
Aran, A., Lin, L., Nevsimalova, S., Plazzi, G., Hong, S. C., Weiner, K., Zeitzer, J., Mignot, E.  
2009; 32 (8): 979-983
- **The effects of sleep on the cardiovascular and the thermoregulatory systems - possible role for hypocretin**  
Schwimmer, H., Zeitzer, J. M., Yanagisawa, M., Nishino, S., Stauss, H. M., Abboud, F. M., Mignot, E.  
FEDERATION AMER SOC EXP BIOL.2009
- **Scheduled Bright Light for Treatment of Insomnia in Older Adults** *JOURNAL OF THE AMERICAN GERIATRICS SOCIETY*  
Friedman, L., Zeitzer, J. M., Kushida, C., Zhdanova, I., Noda, A., Lee, T., Schneider, B., Guilleminault, C., Sheikh, J., Yesavage, J. A.  
2009; 57 (3): 441-452
- **Sleep apnea, apolipoprotein epsilon 4 allele, and TBI: Mechanism for cognitive dysfunction and development of dementia** *JOURNAL OF REHABILITATION RESEARCH AND DEVELOPMENT*  
O'Hara, R., Luzon, A., Hubbard, J., Zeitzer, J. M.  
2009; 46 (6): 837-850
- **ASSOCIATION BETWEEN NIGHTTIME SLEEP AND DAYTIME ACTIVITY IN MEMORY-IMPAIRED INDIVIDUALS AND THEIR CAREGIVERS**  
Friedman, L., Spira, A., Noda, A., Hernandez, B., Kim, E., Wicks, D., Sheikh, J., Yesavage, J., Zeitzer, J. M.

OXFORD UNIV PRESS INC.2009: A120

- **HLA DQB1\*0602 IS ASSOCIATED WITH SLEEP PERCEPTION IN OLDER INDIVIDUALS WITH INSOMNIA** *23rd Annual Meeting of the Associated-Professional-Sleep-Societies (APSS)*  
Zeitzer, J., Grove, M. E., Mignot, E., Yesavage, J. A., Friedman, L.  
AMER ACAD SLEEP MEDICINE.2009: A262–A262
- **Neuropsychiatric diagnosis and management of chronic sequelae of war-related mild to moderate traumatic brain injury** *JOURNAL OF REHABILITATION RESEARCH AND DEVELOPMENT*  
Halbauer, J. D., Ashford, J. W., Zeitzer, J. M., Adamson, M. M., Lew, H. L., Yesavage, J. A.  
2009; 46 (6): 757-795
- **Insomnia in the context of traumatic brain injury** *JOURNAL OF REHABILITATION RESEARCH AND DEVELOPMENT*  
Zeitzer, J. M., Friedman, L., O'Hara, R.  
2009; 46 (6): 827-835
- **Vagal regulation, cortisol, and sleep disruption in women with metastatic breast cancer.** *Journal of clinical sleep medicine*  
Palesh, O., Zeitzer, J. M., Conrad, A., Giese-Davis, J., Mustian, K. M., Popek, V., Nga, K., Spiegel, D.  
2008; 4 (5): 441-449
- **Intravenous immune globulin (10% caprylate-chromatography purified) for the treatment of chronic inflammatory demyelinating polyradiculoneuropathy (ICE study): a randomised placebo-controlled trial (vol 7, pg 136, 2008)** *LANCET NEUROLOGY*  
Hughes, R. C., Donofrio, P., Bril, Bourgin, P., Zeitzer, J. M., Mignot, E., Chin, R. M., Neville, B. R., Peckham, C., Wade, A., Bedford, H., Scott, R. C., ICE Study Grp  
2008; 7 (9): 771
- **CSF hypocretin-1 assessment in sleep and neurological disorders** *LANCET NEUROLOGY*  
Bourgin, P., Zeitzer, J. M., Mignot, E.  
2008; 7 (7): 649-662
- **Kleine-Levin syndrome: A systematic study of 108 patients** *ANNALS OF NEUROLOGY*  
Arnulf, I., Lin, L., Gadoth, N., File, J., Lecendreux, M., Franco, P., Zeitzer, J., Lo, B., Faraco, J. H., Mignot, E.  
2008; 63 (4): 482-493
- **Vagal Regulation, Cortisol, and Sleep Disruption in Women with Metastatic Breast Cancer** *JOURNAL OF CLINICAL SLEEP MEDICINE*  
Palesh, O., Zeitzer, J. M., Conrad, A., Giese-Davis, J., Mustian, K. M., Popek, V., Nga, K., Spiegel, D.  
2008; 4 (5): 441-449
- **Hypocretin deficiency in narcolepsy with atypical or without cataplexy**  
Lin, L., Zeitzer, J., Einen, M., Zhang, J., Morkovitz, J., Bourgin, P., Mignot, E., Hong, S., Plazzi, G., Nevsimalova, S.  
OXFORD UNIV PRESS INC.2008: A222
- **Genetic polymorphism in clock predicts timing of circadian light sensitivity in humans**  
Zeitzer, J., Friedman, L., Zhdanova, P., Lin, L., Kushida, C., Yesavage, J. A.  
AMER ACAD SLEEP MEDICINE.2008: A365
- **Preliminary evidence that hippocampal volumes in monkeys predict stress levels of adrenocorticotrophic hormone** *BIOLOGICAL PSYCHIATRY*  
Lyons, D. M., Parker, K. J., Zeitzer, J. M., Buckmaster, C. L., Schatzberg, A. F.  
2007; 62 (10): 1171-1174
- **Plasma melatonin rhythms in young and older humans during sleep, sleep deprivation, and wake** *SLEEP*  
Zeitzer, J. M., Duffy, J. F., Lockley, S. W., Dijk, D., Czeisler, C. A.  
2007; 30 (11): 1437-1443
- **Increasing length of wakefulness and modulation of hypocretin-1 in the wake-consolidated squirrel monkey** *AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY INTEGRATIVE AND COMPARATIVE PHYSIOLOGY*  
Zeitzer, J. M., Buckmaster, C. L., Lyons, D. M., Mignot, E.  
2007; 293 (4): R1736-R1742
- **A physiologically based mathematical model of melatonin including ocular light suppression and interactions with the circadian pacemaker** *JOURNAL OF PINEAL RESEARCH*

- St Hilaire, M. A., Gronfier, C., Zeitzer, J. M., Klerman, E. B.  
2007; 43 (3): 294-304
- **Sleep/wake fragmentation disrupts metabolism in a mouse model of narcolepsy** *JOURNAL OF PHYSIOLOGY-LONDON*  
Zhang, S., Zeitzer, J. M., Sakurai, T., Nishino, S., Mignot, E.  
2007; 581 (2): 649-663
  - **Decreased sensitivity to phase-delaying effects of moderate intensity light in older subjects** *NEUROBIOLOGY OF AGING*  
Duffy, J. F., Zeitzer, J. M., Czeisler, C. A.  
2007; 28 (5): 799-807
  - **Normal cerebrospinal fluid levels of hypocretin-1 (orexin A) in patients with fibromyalgia syndrome** *SLEEP MEDICINE*  
Taiwo, O. B., Russell, I. J., Mignot, E., Lin, L., Michalek, J. E., Haynes, W., Xiao, Y., Zeiter, J. M., Larson, A. A.  
2007; 8 (3): 260-265
  - **In Alzheimer disease, increased wake fragmentation found in those with lower hypocretin-1** *NEUROLOGY*  
Friedman, L. F., Zeitzer, J. M., Lin, L., Hoff, D., Mignot, E., Peskind, E. R., Yesavage, J. A.  
2007; 68 (10): 793-794
  - **Hypocretin-1 is inversely associated with wake fragmentation in Alzheimer's disease** *21st Annual Meeting of the American-Professional-Sleep-Societies*  
Zeitzer, J., Friedman, L., Lin, L., Mignot, E., Peskind, E., Yesavage, J.  
AMER ACAD SLEEP MEDICINE.2007: A302-A302
  - **Neurobiology of Narcolepsy and Hypersomnia** *NEUROBIOLOGY OF DISEASE*  
Mignot, E., Zeitzer, J. M.  
edited by Gilman, S.  
2007: 715-22
  - **Diurnal fluctuations of histamine and glutathione levels in the primate CSF**  
Kodama, T., Zeitzer, J. M., Honda, Y., Buckmaster, C. L., Lyons, D. M., Mignot, E., Nishino, S.  
BLACKWELL PUBLISHING.2006: 239
  - **The neurobiology of hypocretins (orexins), narcolepsy and related therapeutic interventions** *TRENDS IN PHARMACOLOGICAL SCIENCES*  
Zeitzer, J. M., Nishin, S., Mignot, E.  
2006; 27 (7): 368-374
  - **Extracellular adenosine in the human brain during sleep and sleep deprivation: An in vivo microdialysis study** *SLEEP*  
Zeitzer, J. M., Morales-Villagran, A., Maidment, N. T., Behnke, E. J., Ackerson, L. C., Lopez-Rodriguez, F., Fried, I., Engel, J., Wilson, C. L.  
2006; 29 (4): 455-461
  - **Reduced sleep efficiency in cervical spinal cord injury; association with abolished night time melatonin secretion** *SPINAL CORD*  
Scheer, F. A., Zeitzer, J. M., Ayas, N. T., Brown, R., Czeisler, C. A., Shea, S. A.  
2006; 44 (2): 78-81
  - **Hypocretin/orexin effects on cardiovascular regulation during sleep**  
schwimmer H.,, Zeitzer, J. M., Masashi, Y., Nishino, S., Shengwen, Z., Mignot, E.  
OXFORD UNIV PRESS INC.2006: A31
  - **Modeling the effects of homeostatic drive, circadian time, locomotor activity, and HPA axis activation on hypocretin-1 (orexin A) concentrations in the squirrel monkey**  
Zeitzer, J., Buckmaster, C. L., Lyons, D. M., Mignot, E.  
OXFORD UNIV PRESS INC.2006: A10
  - **Kleine-Levin syndrome: a systematic review of 186 cases in the literature** *BRAIN*  
Arnulf, I., Zeitzer, J. M., File, J., Farber, N., Mignot, E.  
2005; 128: 2763-2776
  - **Temporal dynamics of late-night photic stimulation of the human circadian timing system** *AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY INTEGRATIVE AND COMPARATIVE PHYSIOLOGY*  
Zeitzer, J. M., Khalsa, S. B., Boivin, D. B., Duffy, J. F., Shanahan, T. L., Kronauer, R. E., Czeisler, C. A.

2005; 289 (3): R839-R844

- **Bilateral oculosympathetic paresis associated with loss of nocturnal melatonin secretion in patients with spinal cord injury** *JOURNAL OF SPINAL CORD MEDICINE*  
Zeitzer, J. M., Ayas, N. T., Wu, A. D., Czeisler, C. A., Brown, R.  
2005; 28 (1): 55-59
- **Reduced sleep efficiency in cervical spinal cord injury; Association with abolished nighttime melatonin secretion**  
Scheer, F. A., Zeitzer, J. M., Ayas, N. T., Brown, R., Czeisler, C. A., Shea, S. A.  
OXFORD UNIV PRESS INC.2005: A68
- **Sleep-deprivation dose response effects on hypocretin-1 (orexin A) concentrations in a diurnal, sleep consolidating primate, the squirrel monkey**  
Zeitzer, J., Buckmaster, C. L., Lyons, D. M., Mignot, E.  
OXFORD UNIV PRESS INC.2005: A142
- **Lesions of the suprachiasmatic nucleus eliminate the daily rhythm of hypocretin-1 release** *SLEEP*  
Zhang, S. W., Zeitzer, J. M., Yoshida, Y., Wisor, J. P., Nishino, S., Edgar, D. M., Mignot, E.  
2004; 27 (4): 619-627
- **Locomotor-dependent and -independent components to hypocretin-1 (orexinA) regulation in sleep-wake consolidating monkeys** *JOURNAL OF PHYSIOLOGY-LONDON*  
Zeitzer, J. M., Buckmaster, C. L., Lyons, D. M., Mignot, E.  
2004; 557 (3): 1045-1053
- **Locomotor-dependent and -independent regulation of hypocretin-1 (Orexin A) in the squirrel monkey**  
Zeitzer, J., Buckmaster, C. L., Lyons, D. M., Mignot, E.  
OXFORD UNIV PRESS INC.2004: 25
- **Effect of suprachiasmatic nucleus lesions on rat cerebrospinal fluid hypocretin-1 regulation**  
Zhang, S., Zeitzer, J. M., Yoshida, Y., Wisor, J. P., Nishino, S., Edgar, D. M., Mignot, E.  
OXFORD UNIV PRESS INC.2004: 1
- **Diurnal variation of cerebrospinal fluid hypocretin-1 (orexin-A) levels in control and depressed subjects** *16th Annual Meeting of the Associated-Professional-Sleep-Societies*  
Salomon, R. M., Ripley, B., Kennedy, J. S., Johnson, B., Schmidt, D., Zeitzer, J. M., Nishino, S., Mignot, E.  
ELSEVIER SCIENCE INC.2003: 96-104
- **Hypocretin regulation in a primate model of human wake regulation**  
Zeitzer, J. M., Buckmaster, C. L., Lyons, D. M., Mignot, E.  
AMER ACADEMY SLEEP MEDICINE.2003: A23
- **Circadian and homeostatic regulation of hypocretin in a primate model: Implications for the consolidation of wakefulness** *JOURNAL OF NEUROSCIENCE*  
Zeitzer, J. M., Buckmaster, C. L., Parker, K. J., Hauck, C. M., Lyons, D. M., Mignot, E.  
2003; 23 (8): 3555-3560
- **Regional analyses of CNS microdialysate glucose and lactate in seizure patients** *EPILEPSIA*  
Cornford, E. M., Shamsa, K., Zeitzer, J. M., Enriquez, C. M., Wilson, C. L., Behnke, E. J., Fried, I., Engel, J.  
2002; 43 (11): 1360-1371
- **Ultradian sleep-cycle variation of serotonin in the human lateral ventricle** *NEUROLOGY*  
Zeitzer, J. M., Maidment, N. T., Behnke, E. J., Ackerson, L. C., Fried, I., Engel, J., Wilson, C. L.  
2002; 59 (8): 1272-1274
- **Diurnal variation of CSF hypocretin-1 (orexin A) levels in control and depressed subjects**  
Salomon, R. M., Ripley, B., Kennedy, J. S., Schmidt, D., Zeitzer, J., Nishino, S., Mignot, E.  
AMER ACAD SLEEP MEDICINE.2002: A12-A13
- **Peak of circadian melatonin rhythm occurs later within the sleep of older subjects** *AMERICAN JOURNAL OF PHYSIOLOGY- ENDOCRINOLOGY AND METABOLISM*

- Duffy, J. F., Zeitzer, J. M., Rimmer, D. W., Klerman, E. B., Dijk, D. J., Czeisler, C. A.  
2002; 282 (2): E297-E303
- **The role of hypocretins (orexins) in sleep regulation and narcolepsy** *ANNUAL REVIEW OF NEUROSCIENCE*  
Taheri, S., Zeitzer, J. M., Mignot, E.  
2002; 25: 283-313
  - **Absence of an increase in the duration of the circadian melatonin secretory episode in totally blind human subjects** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*  
Klerman, E. B., Zeitzer, J. M., Duffy, J. F., Khalsa, S. B., Czeisler, C. A.  
2001; 86 (7): 3166-3170
  - **Salivary melatonin as a phase marker in older subjects**  
Dineen, S. S., Duffy, J. F., Hall, E. F., Zeitzer, J. M., Polidori, P., Czeisler, C. A.  
AMER ACAD SLEEP MEDICINE.2001: A197
  - **Serotonin and dopamine in the human cortex and limbic system during a 40h sleep deprivation challenge**  
Zeitzer, J. M., Lopez-Rodriguez, F., Behnke, E., Ackerson, L. C., Fried, Engel, J., Wilson, C. L.  
AMER ACAD SLEEP MEDICINE.2001: A76
  - **Fluctuations in neurotransmitter concentrations in human brain dialysates during sleep or wakefulness, during epileptic seizures or following cognitive challenge** *9th International Conference on In Vivo Methods*  
Maidment, N. T., Fried, I., LOPEZ, F., Zeitzer, J. M., Behnke, E. B., Ackerson, L. C., Engel, J., Wilson, C. L.  
UNIV COLLEGE DUBLIN.2001: 160-161
  - **Dose-response relationship for light intensity and ocular and electroencephalographic correlates of human alertness** *BEHAVIOURAL BRAIN RESEARCH*  
Cajochen, C., Zeitzer, J. M., Czeisler, C. A., Dijk, D. J.  
2000; 115 (1): 75-83
  - **Plasma melatonin concentrations decline with age? Reply** *AMERICAN JOURNAL OF MEDICINE*  
Zeitzer, J. M., Duffy, J. F., Klerman, E. B., Shanahan, T. L., Dijk, D. J., Czeisler, C. A.  
2000; 109 (4): 345
  - **Sensitivity of the human circadian pacemaker to nocturnal light: melatonin phase resetting and suppression** *JOURNAL OF PHYSIOLOGY-LONDON*  
Zeitzer, J. M., Dijk, D. J., Kronauer, R. E., Brown, E. N., Czeisler, C. A.  
2000; 526 (3): 695-702
  - **Absence of detectable melatonin and preservation of cortisol and thyrotropin rhythms in tetraplegia** *JOURNAL OF CLINICAL ENDOCRINOLOGY & METABOLISM*  
Zeitzer, J. M., Ayas, N. T., Shea, S. A., Brown, R., Czeisler, C. A.  
2000; 85 (6): 2189-2196
  - **Do plasma melatonin concentrations decline with age?** *AMERICAN JOURNAL OF MEDICINE*  
Zeitzer, J. M., Daniels, J. E., Duffy, J. F., Klerman, E. B., Shanahan, T. L., Dijk, D. J., Czeisler, C. A.  
1999; 107 (5): 432-436
  - **Resetting the melatonin rhythm with light in humans** *JOURNAL OF BIOLOGICAL RHYTHMS*  
Shanahan, T. L., Zeitzer, J. M., Czeisler, C. A.  
1997; 12 (6): 556-567
  - **Photopic transduction implicated in human circadian entrainment** *NEUROSCIENCE LETTERS*  
Zeitzer, J. M., Kronauer, R. E., Czeisler, C. A.  
1997; 232 (3): 135-138
  - **Widespread expression of functional D-1-dopamine receptors in fetal rat brain** *DEVELOPMENTAL BRAIN RESEARCH*  
Shearman, L. P., Zeitzer, J., Weaver, D. R.  
1997; 102 (1): 105-115