



DAFTAR PUSTAKA

- Allison T, Siebern, Sooyeon S, *et al.*, 2016. Non- Pharmacological Treatment of Insomnia. The American Society for Experimental Neuro Therapeutic. 9:717-727.
- Anies. 2005. Penyakit Akibat Kerja. PT. Elex Media Komputindo. Jakarta.
- Antonius. 2017. Pengaruh Brain Gym Terhadap Tekanan Darah Pada Orang Dengan Hipertensi di Yogyakarta. Sekolah Tinggi Ilmu Kesehatan Bethesda Yakkum Yogyakarta.
- AOEC. 2007. Medical Management Guidelines for Lead-Exposed Adults. *Association of Occupational Environmental Clinics*. Washington DC.
- Arnedt, J, Rohsenow, D, Almeida A, *et al.*, 2011. Sleep Following Alcohol Intoxication in Healthy Young Adults: Effects of Sex and Family History of Alcoholism. *Alcohol Clin Exp*. 35:870–878.
- Arza & Lany. 2017. Hubungan Konsumsi Kafein Terhadap Kualitas Tidur dan Tekanan Darah Pada Karyawan Restoran Cepat Saji di Kota Padang. Fakultas Kedokteran. Universitas Andalas.
- Bastien, C, H, Vallières, A, Morin, C, M,. 2001. Validation Of the Insomnia Severity Index as An Outcome Measure for Insomnia Research. *Sleep Med*. 2:297-307.
- Bawazeer, N, AlSobahi, N., 2013. Prevalence And Side Effects of Energy Drink Consumption Among Medical Students at Umm Al-Qura University. Saudi Arabia. *International Journal of Medical Students*
- Bellakusuma, N, Purwoko, Y,. 2016. Pengaruh Senam Lansia Terhadap Kualitas Tidur Pada Lansia. *Jurnal Kedokteran Diponegoro*. 5 (4) : 42-46.
- Blais, F, Gendron, L, Mimeault, V, *et al.*, 1997. Assessment Of Insomnia: Validation Of Three Questionnaires. *Encephale*. 23:447-53.
- Brand, N, Kalak, M, Gerber, R, *et al.*, 2014. High Self-Perceived Exercise Exertion Before Bedtime Is Associated with Greater Objectively Assessed Sleep Efficiency. *Sleep Medicine*. 15(9):1031–1036.
- Buysse D. J., Ancoli-Israel S, Edinger, J, D, *et al.*, 2006. Recommendations For a Standard Research Assessment of Insomnia. *Sleep* 29:1155-73.
- Cahyono, K, H. 2014. Pengaruh Senam Lansia terhadap Kualitas Tidur pada Lansia di Desa Leyangan. Kecamatan Ungaran Timur. Kabupaten Semarang. *Jurnal Kesehatan Masyarakat*. 6 (4): 15-19.
- Calhoun, D, A. 2017. Sleep Disorders and Hypertension Risk. *Journal of Human Hypertension*. Nature Publishing Group. 31(6). 371–372.
- Chan, J, K, Trinder J, Colrain, I, M, *et al.*, 2015. The acute effects of alcohol on sleep electroencephalogram power spectra in late adolescence. *Alcohol Clin Exp*. 39:291–299.



- Chaudhary, N, Kampman, K, Kranzler, H, *et al.*, 2015. Insomnia In Alcohol Dependent Subjects Is Associated with Greater Psychosocial Problem Severity. *Addict Behav.* 50:165– 172.
- Chawla, J, Benbadis, S, R., Insomnia. Updated Februari 22. 2016. <http://emedicine.medscape.com/article/1187829-clinical#showall>. Accessed January 12, 2020.
- Cook, R. 2011. The Coffee Science Information Centre: Who We Are and What WeProvide. (<https://onlinelibrary.wiley.com/doi/pdf/10.1046/j.1467-3010.2001.00189.x>)
- Damayanti, D, R. 2011. Perbandingan Kejadian Insomnia pada Penderita Human Immunodeficiency Virus Berdasarkan Kategori Angka CD 4 Limfosit. Thesis. Program Pascasarjana Fakultas Kedokteran Universitas Gadjah Mada Yogyakarta.
- Dendy, S, Nahariani, P. 2014. Pengaruh Senam Ergonomis Terhadap Gangguan Tidur (Insomnia) Pada Lansia Di Panti Werdha Mojopahit Mojokerto. *Jurnal Kesehatan Masyarakat.* 4 (1) : 42-46.
- Dennison, P, E, Dennison, G, E., 2006. *Senam Otak (Brain Gym)*. Jakarta : PT. Grasindo.
- Dennison, P, E, & Dennison, G, E., 2009. Buku panduan Brain Gym. Jakarta. Grasindo.
- Dillman, R, Crumb, C, Lidsky, M,. 1979. Lead Poisoning from A Gunshot Wound. *Skeletal Radiology.* 24: 357–360.
- Drapeau, Bert, Robillard, *et al.*, 2006. Challenging Sleep in Aging: The Effects Of 200 Mg Of Caffeine During The Evening In Young And Middle-aged Moderate Caffeine Consumers. *J Sleep Res.* 15: 133-141.
- Dzierzewski, J, Buman, M, Roberts, B, *et al.*, 2014. Exercise and Sleep in Community-Dwelling Older Adults: Evidence for a Reciprocal Relationship. *US National Library of Medicine.* National Institute of Health. 23(1): 61-68.
- Edinger, J, Ruth, M, Wilson, S., 2001. Cognitive Behavioral Therapy for Treatment of Chronic Primary Insomnia. *Jamaica: American Medical Association Journal.* 3:45-56.
- Effendy E, Prasaty N, Utami N,. 2019. The Effects of Brain Gym on Quality of Sleep. Anxiety in Elderly at Nursing Home Care Case Medan. *Macedonian Journal of Medical Sciences.* 7(16):2595-2598
- EFSA. 2015. Scientific Opinion on the Safety of Caffeine. *EFSA Journal.* 13 (5):4102
- Erlacher, D. Erlacher, M, Schredl, M., 2015. The Effects of Exercise on Self-Rated Sleep Among Adults with Chronic Sleep Complaints. *Health Science.* 4(3): 289–298.
- Ersyanti, E, A, Setyopranoto, I, Setyaningrum,, C, T., 2018. Pengaruh Senam Otak Terhadap Perbaikan Kognitif Lansia Di Pakem Yogyakarta. Tesis: Universitas Gadjah Mada
- Febriandaru, D, Sutarni, S, Harahap, I, K., 2020. Korelasi Kadar Plumbum (Pb) Dalam Darah Dengan Status Kognitif Pekerja di Sentra Industri Batik Kepanewon Lendah Kabupaten Kulon Progo, Tesis: Universitas Gadjah Mada.



- Firmando. E., 2016. Hubungan Penggunaan Kafein Dengan Kualitas Tidur Pada Mahasiswa Fakultas Kedokteran Universitas Andalas Angkatan 2013. Fakultas Kedokteran. Universitas Andalas
- Gangwisch, J, E., 2006. Short Sleep Duration as A Risk Factor for Hypertension: Analyses of the first National Health and Nutrition Examination Survey', *Hypertension*.47(5).833–839.
- Ghaddafi, M. 2010. Tatalaksana Insomnia dengan Farmakologi atau Non-Farmakologi. *E-Jurnal Medika Udayana*. 4: 1–17.
- Goldfrank, L, R,. 2009. Goldfrank's Toxicologic Emergencies. London: Prentice-Hall Int. 4:627-635.
- Guyton, A, C, Hall, J E,. 2014. Buku Ajar Fisiologi Kedokteran. Edisi 12. Jakarta: EGC. 1022.
- Halson. 2014. Sleep in Elite Athletes and Nutritional Interventions to Enhance Sleep. *Sports Medicine*.44(1): S13– S23.
- Hocking, R. 2007. The Analysis Of Linear Models. Monterey, CA: Brooks/Cole.
- Iswari, Wahyuni. 2013. Melatonin Dan Melatonin Receptor Agonist Sebagai Penanganan Insomnia Primer Kronis. *E-Jurnal Medika Udayana*. 2(4):1- 14. [on line]. Dari: <http://ojs.unud.ac.id/index.php/eum/article/view/5116>. Accessed April 10, 2021.
- Jatmiko, S, R., 2013. Pengaruh Senam Otak Terhadap Tingkat Insomnia Pada Lansia Di Posyandu Lansia Desa Kalicupak Lor Kecamatan Kalibagor Kabupaten Banyumas. Skripsi. Universitas Muhammadiyah Purwokerto
- Jawahari, S. 2008. Sleep Quality and Elevated Blood Pressure in Adolescents', *Circulation*. 118. 1034–1040.
- Katzung, B. G., 2004. Buku Bantu Farmakologi. Fakultas Kedokteran Universitas Sriwijaya. EGC. 137. Jakarta.
- Kelompok Studi Gangguan Tidur. Panduan Tatalaksana Gangguan Tidur Edisi 1 Tahun 2014. Perhimpunan Dokter Spesialis Saraf Indonesia (PERDOSSI).
- Kuo-Liong, C & Pei-Chung, C. .2010. Habitual Sleep Duration and Insomnia and the Risk of Cardiovascular Events and All-cause Death: Report from a Community-Based Cohort Sleep. 33 (2):177–184
- Kredlow, 2015. The Effects of Physical Activity on Sleep: A Meta Analytic Review. *Journal of Behavioral Medicine*. 38(3): 427–449.
- Kurniawan, W. *Hubungan Kadar Pb dalam Darah dengan Profil Darah pada Mekanik Kendaraan Bermotor di Kota Pontianak*. [Tesis]. Program Pasca Sarjana Magister Kesehatan Lingkungan Universitas Diponegoro Semarang, [on line]. 2008. Dari: <http://eprints.undip.ac.id>. Accessed January 12, 2020.
- Lengkong, G, Sylvia, R, M, Herlina, I. S., 2017. Pengaruh Senam Bugar Lansia terhadap kebugaran jantung paru di Panti Werdha Bethania Lembean. *Jurnal e-Biomedik (eBm)*.4(2).
- LeBlanc, M, Beaulieu-Bonneau, S, Merette, C, et al., 2007. Psychological and Health-Related Quality of Life Factors Associated with Insomnia in A Population-Based Sample. *J Psychosom Res*. 63:157-66.
- Maas, M, Komalasari, R, Lusyana, A, et al., 2011. Asuhan Keperawatan Geriatrik. Jakarta: EGC.



- Markam, S, Mayza, A, Pujiastuti,, H, *et al.*, 2005. *Latihan Vitalitas Otak*. Jakarta: Grasindo.
- Matthews, K. 2015 Sleep and risk for high blood pressure and hypertension in midlife women: the SWAN (Study of Women's Health across the Nation) Sleep Study'.Elsevier. 15(2):203–208.
<https://doi.org/10.1016/j.sleep.2013.11.002>.
- Melancon M, O, Lorrain, D, Dionne, I, *et al.*, 2014. Exercise And Sleep In Aging: Emphasis On Serotonin. Pathologoie Biologie. 62:276-83.
- Mendelson, Borowik, Michallet, *et al.*, 2016. Sleep Quality, Sleep Duration and Physical Activity in Obese Adolescents: Effects of Exercise Training. *Pediatric Obesity*. 11(1):26–32.
- Miyata, S, Noda, A, Ito, N, *et al.*, 2004. REM Sleep Is Impaired by A Small Amount of Alcohol in Young Women Sensitive to Alcohol. *Intern Med* 43:679–684.
- Morin, C, M, Espie, C, A. 2004. Insomnia A Clinical Guide to Assesment and Treatment. Academic / Plenum Publiseher. 34(5): 601–608.
- Muljadi. 2009. Efisiensi Instalasi Pengolahan Limbah Cair Industri Batik Cetak Dengan Metode Fisika-Kimia dan Biologi Terhadap Penurunan Parameter Pencemar (BOD, COD, dan Logam Berat Kromium (Cr) Studi Kasus di Desa Butulan Makam Haji Sukoharjo. *Jurnal Ekuilibrium*. 8:7-16.
- National Academies of Sciences, Engineering, and Medicine, 2016. Commercial Motor Vehicle Driver Fatigue, Long-Term Health, and Highway Safety: Research Needs. *National Academies Press*. Washington. DC. USA.
- National Research Council Committee on Measuring Lead in Critical Populations. 2009. *Measuring Lead Exposure in Infants*. Children An Other Sensitive Populations. Washington: National Academy Press. 31-98.
- Nurainun, Rasyimah, Heriyana., 2008. Analisis Batik Indonesia. *Fokus Ekonomi*. 7 (3).
- Oktaviana, S, S. 2018. Hubungan Merokok Dengan Terjadinya Insomnia Pada Lansia di Panti Sosial Tresna Werdha Bm 2 Jakarta Barat. Thesis, Universitas Tarumanagara.
- Padilha, 2011. Homeopathic Plumbum Metallicum for Lead Poisoning: A Randomized Clinical Trial. *Department of Medicine at the Federal University of Sao Carlos (UFSCar)*. Sao Paulo. Brazil. 116-121.
- Paruthi, L, J, Brooks, C, D'Ambrosio, *et al.*, 2016. Recommended Of Sleep for Pediatric Populations: A Consensus State Ment of The American Academy of Sleep Medicine. *Journal of Clinical Sleep Medicine*. 12(6):785–786.
- Petit, H. 2015. Glycogen Metabolism and The Homeostatic Regulation of Sleep. *Metabolic Brain Disease*. 30(1): 263–279.
- Praghlapati, A, Oktapiani, S, Widianti, F., 2016. Pengaruh Brain Gym Terhadap Tingkat Depresi Pada Lansia Di Balai Perlindungan Sosial Tresna Werdha Ciparay Bandung. *Jurnal Kesehatan Masyarakat*. 3 (1): 12-16.
- Raissa, U, F. 2015. Pengaruh Senam Otak Terhadap Lansia Dengan Gangguan Insomnia Di Panti Tresna Werdha Natar Lampung Selatan. Skripsi: Kedokteran Universitas Lampung Bandar Lampung.



- Rafknowledge. 2014. Insomnia dan Gangguan Tidur. Elex Media Komputindo. Jakarta
- Rohana, S. 2011. Senam Vitalitas Otak Lebih Meningkatkan Fungsi Kognitif Kelompok Lansia Daripada Senam Lansia DI Balai Perlindungan Sosial Provinsi Banten. *Jurnal Fisioterapi*: 15-35.
- Roepke, S, K, Ancoli, S. 2010. Sleep Disorders in the Elderly. *Indian J Med Res*, 302-310
- Sateia, M, J, Doghramji, K, Hauri, P, J, Morin, C, M. 2000. Evaluation Of Chronic Insomnia. *An American Academy of Sleep Medicine*. *Sleep Med*. 23:243-308.
- Savard MH, Savard J, Simard S, Ivers H. 2005. Empirical Validation of The Insom. *Psycho-Oncology*. 14: 429–441.
- Siddarth, P, Siddarth, H, Lavretsky., 2014. An Observational Study of The Health Benefits of Brain Gym Compared with Aerobic Exercise in Community-Dwelling Middle-Aged and Older Adults. *American Journal of Geriatric Psychiatry*. 22(3): 272–273.
- Sohat, F. 2014. Hubungan Tingkat Kecemasan Dengan Insomnia Pada Lansia Di Balai Penyantunan Lanjut Usia Senja Cerah Paniki Kecamatan Mapanget Manado. Skripsi. Fakultas Kedokteran Universitas Sam Ratulangi. Manado.
- Spaulding, L, S, Mostert, M, P, Beam, A, P. 2010. Is Brain Gym an Effective Educational Intervention? Exceptionality. 18(1): 18-30. doi:10.1080/09362830903462508
- Suksmerri. 2008. Dampak Pencemaran Logam Timah Hitam (Pb) Terhadap Kesehatan. *Jurnal Kesehatan Masyarakat II*.
- Sustyani, Indriati, Supriyadi. 2017. Hubungan Antara Depresi Dengan Kejadian Insomnia Pada Lanjut Usia di Panti Werdha Harapan Ibu Semarang. *Jurnal Kesehatan Masyarakat*. 5: 102-105.
- Swanenghyun, G. 2015. Validitas dan Reliabilitas Alat Ukur Insomnia Severity Index Versi Indonesia (ISI- INA) Pada Remaja Jalanan di Yogyakarta. Skripsi: Universitas Gadjah Mada.
- Tsou, M, T. 2013. Prevalence and Risk Factors for Insomnia in Community-dwelling Elderly in Northern Taiwan. *Journal of Clinical Gerontology & Geriatrics*. 75- 79.
- University Of Maryland Medical Center. 2013. Insomnia. <http://umm.edu/health/medical/reports/articles/insomnia>
- Watson, Badr, Belenky, *et al.*, 2015. Joint Consensus Statement of The American Academy of Sleep Medicine and Sleep Research Society on The Recommended Amount of Sleep for A Healthy Adult. *Methodology And Discussion Sleep*. 38(8):1161–1183.
- Wennman, E, Kronholm, T, Partonen *et al.*, 2014. Physical Activity and Sleep Profiles in Finnish Men and Women. *BMC Public Health*. 14:82.
- Williams, V, L, Farmer, B, J, Taylor, *et al.*, 2014. Do More Active Children Sleep More? A Repeated Cross-Sectional Analysis Using Accelerometry. *PLoS ONE*. 9(4): 93-117.



- Wulansari, Mustain, M, Ismiriyam, F, V. 2019. Pengaruh Terapi Beapreasi (Kombinasi Senam Otak Dengan Relaksasi Benson) Terhadap Kualitas Tidur Pada Lanjut Usia Dengan Insomnia. *Jurnal Perawat Indonesia*. 3 (1): 8 – 15
- Yamanaka, Hashimoto, N, Takasu, *et al.*, 2015. Morning And Evening Physical Exercise Differentially Regulate the Autonomic Nervous System During Nocturnal Sleep in Humans. *American Journal of Physiology—Regulatory Integrative and Comparative Physiology*. 309(9): R1112–R1121.