

References

- Aalaa, M., Sanjari, M., Tootee, A., Mirzabeigi, G., & Salemi, S. (2012). Assessment of quality of life of Iranian nurses. *Nursing Reports*, 2(1), 10.
- Abraham, A. K., & D'silva, F. (2013). Job satisfaction, burnout and quality of life of nurses from mangalore. *Journal of Health Management*, 15(1), 91-97.
- Adhana, R., Agarwal, M., Gupta, R., & Dvivedi, J. (2016). Effect of slow breathing training on heart rate, spontaneous respiratory rate and pattern of breathing. *International Journal of Research in Medical Sciences*, 4(4), 1027-1030.
- AHA. (2017). Target Heart Rates. Retrieved from http://www.heart.org/HEARTORG/HealthyLiving/PhysicalActivity/Target-Heart-Rates_UCM_434341_Article.jsp#.WV_NQtHhXIV
- Aiken, L. H., Clarke, S. P., Sloane, D. M., Sochalski, J., & Silber, J. H. (2002). Hospital nurse staffing and patient mortality, nurse burnout, and job dissatisfaction. *Jama*, 288(16), 1987-1993.
- Aiken, L. H., Clarke, S. P., Sloane, D. M., Sochalski, J. A., Busse, R., Clarke, H., . . . Shamian, J. (2001). Nurses' reports on hospital care in five countries. *Health Affairs*, 20(3), 43-53.
- Al-Turki, H. A., Al-Turki, R. A., Al-Dardas, H. A., Al-Gazal, M. R., Al-Maghrabi, G. H., Al-Enizi, N. H., & Ghareeb, B. A. (2010). Burnout syndrome among multinational nurses working in Saudi Arabia. *Annals of African Medicine*, 9(4).
- Alvarsson, J. J., Wiens, S., & Nilsson, M. E. (2010). Stress recovery during exposure to nature sound and environmental noise. *International journal of environmental research and public health*, 7(3), 1036-1046.

- Ayala, E., & Carnero, A. M. (2013). Determinants of burnout in acute and critical care military nursing personnel: a cross-sectional study from Peru. *PloS one*, 8(1), e54408.
- Azeem, S. M., Nazir, N. A., Zaidi, Z. B. A., & Akhtar, N. (2014). Role of stress and burnout among nurses in the private hospitals. *International Journal of Academic Research in Business and Social Sciences*, 4(3), 420.
- Baker, L. M., & Taylor, W. M. (1954). The relationship under stress between changes in skin temperature, electrical skin resistance, and pulse rate. *J Exp Psychol*, 48(5), 361-366.
- Bakker, A. B., Le Blanc, P. M., & Schaufeli, W. B. (2005). Burnout contagion among intensive care nurses. *Journal of advanced nursing*, 51(3), 276-287.
- Bampi, L. N. d. S., Baraldi, S., Guilhem, D., Pompeu, R. B., & Campos, A. C. d. O. (2013). Nurse undergraduate students' perception of quality of life. *Revista Gaúcha de Enfermagem*, 34(2), 125-132.
- Baro, E. E. (2012). Job rotation program evaluation: the Niger Delta University library. Paper presented at the Aslib Proceedings.
- Bini, G., Hagbarth, K., Hynninen, P., & Wallin, B. (1980). Regional similarities and differences in thermoregulatory vaso-and sudomotor tone. *The journal of physiology*, 306(1), 553-565.
- Blau, G., Surges Tatum, D., & Ward-Cook, K. (2003). Correlates of work exhaustion for medical technologists. *Journal of allied health*, 32(3), 148-157.
- Boucsein, W. (2012). *Electrodermal Activity*, © Springer Science+ Business Media.
- Broek, EL vd, Schut, MH, Westerink, JHDM, Herk, J. v., & Tuinenbreijer, K.

- Bruning, N. S., & Frew, D. R. (1987). Effects of exercise, relaxation, and management skills training on physiological stress indicators: A field experiment. *Journal of Applied psychology*, 72(4), 515-521.
- Busch-Vishniac, I. J., West, J. E., Barnhill, C., Hunter, T., Orellana, D., & Chivukula, R. (2005). Noise levels in Johns Hopkins hospital. *The Journal of the Acoustical Society of America*, 118(6), 3629-3645.
- Cañadas-De la Fuente, G. A., Vargas, C., San Luis, C., García, I., Cañadas, G. R., & Emilia, I. (2015). Risk factors and prevalence of burnout syndrome in the nursing profession. *International Journal of Nursing Studies*, 52(1), 240-249.
- Cannon, W. B. (1929). Bodily changes in pain, hunger, fear and rage.
- Cheng, F., Meng, A.-f., & Jin, T. (2015). Correlation between burnout and professional value in Chinese oncology nurses: A questionnaire survey. *International Journal of Nursing Sciences*, 2(2), 153-157.
- Chiu, M.-C., Wang, M.-J. J., Lu, C.-W., Pan, S.-M., Kumashiro, M., & Ilmarinen, J. (2007). Evaluating work ability and quality of life for clinical nurses in Taiwan. *Nursing outlook*, 55(6), 318-326.
- Cimete, G., Gencalp, N. S., & Keskin, G. (2003). Quality of life and job satisfaction of nurses. *Journal of Nursing Care Quality*, 18(2), 151-158.
- Cimiotti, J. P., Aiken, L. H., Sloane, D. M., & Wu, E. S. (2012). Nurse staffing, burnout, and health care-associated infection. *American journal of infection control*, 40(6), 486-490.
- Civitello, D., Finn, D., Flood, M., Salievski, E., Schwarz, M., & Storck, Z. How do physiological responses such as respiratory frequency, heart rate, and galvanic skin response (GSR) change under emotional stress?

- Clegg, A. (2001). Occupational stress in nursing: a review of the literature. *Journal of nursing management*, 9(2), 101-106.
- Collins, K. (1989). Sweat glands: eccrine and apocrine *Pharmacology of the Skin I* (pp. 193-212): Springer.
- Conway, D., Dick, I., Li, Z., Wang, Y., & Chen, F. (2013). The effect of stress on cognitive load measurement. Paper presented at the IFIP Conference on Human-Computer Interaction.
- Coomber, B., & Barriball, K. L. (2007). Impact of job satisfaction components on intent to leave and turnover for hospital-based nurses: a review of the research literature. *International Journal of Nursing Studies*, 44(2), 297-314.
- Cristini, A., & Pozzoli, D. (2010). Workplace practices and firm performance in manufacturing: A comparative study of Italy and Britain. *International Journal of Manpower*, 31(7), 818-842.
- Critchley, H. D. (2002). Electrodermal responses: what happens in the brain. *The Neuroscientist*, 8(2), 132-142.
- Cruz, J. P. (2017). Quality of life and its influence on clinical competence among nurses: a self-reported study. *Journal of clinical nursing*, 26(3-4), 388-399.
- Divinakumar, K., Pookala, S. B., & Das, R. C. (2017). Perceived stress, psychological well-being and burnout among female nurses working in government hospitals. *International Journal of Research in Medical Sciences*, 2(4), 1511-1515.
- Edelwich, J., & Brodsky, A. (1980). *Burn-out: Stages of disillusionment in the helping professions* (Vol. 1): Human Sciences Press New York.
- Ekman, P. (1993). Facial expression and emotion. *American psychologist*, 48(4), 384.

- Embriaco, N., Azoulay, E., Barrau, K., Kentish, N., Pochard, F., Loundou, A., & Papazian, L. (2007a). High level of burnout in intensivists: prevalence and associated factors. *American journal of respiratory and critical care medicine*, 175(7), 686-692.
- Embriaco, N., Papazian, L., Kentish-Barnes, N., Pochard, F., & Azoulay, E. (2007). Burnout syndrome among critical care healthcare workers. *Current opinion in critical care*, 13(5), 482-488.
- Escot, C., Artero, S., Gandubert, C., Boulenger, J., & Ritchie, K. (2001). Stress levels in nursing staff working in oncology. *Stress and Health*, 17(5), 273-279.
- Essay, H. (2017). Effects of stress on police officers essay. Retrieved from <http://heavyessayzv.cf/effects-of-stress-on-police-officers-essay>
- Farquharson, B., Bell, C., Johnston, D., Jones, M., Schofield, P., Allan, J., . . . Johnston, M. (2013). Nursing stress and patient care: real-time investigation of the effect of nursing tasks and demands on psychological stress, physiological stress, and job performance: study protocol. *Journal of advanced nursing*, 69(10), 2327-2335.
- Felton, J. (1998). Burnout as a clinical entity—its importance in health care workers. *Occupational medicine*, 48(4), 237-250.
- Freudenberger, H. J. (1974). Staff Burn-Out. *Journal of Social Issues*, 30(1), 159-165. doi:10.1111/j.1540-4560.1974.tb00706.x
- Gandhi, S., Sangeetha, G., Ahmed, N., & Chaturvedi, S. (2014). Somatic symptoms, perceived stress and perceived job satisfaction among nurses working in an Indian psychiatric hospital. *Asian journal of psychiatry*, 12, 77-81.

- Garcia, A., Uribe, C. E., Tavares, M. C. H., & Tomaz, C. (2011). EEG and autonomic responses during performance of matching and non-matching to sample working memory tasks with emotional content. *Frontiers in behavioral neuroscience*, 5.
- Garrett, D. K., & McDaniel, A. M. (2001). A new look at nurse burnout: the effects of environmental uncertainty and social climate. *Journal of nursing Administration*, 31(2), 91-96.
- Gholami, A., Jahromi, L. M., Zarei, E., & Dehghan, A. (2013). Application of WHOQOL-BREF in measuring quality of life in health-care staff. *International journal of preventive medicine*, 4(7), 809.
- Gillespie, M., & Melby, V. (2003). Burnout among nursing staff in accident and emergency and acute medicine: a comparative study. *Journal of clinical nursing*, 12(6), 842-851.
- Gosseries, O., Demertzi, A., Ledoux, D., Bruno, M.-A., Vanhaudenhuyse, A., Thibaut, A., . . . Schnakers, C. (2012). Burnout in healthcare workers managing chronic patients with disorders of consciousness. *Brain Injury*, 26(12), 1493-1499.
- Gray-Toft, P., & Anderson, J. G. (1981). The nursing stress scale: development of an instrument. *Journal of behavioral assessment*, 3(1), 11-23.
- Hamaideh, S. H. (2011). Occupational stress, social support, and quality of life among Jordanian mental health nurses. *Issues in mental health nursing*, 33(1), 15-23.
- Hamaideh, S. H., Mrayyan, M. T., Mudallal, R., Faouri, I. G., & Khasawneh, N. A. (2008). Jordanian nurses' job stressors and social support. *International Nursing Review*, 55(1), 40-47.

- Harper, K., & McCully, C. (2007). Acuity systems dialogue and patient classification system essentials. *Nursing administration quarterly*, 31(4), 284-299.
- Healey, J. (2014). Physiological sensing of emotion. *The Oxford handbook of affective computing*, 204-216.
- HemmatiMaslakpak, M., Farhadi, M., & Fereidoni, J. (2016). The effect of neuro-linguistic programming on occupational stress in critical care nurses. *Iranian journal of nursing and midwifery research*, 21(1), 38.
- Henry, J. P., Stephens, P. M., & Santisteban, G. A. (1975). A model of psychosocial hypertension showing reversibility and progression of cardiovascular complications. *Circulation Research*, 36(1), 156-164.
- Hjortskov, N., Rissén, D., Blangsted, A. K., Fallentin, N., Lundberg, U., & Søgaard, K. (2004). The effect of mental stress on heart rate variability and blood pressure during computer work. *European journal of applied physiology*, 92(1-2), 84-89.
- Ho, W.-H., Chang, C. S., Shih, Y.-L., & Liang, R.-D. (2009). Effects of job rotation and role stress among nurses on job satisfaction and organizational commitment. *BMC health services research*, 9(1), 8.
- Humaida, I. A. I. (2012). Relationship between stress and psychosomatic complaints among nurses in Tabarjal Hospital. *Open Journal of Medical Psychology*, 1(03), 15.
- IsHak, W., Nikraves, R., Lederer, S., Perry, R., Ogunyemi, D., & Bernstein, C. (2013). Burnout in medical students: a systematic review. *The clinical teacher*, 10(4), 242-245.

- Jacobs, S. C., Friedman, R., Parker, J. D., Tofler, G. H., Jimenez, A. H., Muller, J. E., . . . Stone, P. H. (1994). Use of skin conductance changes during mental stress testing as an index of autonomic arousal in cardiovascular research. *American heart journal*, 128(6), 1170-1177.
- Jathanna, P. N., & D'Silva, J. (2014). Quality of life among nurses working in different health care setting in the state of Karnataka, India. *CHRISMED Journal of Health and Research*, 1(4), 241.
- Jayanthi, A., Nivedha, R., & Vani, C. (2015). 'GALVANIC SKIN RESPONSE MEASUREMENT AND ANALYSIS'. *International Journal of Applied Engineering Research*, 10(16), 12447-12452.
- Jennings, B. M. (2008). Work stress and burnout among nurses: Role of the work environment and working conditions.
- Jerng, J.-S., Huang, S.-F., Liang, H.-W., Chen, L.-C., Lin, C.-K., Huang, H.-F., . . . Sun, J.-S. (2017). Workplace interpersonal conflicts among the healthcare workers: Retrospective exploration from the institutional incident reporting system of a university-affiliated medical center. *PloS one*, 12(2), e0171696.
- Johnston, D., Bell, C., Jones, M., Farquharson, B., Allan, J., Schofield, P., . . . Johnston, M. (2016). Stressors, appraisal of stressors, experienced stress and cardiac response: a real-time, real-life investigation of work stress in nurses. *Annals of Behavioral Medicine*, 50(2), 187-197.
- Johnston, D. W., & Anastasiades, P. (1990). The relationship between heart rate and mood in real life. *Journal of psychosomatic research*, 34(1), 21-27.

- Jose, T. T., & Bhat, S. M. (2014). A descriptive study on quality of life of nurses working in selected hospitals of Udupi and Mangalore districts Karnataka, India. *Nitte University Journal of Health Science*, 4(2), 4.
- Joshi, R., Reingold, A. L., Menzies, D., & Pai, M. (2006). Tuberculosis among health-care workers in low-and middle-income countries: a systematic review. *PLoS medicine*, 3(12), e494.
- Kalimo, R., El Batawi, M. A., & Cooper, C. L. (1987). Psychosocial factors at work and their relation to health.
- Kalliath, T., & Morris, R. (2002). Job satisfaction among nurses: a predictor of burnout levels. *Journal of nursing Administration*, 32(12), 648-654.
- Kamarck, T. W., Shiffman, S. M., Smithline, L., Goodie, J. L., Paty, J. A., Gnys, M., & Jong, J. Y.-K. (1998). Effects of task strain, social conflict, and emotional activation on ambulatory cardiovascular activity: Daily life consequences of recurring stress in a multiethnic adult sample. *Health Psychology*, 17(1), 17.
- Kanawaty, G. (1981). *Managing and developing new forms of work organisation* (Vol. 16): International Labour Organization.
- Kane, P. P. (2009). Stress causing psychosomatic illness among nurses. *Indian Journal of occupational and environmental medicine*, 13(1), 28.
- Karthikeyan, P., Murugappan, M., & Yaacob, S. (2012). Descriptive analysis of skin temperature variability of sympathetic nervous system activity in stress. *Journal of Physical Therapy Science*, 24(12), 1341-1344.
- Kawachi, I., Colditz, G. A., Stampfer, M. J., Willett, W. C., Manson, J. E., Speizer, F. E., & Hennekens, C. H. (1995). Prospective study of shift work and risk of coronary heart disease in women. *Circulation*, 92(11), 3178-3182.

- Kelleci, M., Gölbaş1, Z., Dođan, S., Ata, E. E., & Koçak, E. (2011). The relationship of job satisfaction and burnout level with quality of life in hospital nurses. *Cumhuriyet Medical Journal*, 33(2), 144-152.
- Kelly, D., Kutney-Lee, A., Lake, E. T., & Aiken, L. H. (2013). The critical care work environment and nurse-reported health care–associated infections. *American journal of critical care*, 22(6), 482-488.
- Khademi, G., Roudi, M., Farhat, A. S., & Shahabian, M. (2011). Noise pollution in intensive care units and emergency wards. *Iranian journal of otorhinolaryngology*, 23(65), 141.
- Khairwal, R., Singh, T., Tripathy, J. P., Mor, S., Munjal, S., Patro, B., & Panda, N. (2016). Assessment of noise pollution in and around a sensitive zone in North India and its non-auditory impacts. *Science of The Total Environment*, 566, 981-987.
- Khamisa, N., Peltzer, K., & Oldenburg, B. (2013). Burnout in relation to specific contributing factors and health outcomes among nurses: a systematic review. *International journal of environmental research and public health*, 10(6), 2214-2240.
- Kidd, M., Kimberly Grove, B., Melissa Kaiser, B., Swoboda, B., & Taylor, A. (2014). A new patient-acuity tool promotes equitable nurse-patient assignments. *American Nurse Today*, 9(3), 1-4.
- Klassen, C. G. (2013). *Job Stress and Turnover among Registered Nurses In Acute Care: A Regression Analysis*. TRINITY WESTERN UNIVERSITY.

- Kohn, M. L., & Schooler, C. (1978). The reciprocal effects of the substantive complexity of work and intellectual flexibility: A longitudinal assessment. *American Journal of sociology*, 84(1), 24-52.
- Laschinger, H., & Montgomery, A. (2014). Burnout and healthcare—editorial. *Burnout Research*, 1(2), 57-58.
- Laschinger, H. K. S., Finegan, J., Shamian, J., & Wilk, P. (2003). Workplace empowerment as a predictor of nurse burnout in restructured healthcare settings. *Healthcare Quarterly*, 6(4).
- Lavery, J., & Patrick, K. (2007). Burnout in nursing. *Australian Journal of Advanced Nursing*, 24(3), 43.
- Lazarus, R. S., & Launier, R. (1978). Stress-related transactions between person and environment *Perspectives in interactional psychology* (pp. 287-327): Springer.
- Lee, R. T., & Ashforth, B. E. (1993). A further examination of managerial burnout: Toward an integrated model. *Journal of organizational behavior*, 14(1), 3-20.
- Lee, V., & Henderson, M. C. (1996). Occupational stress and organizational commitment in nurse administrators. *Journal of nursing Administration*, 26(5), 21-28.
- Levenson, J. L. (2007). *Essentials of psychosomatic medicine*: American Psychiatric Pub.
- Levi, L. (1972). *Stress and Distress in Response to Psychological Stimuli: Laboratory and Real-life Studies on Sympatho-adrenomedullary and Related Reactions*: Pergamon Press.
- Levi, L. (1981). *Preventing work stress*: Addison Wesley Pub. Co.

- Li, L., Ruan, H., & Yuan, W.-J. (2015). The relationship between social support and burnout among ICU nurses in Shanghai: A cross-sectional study. *Chinese Nursing Research*, 2(2), 45-50.
- Lin, F., St John, W., & Mcveigh, C. (2009). Burnout among hospital nurses in China. *Journal of nursing management*, 17(3), 294-301.
- Long, N. C., Vander, A. J., & Kluger, M. J. (1990). Stress-induced rise of body temperature in rats is the same in warm and cool environments. *Physiol Behav*, 47(4), 773-775.
- Marks, A., Vianna, D. M., & Carrive, P. (2009). Nonshivering thermogenesis without interscapular brown adipose tissue involvement during conditioned fear in the rat. *American Journal of Physiology-Regulatory, Integrative and Comparative Physiology*, 296(4), R1239-R1247.
- Martin, A. J. (2005). The role of positive psychology in enhancing satisfaction, motivation, and productivity in the workplace. *Journal of Organizational Behavior Management*, 24(1-2), 113-133.
- Maslach, C. (1982). *Burnout: The cost of caring: ISHK*.
- Maslach, C., & Jackson, S. E. (1981). The measurement of experienced burnout. *Journal of organizational behavior*, 2(2), 99-113.
- Maslach, C., Jackson, S. E., & Leiter, M. P. (1981, Revised 2013). *Maslach Burnout Inventory Manual*. (3 ed.): mindgarden.com.
- Maslach, C., Jackson, S. E., & Leiter, M. P. (January 1997). *The Maslach Burnout Inventory Manual* (3 ed.): CPP.
- Maslachi, C., Jackson, S. E., & Leiter, M. P. (1996). *MBI Maslach Burnout Inventory: CPP, Incorporated*.

- McHugh, M. D., Kutney-Lee, A., Cimiotti, J. P., Sloane, D. M., & Aiken, L. H. (2011). Nurses' widespread job dissatisfaction, burnout, and frustration with health benefits signal problems for patient care. *Health Affairs*, 30(2), 202-210.
- McHugh, M. D., & Ma, C. (2014). Wage, work environment, and staffing: effects on nurse outcomes. *Policy, Politics, & Nursing Practice*, 15(3-4), 72-80.
- McVicar, A. (2003). Workplace stress in nursing: a literature review. *Journal of advanced nursing*, 44(6), 633-642.
- Meltzer, L. S., & Huckabay, L. M. (2004). Critical care nurses' perceptions of futile care and its effect on burnout. *American journal of critical care*, 13(3), 202-208.
- Menzies, I. E. P. (1960). Nurses under Stress. . *International Nursing Review*, 7, 6-16.
- Milosevic, M., Golubic, R., Knezevic, B., Golubic, K., Bubas, M., & Mustajbegovic, J. (2011). Work ability as a major determinant of clinical nurses' quality of life. *Journal of clinical nursing*, 20(19-20), 2931-2938.
- Milosevic, M., Jovanov, E., Frith, K. H., Vincent, J., & Zaluzec, E. (2012). Preliminary analysis of physiological changes of nursing students during training. Paper presented at the Engineering in Medicine and Biology Society (EMBC), 2012 Annual International Conference of the IEEE.
- Milutinović, D., Golubović, B., Brkić, N., & Prokeš, B. (2012). Professional stress and health among critical care nurses in Serbia. *Archives of Industrial Hygiene and Toxicology*, 63(2), 171-180.
- Moghaddasi, J., Mehralian, H., Aslani, Y., Masoodi, R., & Amiri, M. (2013). Burnout among nurses working in medical and educational centers in Shahrekord, Iran. *Iranian journal of nursing and midwifery research*, 18(4), 294.

- Moola, S., Ehlers, V. J., & Hattingh, S. (2008). Critical care nurses' perceptions of stress and stress-related situations in the workplace. *Curationis*, 31(2), 74-83.
- Morrison, W. E., Haas, E. C., Shaffner, D. H., Garrett, E. S., & Fackler, J. C. (2003). Noise, stress, and annoyance in a pediatric intensive care unit. *Critical care medicine*, 31(1), 113-119.
- Myhren, H., Ekeberg, Ø., & Stokland, O. (2013). Job satisfaction and burnout among intensive care unit nurses and physicians. *Critical care research and practice*, 2013.
- Neff, D. F., Cimiotti, J. P., Heusinger, A. S., & Aiken, L. H. (2011). Nurse reports from the frontlines: analysis of a statewide nurse survey. Paper presented at the Nursing forum.
- OGAWA, T. (1975). Thermal influence on palmar sweating and mental influence on generalized sweating in man. *The Japanese journal of physiology*, 25(4), 525-536.
- Oka, T., Oka, K., & Hori, T. (2001). Mechanisms and mediators of psychological stress-induced rise in core temperature. *Psychosomatic medicine*, 63(3), 476-486.
- Olson, T. J. P., Brasel, K. J., Redmann, A. J., Alexander, G. C., & Schwarze, M. L. (2013). Surgeon-reported conflict with intensivists about postoperative goals of care. *JAMA surgery*, 148(1), 29-35.
- Ozden, D., Karagözoğlu, Ş., & Yıldırım, G. (2013). Intensive care nurses' perception of futility: job satisfaction and burnout dimensions. *Nursing Ethics*, 20(4), 436-447.

- Painter, J., Akroyd, D., Elliot, S., & Adams, R. D. (2003). Burnout among occupational therapists. *Occupational Therapy in Health Care*, 17(1), 63-78.
- Paschoa, S., Zanei, S. S. V., & Whitaker, I. Y. (2007). Quality of life among nursing assistants and licensed practical nurses from intensive care units. *Acta Paulista de Enfermagem*, 20(3), 305-310.
- Perala, C. H., & Sterling, B. S. (2007). Galvanic skin response as a measure of soldier stress. Retrieved from
- Peters, M. L., Godaert, G. L., Ballieux, R. E., van Vliet, M., Willemsen, J. J., Sweep, F. C., & Heijnen, C. J. (1998). Cardiovascular and endocrine responses to experimental stress: effects of mental effort and controllability. *Psychoneuroendocrinology*, 23(1), 1-17.
- Philippot, P., Baeyens, C., & Douilliez, C. (2006). Specifying emotional information: Regulation of emotional intensity via executive processes. *Emotion*, 6(4), 560.
- Polit D F, e. a. (2004). *Nursing Research: Principles and methods*. (P. L. W. wilkins Ed. 7th ed.).
- Preto, V. A., & Pedrão, L. J. (2009). Stress among nurses who work at the intensive care unit. *Revista da Escola de Enfermagem da USP*, 43(4), 841-848.
- Quick, J. C. E., & Tetrick, L. E. (2003). *Handbook of occupational health psychology*: American Psychological Association.
- Rada, R. E., & Johnson-Leong, C. (2004). Stress, burnout, anxiety and depression among dentists. *The Journal of the American Dental Association*, 135(6), 788-794.

- Raja Lexshimi, R., Tahir, S., Santhna, L., & Md Nizam, J. (2007). Prevalence of stress and coping mechanism among staff nurses in the intensive care unit. *Med Health*, 2(2), 146-153.
- Rennie, K. L., Hemingway, H., Kumari, M., Brunner, E., Malik, M., & Marmot, M. (2003). Effects of moderate and vigorous physical activity on heart rate variability in a British study of civil servants. *American Journal of Epidemiology*, 158(2), 135-143.
- Rios, K. A., Barbosa, D. A., & Belasco, A. G. S. (2010). Evaluation of quality of life and depression in nursing technicians and nursing assistants. *Revista latino-americana de enfermagem*, 18(3), 413-420.
- Rissen, D., Melin, B., Sandsjö, L., Dohns, I., & Lundberg, U. (2000). Surface EMG and psychophysiological stress reactions in women during repetitive work. *European journal of applied physiology*, 83(2-3), 215-222.
- Ruotsalainen, J. H., Verbeek, J. H., Mariné, A., & Serra, C. (2016). Preventing occupational stress in healthcare workers. *Sao Paulo Medical Journal*, 134(1), 92-92.
- Saini, R., Kaur, S., & Das, K. (2011). Assessment of stress and burnout among intensive care nurses at a tertiary care hospital. *J Men Health Hum Beh*, 16(1), 43-48.
- Schaufeli, W. B., Bakker, A. B., Hoogduin, K., Schaap, C., & Kladler, A. (2001). On the clinical validity of the Maslach Burnout Inventory and the Burnout Measure. *Psychology & health*, 16(5), 565-582.

- Schneiderman, N., Ironson, G., & Siegel, S. D. (2005). Stress and health: psychological, behavioral, and biological determinants. *Annu. Rev. Clin. Psychol.*, 1, 607-628.
- Schnell, I., Potchter, O., Epstein, Y., Yaakov, Y., Hermesh, H., Brenner, S., & Tirosh, E. (2013). The effects of exposure to environmental factors on heart rate variability: An ecological perspective. *Environmental pollution*, 183, 7-13.
- Selye, H. (1950). Stress and the general adaptation syndrome. *British medical journal*, 1(4667), 1383.
- Selye, H. (1956). *The stress of life*.
- Selye, H. (1970). The evolution of the stress concept: Stress and cardiovascular disease. *The American journal of cardiology*, 26(3), 289-299.
- Selye, H. (1980). A personal message from Hans Selye. *Journal of Extension*, May/June, 1-11.
- Shanafelt, T. D., Bradley, K. A., Wipf, J. E., & Back, A. L. (2002). Burnout and self-reported patient care in an internal medicine residency program. *Annals of internal medicine*, 136(5), 358-367.
- Shi, Y., Ruiz, N., Taib, R., Choi, E., & Chen, F. (2007). Galvanic skin response (GSR) as an index of cognitive load. Paper presented at the CHI'07 extended abstracts on Human factors in computing systems.
- Smith, S. M., & Vale, W. W. (2006). The role of the hypothalamic-pituitary-adrenal axis in neuroendocrine responses to stress. *Dialogues in clinical neuroscience*, 8(4), 383.

- Sorgaard, K. W., Ryan, P., & Dawson, I. (2010). Qualified and Unqualified (NR C) mental health nursing staff-minor differences in sources of stress and burnout. A European multi-centre study. *BMC health services research*, 10(1), 163.
- Sorić, M., Golubić, R., Milošević, M., Juras, K., & Mustajbegović, J. (2013). Shift work, quality of life and work ability among Croatian hospital nurses. *Collegium antropologicum*, 37(2), 379-384.
- Taelman, J., Vandeput, S., Spaepen, A., & Huffel, S. V. (2009). Influence of mental stress on heart rate and heart rate variability. Paper presented at the 4th European conference of the international federation for medical and biological engineering.
- Takemura, K., Hasegawa, M., Tamua, S., Takishita, Y., Matsuoka, T., Iwawaki, Y., & Yamanaka, R. (2015). The association between burnout syndrome and personality in Japanese nursing students. *International Journal of Recent Scientific Research*, 6(7), 5545-5549.
- Thomas, A., & Abhyankar, S. (2014). A correlational study of emotional labour and health among nurses. *Indian Journal of Health and Wellbeing*, 5(2), 239.
- Turankar, A., Jain, S., Patel, S., Sinha, S., Joshi, A., Vallish, B., . . . Turankar, S. (2013). Effects of slow breathing exercise on cardiovascular functions, pulmonary functions & galvanic skin resistance in healthy human volunteers-a pilot study. *The Indian journal of medical research*, 137(5), 916.
- Tzeng, D.-S., Chung, W.-C., Lin, C.-H., & Yang, C.-Y. (2012). Effort-reward imbalance and quality of life of healthcare workers in military hospitals: a cross-sectional study. *BMC health services research*, 12(1), 309.

- Vahey, D. C., Aiken, L. H., Sloane, D. M., Clarke, S. P., & Vargas, D. (2004). Nurse burnout and patient satisfaction. *Medical care*, 42(2 Suppl), II57.
- Vetrugno, R., Liguori, R., Cortelli, P., & Montagna, P. (2003). Sympathetic skin response. *Clinical autonomic research*, 13(4), 256-270.
- Vinkers, C. H., Penning, R., Hellhammer, J., Verster, J. C., Klaessens, J. H., Olivier, B., & Kalkman, C. J. (2013). The effect of stress on core and peripheral body temperature in humans. *Stress*, 16(5), 520-530.
- Vrijkotte, T. G., Van Doornen, L. J., & De Geus, E. J. (2000). Effects of work stress on ambulatory blood pressure, heart rate, and heart rate variability. *Hypertension*, 35(4), 880-886.
- WHO (1995). Constitution of the world health organization.
- WHO (1996). WHOQOL-BREF: introduction, administration, scoring and generic version of the assessment: field trial version, December 1996. from World Health Organisation
- WHO (2017). Health Impact Assessment (HIA). Retrieved from www.who.int/hia/evidence/doh/en/
- Yamakoshi, T., Yamakoshi, K., Tanaka, S., Nogawa, M., Park, S.-B., Shibata, M., . . . Hirose, Y. (2008). Feasibility study on driver's stress detection from differential skin temperature measurement. Paper presented at the Engineering in Medicine and Biology Society, 2008. EMBS 2008. 30th Annual International Conference of the IEEE.

- Zhai, J., & Barreto, A. (2006). Stress detection in computer users based on digital signal processing of noninvasive physiological variables. Paper presented at the Engineering in Medicine and Biology Society, 2006. EMBS'06. 28th Annual International Conference of the IEEE.
- Zhang, X.-C., Huang, D.-S., & Guan, P. (2014). Job burnout among critical care nurses from 14 adult intensive care units in northeastern China: a cross-sectional survey. *BMJ open*, 4(6), e004813.
- Zhou, J., Jung, J. Y., & Chen, F. (2015). Dynamic workload adjustments in human-machine systems based on GSR features. Paper presented at the Human-Computer Interaction.