

## DAFTAR PUSTAKA

- Abd Elaziz, K. M., & Bakr, I. M. 2009. Assessment of knowledge, attitude and practice of hand washing among health care workers in Ain Shams University hospitals in Cairo. *Journal of Preventive Medicine and Hygiene*, 50(1), 19–25.
- Abiodun-Oyebanji, O. J. 2017. Research Variables: Types, Uses and Definition of Terms. In *Research in Education* (Issue July, pp. 43–54).
- Adom, D., Hussain, E. K., & Joe, A. A. 2018. Theoretical and Conceptual Framework: Mandatory Ingredients of a Quality Research. *International Journal of Scientific Research*, 7(1), 93–98.
- Adzakpah, G., Laar, A. S., & Fiadjoe, H. S. 2017. *Clinical Case Reports and Reviews Occupational stress among nurses in a hospital setting in Ghana*. October. <https://doi.org/10.15761/CCRR.1000207>
- Aiken, L. H., Sloane, D. M., Bruyneel, L., Van den Heede, K., Griffiths, P., Busse, R., Diomidous, M., Kinnunen, J., Kózka, M., Lesaffre, E., McHugh, M. D., Moreno-Casbas, M. T., Rafferty, A. M., Schwendimann, R., Scott, P. A., Tishelman, C., van Achterberg, T., & Sermeus, W. 2014. Nurse staffing and education and hospital mortality in nine European countries: a retrospective observational study. *Lancet (London, England)*, 383(9931), 1824–1830.
- Akbarbegloo, M., & Valizadeh, L. 2011. Occupational Tension And Coping Strategies In Nursing In Psychological Ward-Razi Hospital, Tabris. *MODERN CARE JOURNAL*, 8(1) (29)). <https://www.sid.ir/en/journal/ViewPaper.aspx?id=219191>
- Akhtar, M. I. 2016. Research Design. In *Research in Social Science: Interdisciplinary Perspectives*.
- Al- Malki, M., Haswawi, F., Mleh R, T. L., & Mohidin, S. 2018. Factors Influencing The ICU Nurses Workload. *IOSR Journal of Nursing and Health Science (IOSR-JNHS)*, 7(3), 1–4.
- Al-Gamal, E., Alhosain, A., & Alsunaye, K. 2018. Stress and coping strategies among Saudi nursing students during clinical education. *Perspectives in Psychiatric Care*, 54(2), 198–205. <https://doi.org/10.1111/ppc.12223>
- Al Maqbali, M., Al Sinani, M., & Al-Lenjawi, B. 2021. Prevalence of stress, depression, anxiety and sleep disturbance among nurses during the COVID-19 pandemic: A systematic review and meta-analysis. *Journal of*

- Psychosomatic Research*, 141, 110343.  
<https://doi.org/https://doi.org/10.1016/j.jpsychores.2020.110343>
- Alghamdi, M. G. 2016. Nursing workload: A concept analysis. *Journal of Nursing Management*, 24(4), 289.
- Alhajjar, B. I. 2013. *Occupational stress among hospital nurses in Gaza-Palestine*. 289.
- Allegranzi, B., Memish, Z. A., Donaldson, L., & Pittet, D. 2009. Religion and culture: potential undercurrents influencing hand hygiene promotion in health care. *American Journal of Infection Control*, 37(1), 28–34. <https://doi.org/10.1016/j.ajic.2008.01.014>
- Allen, H., Wock, C., Barrington, L., & Bunn, W. 2008. Age, overtime, and employee health, safety and productivity outcomes: a case study. *Journal of Occupational and Environmental Medicine*, 50(8), <https://doi.org/10.1097/JOM.0b013e31818521ec>
- Amalia, R., Widagdo, L., & BM, S. 2016. Faktor-Faktor Yang Berhubungan Dengan Tingkat Kepatuhan Tenaga Kesehatan Melakukan Cuci Tangan (Studi Kasus Di Instalasi Rawat Inap Rajawali Rsup Dr. Kariadi Semarang). *Jurnal Kesehatan Masyarakat (e-Journal)*, 4(3).
- American Nurses Association (ANA). (n.d.). *Definition of nursing*. Retrieved April 15, 2021, from <https://www.nursingworld.org/practice-policy/workforce/what-is-nursing/>
- Anderson, T. W. 2003. An Introduction to Multivariate Statistical Analysis. In *Wiley-Interscience* (3rd Ed.). A John Wiley & Sons, Inc., Publication. <https://doi.org/10.2307/1270458>
- Anugrahwati, R., & Hakim, N. 2019. Faktor-Faktor Yang Mempengaruhi Kepatuhan Perawat Dalam Melakukan Hand Hygiene Five Moments Di Rs. Hermina Jatinegara. *Jurnal Ilmiah Keperawatan Altruistik*, 2(1). <https://doi.org/10.48079/vol2.iss1.28>
- Anupama, K. 2018. Hypothesis Types and Research. *International Journal of Nursing Science Practice and Research*, August. <https://doi.org/10.37628/ijnspr.v4i2.812>
- Appley, M. H., & Trumbull, R. 1967. *Psychological Stress* (1st edn). New York: Appleton-Century-Crofts.
- Apuke, O. D. 2017. Quantitative Research Methods : A Synopsis Approach. *Kuwait Chapter of Arabian Journal of Business and Management Review*, 6(11). <https://doi.org/10.12816/0040336>

- Arbabisarjou, A., Ghoreishinia, G., Zare, S., Chalileh, J., & Shahrakipour, M. 2017. Study of Job Stress among Nurses Working in Teaching Hospitals. *Der Pharmacia Lettre*, 9(1).
- Aripianty, N., Mahfud, & Admanto, P. 2017. *Hubungan Lama Kerja Dengan Kepatuhan Perawat Dalam Melaksanakan SOP Hand Hygiene Di Ruang Dahlia Dan Anggrek RSUD Panembahan Senopati Bantul.*
- Arnetz, J. E., Goetz, C. M., Sudan, S., Arble, E., Janisse, J., & Arnetz, B. B. 2020. Personal Protective Equipment and Mental Health Symptoms Among Nurses During the COVID-19 Pandemic. *Journal of Occupational and Environmental Medicine*, 62(11). <https://doi.org/10.1097/JOM.0000000000001999>
- Asih, D. M. 2018. *Hubungan Masa Kerja dengan Kepatuhan Perawat.*
- Badahdah, A., Khamis, F., Al Mahyijari, N., Al Balushi, M., Al Hatmi, H., Al Salmi, I., Albulushi, Z., & Al Noomani, J. 2021. The mental health of health care workers in Oman during the COVID-19 pandemic. *The International Journal of Social Psychiatry*, 67(1), 90–95. <https://doi.org/10.1177/0020764020939596>
- Badan Penelitian dan Pengembangan Kesehatan Kementerian Kesehatan RI. 2013. *Riset Kesehatan Dasar (RISKESDAS).*
- Badan Pusat Statistik DKI Jakarta. 2019. *Statistik Ketenagakerjaan DKI Jakarta 2019.* <https://statistik.jakarta.go.id/statistik-ketenagakerjaan-dki-jakarta-2019/>
- Baddour, E. K. E.-M. M. 2020. *Investigating the Factors Affecting the Hand Hygiene Compliance from the Viewpoints of Iranian Nurses Who Work in Intensive Care Units.* IntechOpen. <https://doi.org/10.5772/intechopen.81561>
- Bai, Jh., & Ravindran, V. 2019. Job stress among nurses. *Indian Journal of Continuing Nursing Education*, 20(2), 92. [https://doi.org/10.4103/ijcn.ijcn\\_11\\_20](https://doi.org/10.4103/ijcn.ijcn_11_20)
- Bandyopadhyay, S., Baticulon, R. E., Kadhum, M., Alser, M., Ojuka, D. K., Baderreddin, Y., Kamath, A., Parepalli, S. A., Brown, G., Iharchane, S., Gandino, S., Markovic-Obiago, Z., Scott, S., Manirambona, E., Machhada, A., Aggarwal, A., Benazaize, L., Ibrahim, M., Kim, D., ... Khundkar, R. 2020. Infection and mortality of healthcare workers worldwide from COVID-19: A systematic review. *BMJ Global Health*, 5(12). <https://doi.org/10.1136/bmjgh-2020-003097>
- Banerjee, A., & Chaudhury, S. 2010. Statistics without tears: Populations and samples. *Industrial Psychiatry Journal*, 19(1). <https://doi.org/10.4103/0972-6748.77642>

- Barahama, K. F., Katuuk, M., & Oroh, W. M. 2019. Hubungan Beban Kerja Dengan Kepuasan Kerja Perawat Di Ruangan Perawatan Dewasa Rsu Gmim Pancaran Kasih Manado. *Jurnal Keperawatan*, 7(1).
- Batalha, E., Melleiro, M., & Borges, E. 2019. Integrative Literature Review Article Burnout and Its Interface With Patient Safety. *Journal of Nursing UFPE*.
- Bennardo, F., Buffone, C., & Giudice, A. 2020. New therapeutic opportunities for COVID-19 patients with Tocilizumab: Possible correlation of interleukin-6 receptor inhibitors with osteonecrosis of the jaws. In *Oral oncology* (Vol. 106, p. 104659). <https://doi.org/10.1016/j.oraloncology.2020.104659>
- Bertani, A., Di Paola, G., Russo, E., & Tuzzolino, F. 2018. How to describe bivariate data. *Journal of Thoracic Disease*, 10(2). <https://doi.org/10.21037/jtd.2018.01.134>
- Bhatt, T. 2020. *A Synopsis on Population and Sample : Quantitative Research. October 2020.* <https://doi.org/10.13140/RG.2.2.26926.54084>
- Blumberg, B., Cooper, D. R., & Schindler, P. S. 2005. *Business research methods*. McGraw-Hill.
- Boyce, J. M., & Pittet, D. 2002. Guideline for Hand Hygiene in Health-Care Settings. Recommendations of the Healthcare Infection Control Practices Advisory Committee and the HICPAC/SHEA/APIC/IDSA Hand Hygiene Task Force. Society for Healthcare Epidemiology of America/Association for Prof. In *MMWR. Recommendations and reports : Morbidity and mortality weekly report. Recommendations and reports* (Vol. 51, Issue RR-16).
- Brewer, B. B. 2006. Is patient acuity a proxy for patient characteristics of the AACN Synergy Model for Patient Care? *Nursing Administration Quarterly*, 30(4), 351–357. <https://doi.org/10.1097/00006216-200610000-00007>
- Carayon, P., & Alvarado, C. J. 2007. Workload and Patient Safety Among Critical Care Nurses. *Critical Care Nursing Clinics of North America*, 19(2),
- Carayon, P., Alvarado, C. J., & Hundt, A. S. 2012. *Handbook of Human Factors and Ergonomics in Health Care and Patient Safety* (P. Carayon (ed.); 2nd Editio). CRC Press.
- Carayon, P., & Gurses, A. P. 2017. Nursing Workload and Patient Safety — A Human Factors Engineering Perspective Chapter 30 . Nursing Workload and Patient Safety — A Human Factors Engineering Perspective. *Patient Safety and Quality: An Evidence-Based Handbook for Nurses*, 2(1).
- Carayon, P., & Smith, M. J. 2000. Work organization and ergonomics. *Applied Ergonomics*, 31(6), 649–662. [https://doi.org/10.1016/S0003-6870\(00\)00040-5](https://doi.org/10.1016/S0003-6870(00)00040-5)

- Carriere, G., Park, J., Deng, Z., & Kohen, D. 2020. Overtime Work Among Professional Nurses During The COVID-19 Pandemic. *Statistics Canada*.
- Centers for Disease Control Prevention. 2002. Guideline for Hand Hygiene in Health-Care Settings. *Infectious Diseases in Clinical Practice*, 51, 185–187. <https://doi.org/10.1097/01.idc.0000129851.34508.48>
- Chandola, T., Brunner, E., & Marmot, M. 2006. *Chronic stress at work and the metabolic syndrome: prospective study*. 80(January). <https://doi.org/10.1136/bmj.38693.435301.80>
- Chapman, H. 2018. Nursing Theories 4: Adherence and Concordance. *Nursing Practice*, 114(2), 50.
- Chen, N., Zhou, M., Dong, X., Qu, J., Gong, F., Han, Y., Qiu, Y., Wang, J., Liu, Y., Wei, Y., Xia, J., Yu, T., Zhang, X., & Zhang, L. 2020. Epidemiological and clinical characteristics of 99 cases of 2019 novel coronavirus pneumonia in Wuhan, China: a descriptive study. *Lancet (London, England)*, 395(10223)
- Chew, N. W. S., Lee, G. K. H., Tan, B. Y. Q., Jing, M., Goh, Y., Ngiam, N. J. H., Yeo, L. L. L., Ahmad, A., Ahmed Khan, F., Napolean Shanmugam, G., Sharma, A. K., Komalkumar, R. N., Meenakshi, P. V., Shah, K., Patel, B., Chan, B. P. L., Sunny, S., Chandra, B., Ong, J. J. Y., ... Sharma, V. K. 2020. A multinational, multicentre study on the psychological outcomes and associated physical symptoms amongst healthcare workers during COVID-19 outbreak. *Brain, Behavior, and Immunity*, 88. <https://doi.org/10.1016/j.bbi.2020.04.049>
- Childre, F., & Mangino, M. 2000. The Aging Employee. *AAOHN Journal*, 48(7). <https://doi.org/10.1177/216507990004800707>
- Cho, S.-H., June, K. J., Kim, Y. M., Cho, Y. A., Yoo, C. S., Yun, S.-C., & Sung, Y. H. 2009. Nurse staffing, quality of nursing care and nurse job outcomes in intensive care units. *Journal of Clinical Nursing*, 18(12), 1729–1737.
- Choi, J. S., & Kim, K. M. 2020. Effects of nursing organizational culture and job stress on Korean infection control nurses' turnover intention. *American Journal of Infection Control*, 48(11). <https://doi.org/10.1016/j.ajic.2020.04.002>
- Chuang, C.-H., Tseng, P.-C., Lin, C.-Y., Lin, K.-H., & Chen, Y.-Y. 2016. Burnout in the intensive care unit professionals: A systematic review. *Medicine*, 95(50), e5629. <https://doi.org/10.1097/MD.00000000000005629>
- 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).

- Colindres, C. V., Bryce, E., Coral-Rosero, P., Ramos-Soto, R. M., Bonilla, F., & Yassi, A. 2018. Effect of effort-reward imbalance and burnout on infection control among Ecuadorian nurses. *International Nursing Review*, 65(2). <https://doi.org/10.1111/inr.12409>
- Collins, A. S. 2007. Preventing Health Care-Associated Infections. *AORN Journal*, 86. <https://doi.org/10.1016/j.aorn.2007.11.013>
- Conner, M., & Norman, P. 2006. Predicting Health Behaviour: research and practice with social cognition model. In *Predicting Health Behaviour* (2nd ed.). Bell & Bain Ltd, Glasgow.
- Costa, G., & Sartori, S. 2007. Ageing, working hours and work ability. *Ergonomics*, 50(11). <https://doi.org/10.1080/00140130701676054>
- Dagget, T., Molla, A., & Belachew, T. 2016. Job related stress among nurses working in Jimma Zone public hospitals , South West Ethiopia : a cross sectional study. *BMC Nursing*. <https://doi.org/10.1186/s12912-016-0158-2>
- Dai, Y., Hu, G., Xiong, H., Qiu, H., & Yuan, X. 2020. Psychological impact of the coronavirus disease 2019 (COVID-19) outbreak on healthcare workers in China. *MedRxiv*, 2020.03.03.20030874. <https://doi.org/10.1101/2020.03.03.20030874>
- Damanik, S. M. 2012. Kepatuhan Hand Hygiene Di Rumah Sakit Immanuel Bandung. *Students E-Journal*, 1(1).
- Dapaah, & Kyreaa, A. 2014. Causes Of Stress Among Nurses In The Greater Accra Region. *International Journal of Research In Social Sciences*, 3(8).
- Debergh, D. P., Myny, D., Van Herzele, I., Van Maele, G., Reis Miranda, D., & Colardyn, F. 2012. Measuring the nursing workload per shift in the ICU. *Intensive Care Medicine*, 38(9).
- Deschenes, M. R. 2004. Effects of aging on muscle fibre type and size. *Sports Medicine (Auckland, N.Z.)*, 34(12). <https://doi.org/10.2165/00007256-200434120-00002>
- Dwi Rianita, A., & Suryani, D. 2019. Factors Influencing Nurses' Compliance Level in the Application of Hand Hygiene in Inpatient Wards of Muntinan General Hospital. *Jurnal Medicoeticolegal Dan Manajemen Rumah Sakit*, 8(1).
- El-Soussi, A. H., & Asfour, H. I. 2017. A return to the basics; nurses' practices and knowledge about interventional patient hygiene in critical care units. *Intensive and Critical Care Nursing*, 40. <https://doi.org/10.1016/j.iccn.2016.10.002>

- Etienne, J. 2011. Compliance theory: A goal framing approach. *Law and Policy*, 33(3). <https://doi.org/10.1111/j.1467-9930.2011.00340.x>
- Etikan, I. 2016. Comparison of Convenience Sampling and Purposive Sampling. *American Journal of Theoretical and Applied Statistics*, 5(1), 1. <https://doi.org/10.11648/j.ajtas.20160501.11>
- Evans, J. 1997. Men in nursing: issues of gender segregation and hidden advantage. *Journal of Advanced Nursing*, 26(2). <https://doi.org/10.1046/j.1365-2648.1997.1997026226.x>
- Evans, J. A. 2002. Cautious caregivers: gender stereotypes and the sexualization of men nurses' touch. *Journal of Advanced Nursing*, 40(4).<https://doi.org/10.1046/j.1365-2648.2002.02392.x>
- Fachruddin, N.-, SANTOSO, W., & ZAKIYAH, A. 2019. the Relationship Between Workload With Work Stress on Nurses in Intensive Installation of Bangil General Hospital Pasuruan District. *International Journal of Nursing and Midwifery Science (Ijnms)*, 2(03). <https://doi.org/10.29082/ijnms/2018/vol2/iss03/157>
- Farzianpour, F., Nosrati, S. A., Foroushani, A. R., & Hasanpour, F. 2016. *Relationship Between Shift Work and Personality Traits of Nurses and Their Coping Strategies*. 8(5). <https://doi.org/10.5539/gjhs.v8n5p166>
- Fathurrahmat, T. 2015. *Faktor Karakteristik Yang Berhubungan Dengan Beban Kerja Perawat Pelaksana Di Ruang Rawat RSUD Dr. Zainoel Abidin Banda Aceh Tahun 2015*. Universitas Syiah Kuala.
- Fawcett, J. 1995. *Analysis and Evaluation of Theories of Nursing*. Philadelphia: F.A. Davis.
- Fawcett, J., & Downs, F. S. 1992. *The Relationship of Theory and Research* (2nd edn.). Philadelphia: F.A. Davis.
- Fitzpatrick, J. J., & Whall, A. L. 1996. *Conceptual Models of Nursing: Analysis and Application* (3rd edn). Connecticut: Appleton & Lange.
- Fougère, B., Vellas, B., van Kan, G. A., & Cesari, M. 2015. Identification of biological markers for better characterization of older subjects with physical frailty and sarcopenia. *Translational Neuroscience*, 6(1). <https://doi.org/10.1515/tnsci-2015-0009>
- French, S. E., Lenton, R., Walters, V., & Eyles, J. 2000. An empirical evaluation of an expanded nursing stress scale. *Journal of Nursing Measurement*, 8(2). <https://doi.org/10.1891/1061-3749.8.2.161>
- Gaudine, A. P. 2000. What do nurses mean by workload and work overload?

*Canadian Journal of Nursing Leadership*, 13(2).  
<https://doi.org/10.12927/cjnl.2000.16286>

Geary, D. C. 2020. *Male, Female: The Evolution of Human Sex Differences* (3rd ed.). American Psychological Association.

Gheshlagh, R., Parizad, N., Dalvand, S., Zarei, M., Farajzadeh, M., Karami, M., & Sayehmiri, K. 2017. The prevalence of job stress among nurses in Iran: A meta-analysis study. *Nursing and Midwifery Studies*.

Gholamzadeh, S., Sharif, F., & Rad, F. D. 2011. Sources of occupational stress and coping strategies among nurses who work in Admission and Emergency Departments of Hospitals related to Shiraz University of Medical Sciences. *Iranian Journal of Nursing and Midwifery Research*, 16(1).

Gilligan, C. 1977. *In a different voice: women's conceptions of self and morality*.

Gobel, R. S., Rattu, J. A. M., & Akili, R. H. 2013. Faktor-Faktor Yang Berhubungan Dengan Stres Kerja Pada Perawat Di Ruang ICU Dan UGD RSUD Datoe Bingkang Kabupaten Bolaang Mangondow. *Jurnal Kesehatan*.

Golshiri, P., Pourabdian, S., Najimi, A., Zadeh, H. M., & Hasheminia, J. 2012. Job stress and its relationship with the level of secretory IgA in saliva: a comparison between nurses working in emergency wards and hospital clerks. *JPMA. The Journal of the Pakistan Medical Association*, 62(3 Suppl 2).

Gray-Toft, P., & Anderson, J. G. 1981. The Nursing Stress Scale: Development of an instrument. *Journal of Behavioral Assessment*, 3(1).  
<https://doi.org/10.1007/BF01321348>

Green, L. 1980. *Health education planning : a diagnostic approach*. Mayfield Pub. Co.

Gyllensten, K., & Palmer, S. 2005. The role of gender in workplace stress: A critical literature review. *Health Education Journal*, 64(3).  
<https://doi.org/10.1177/001789690506400307>

Haas, J. P., & Larson, E. L. 2007. Measurement of compliance with hand hygiene. *Journal of Hospital Infection*, 66(1).  
<https://doi.org/10.1016/j.jhin.2006.11.013>

Handoko, H. T. 2008. *Manajemen Personalia dan Sumber Daya Manusia* (2nd ed.). Yogyakarta: BPFE.

Harrington, D. 2009. *Confirmatory Factor Analysis*. Oxford University Press, Inc.

Harsono, H. 2017. Uji validitas dan reliabilitas expanded nursing stress scale (ENSS) versi bahasa Indonesia sebagai instrumen penilaian stres kerja pada

- perawat. *Fakultas Kedokteran Universitas Indonesia.*
- Hastono, S. P. 2007. Analisis data kesehatan. *Depok: Fakultas Kesehatan Masyarakat Universitas Indonesia*, 217.
- Hayulita, S. 2017. *Penerapan Universal Precaution: Cuci Tangan Bersih Perawat Berdasarkan Beban Kerja Dan Motivasi.*
- Healy, M. L. 2001. Management strategies for an aging work force. *AAOHN Journal: Official Journal of the American Association of Occupational Health Nurses*, 49(11).
- Henderson, V. 1966. *The Nature of Nursing a Definition and its Implications for Practice, Research, and Education*. Macmillan.
- Heymann, D. L., & Shindo, N. 2020. COVID-19: what is next for public health? *Lancet (London, England)*, 395(10224), 542–545. [https://doi.org/10.1016/S0140-6736\(20\)30374-3](https://doi.org/10.1016/S0140-6736(20)30374-3)
- Hidayah, N., & Ramadhani, N. F. 2019. Kepatuhan Tenaga Kesehatan Terhadap Implementasi Hand Hygiene Di Rumah Sakit Umum Daerah Haji Kota Makassar. *Jurnal Manajemen Kesehatan Yayasan RS.Dr. Soetomo*, 5(2), 182.
- Horan, T. C., Gaynes, R. P., & Mayhall, C. G. 2004. *Hospital epidemiology and infection control* (C. G. Mayhall (ed.)). Philadelphia: Lippincott Williams and Wilkins.
- Hornberger, B., & Rangu, S. 2020. Inclusion and exclusion criteria. *MEDSURG Nursing*, 29(2), 125. [https://doi.org/10.4324/9780203340653\\_chapter\\_6](https://doi.org/10.4324/9780203340653_chapter_6)
- Huang, C., Wang, Y., Li, X., Ren, L., Zhao, J., Hu, Y., Zhang, L., Fan, G., Xu, J., Gu, X., Cheng, Z., Yu, T., Xia, J., Wei, Y., Wu, W., Xie, X., Yin, W., Li, H., Liu, M., ... Cao, B. 2020. Clinical features of patients infected with 2019 novel coronavirus in Wuhan, China. *Lancet (London, England)*, 395(10223).
- Huang, J. Z., Han, M. F., Luo, T. D., Ren, A. K., & Zhou, X. P. 2020. Mental health survey of medical staff in a tertiary infectious disease hospital for COVID-19. *Chinese journal of industrial hygiene and occupational diseases*, 38(3). <https://doi.org/10.3760/cma.j.cn121094-20200219-00063>
- Id, Y. B., Demeke, T., Birhan, N., & Semahegn, A. (2020). *Nurses' work-related stress and associated factors in governmental hospitals in Harar , Eastern Ethiopia : A cross-sectional study.* <https://doi.org/10.1371/journal.pone.0236782>
- Ilyas, Y. 2012. *Perencanaan Sumber Daya Manusia Rumah Sakit Teori Metoda dan Formula*. Jakarta: Pusat Kajian Ekonomi Kesehatan FKM UI.

- IOM (Institute of Medicine). 2010. *Redesigning continuing education in the health professions*. Washington, DC: The National Academies Press.
- IOM (Institute of Medicine). 2011. *The future of nursing: Leading change, advancing health*. Washington, DC: The National Academies Press.
- IOM (Institute of Medicine). 2015. *Future directions of credentialing research in nursing: Workshop summary*. Washington, DC: The National Academies Press.
- Jacobs, K., Hellman, M., Markowitz, J., & Wuest, E. 2013. Workload. In M. D. Gellman & J. R. Turner (Eds.), *Encyclopedia of Behavioral Medicine* (pp. 2068–2069). Springer New York. [https://doi.org/10.1007/978-1-4419-1005-9\\_934](https://doi.org/10.1007/978-1-4419-1005-9_934)
- Jick, T. D., & Payne, R. 1980. Stress at work. *Journal of Management Education*, 5(3), 50–56. <https://doi.org/10.1177/105256298000500315>
- Johnson, P. D. R., Martin, R., Burrell, L. J., Grabsch, E. A., Kirsia, S. W., O'Keeffe, J., Mayall, B. C., Edmonds, D., Barr, W., Bolger, C., Naidoo, H., & Grayson, M. L. 2005. Efficacy of an alcohol/chlorhexidine hand hygiene program in a hospital with high rates of nosocomial methicillin-resistant *Staphylococcus aureus* (MRSA) infection. *The Medical Journal of Australia*, 183(10).
- Jonker, C., & Othman, M. 2018. Hand Hygiene among Hospital Staff: A Survey of Knowledge, Attitude, and Practice in A General Hospital in Syria. *Jurnal Keperawatan Indonesia*, 21(3). <https://doi.org/10.7454/jki.v21i3.513>
- Jumaa, P. A. 2005. Hand hygiene: Simple and complex. *International Journal of Infectious Diseases*, 9(1). <https://doi.org/10.1016/j.ijid.2004.05.005>
- Karasuda, S., Tsumoto, Y., & Uchida, H. 2014. *Relationship between clinical competence of new graduate nurses and instructive support of colleagues- From the survey result at the time of one year after graduation*. 37.
- Karnowahyudi. 2011. *Odds Ratio : a Result of Business Research Analysis Odds Ratio : Sebuah Hasil Analisis Penelitian Bisnis*. 18(1), 47–54.
- Keller, K., & Engelhardt, M. 2014. Strength and muscle mass loss with aging process. Age and strength loss. *Muscles, Ligaments and Tendons Journal*, 3(4). <https://pubmed.ncbi.nlm.nih.gov/24596700>
- Kementerian Kesehatan Republik Indonesia. 2020. *Panduan Cuci Tangan Pakai Sabun*.
- Keykaleh, M. S., Safarpour, H., Yousefian, S., Faghisolouk, F., & Mohammadi, E. 2018. *The Relationship between Nurse 's Job Stress and Patient Safety*. 6(11).

- Knoll, M., Lautenschlaeger, C., & Borneff-Lipp, M. 2010. The impact of workload on hygiene compliance in nursing. *British Journal of Nursing (Mark Allen Publishing)*, 19(16). <https://doi.org/10.12968/bjon.2010.19.Sup6.78213>
- Kotfis, K., Williams Roberson, S., Wilson, J. E., Dabrowski, W., Pun, B. T., & Ely, E. W. 2020. COVID-19: ICU delirium management during SARS-CoV-2 pandemic. *Critical Care (London, England)*, 24(1), 176. <https://doi.org/10.1186/s13054-020-02882-x>
- Kramer, B. J., & Thompson Jr, E. H. 2004. *Men As Caregivers* (Illustrate). Prometheus.
- Kristianingsih, Y., Wijaya, A., & Yosdimyati, L. 2018. *Hubungan beban kerja dengan stres kerja perawat berbasis Teori Burnout Syndrome di Ruang Dahlia RSUD Jombang*.
- Kumar, S., & Bhalla, P. 2019. Stress among Nursing Staff in Hospitals and its Relation with Job Satisfaction, Job Performance and Quality of Nursing Care: A Literature Review. *Journal of Nursing & Care*, 8(3).
- Kurniadi, A. 2013. *Manajemen Keperawatan dan Prospektifnya: Teori, Konsep, dan Aplikasi*. Jakarta: Fakultas Kedokteran Universitas Indonesia.
- Kusumaningrum, I. Y. 2016. *Pengaruh Beban Kerja Dan Karakteristik Individu Terhadap Kinerja Perawat Melalui Burnout Sebagai Variabel Intervening Pada PT. Nusantara Medika Utama Rumah Sakit Perkebunan (Jember Klinik)*. Universitas Jember.
- Lai, C.-C., Wang, C.-Y., Wang, Y.-H., Hsueh, S.-C., Ko, W.-C., & Hsueh, P.-R. 2020. Global epidemiology of coronavirus disease 2019 (COVID-19): disease incidence, daily cumulative index, mortality, and their association with country healthcare resources and economic status. *International Journal of Antimicrobial Agents*, 55(4), 105946. <https://doi.org/https://doi.org/10.1016/j.ijantimicag.2020.105946>
- Lai, J., Ma, S., Wang, Y., Cai, Z., Hu, J., Wei, N., Wu, J., Du, H., Chen, T., Li, R., Tan, H., Kang, L., Yao, L., Huang, M., Wang, H., Wang, G., Liu, Z., & Hu, S. 2020. Factors Associated With Mental Health Outcomes Among Health Care Workers Exposed to Coronavirus Disease 2019. *JAMA Network Open*, 3(3), e203976.
- Lai, J., Ma, S., Wang, Y., Cai, Z., Hu, J., Wei, N., Wu, J., Du, H., Chen, T., Li, R., Tan, H., Kang, L., Yao, L., Huang, M., Wang, H., Wang, G., Liu, Z., & Hu, S. 2020. Factors Associated With Mental Health Outcomes Among Health Care Workers Exposed to Coronavirus Disease 2019. *JAMA Network Open*, 3(3). <https://doi.org/10.1001/jamanetworkopen.2020.3976>
- Lam, B. C. C., Lee, J., & Lau, Y. L. 2004. Hand hygiene practices in a neonatal

- intensive care unit: a multimodal intervention and impact on nosocomial infection. *Pediatrics*, 114(5), e565-71. <https://doi.org/10.1542/peds.2004-1107>
- Lambert, V., & Lambert, C. 2008. Nurses' workplace stressors and coping strategies. *Indian Journal of Palliative Care*, 14. <https://doi.org/10.4103/0973-1075.41934>
- Lammers, W. J., & Babbie, E. 2008. Developing Research Questions : Hypotheses and Variables. In *Fundamentals of Behavioral Research* <https://doi.org/10.1038/sj.ki.5002650>
- Lancet, T. 2020. COVID-19: protecting health-care workers. In *Lancet (London, England)* (Vol. 395, Issue 10228, p. 922). [https://doi.org/10.1016/S0140-6736\(20\)30644-9](https://doi.org/10.1016/S0140-6736(20)30644-9)
- Larson, E. L., Quiros, D., & Lin, S. X. 2007. Dissemination of the CDC's Hand Hygiene Guideline and impact on infection rates. *American Journal of Infection Control*, 35(10). <https://doi.org/10.1016/j.ajic.2006.10.006>
- Lavoie-Tremblay, M., O'Brien-Pallas, L., Viens, C., Brabant, L. H., & Gélinas, C. 2006. Towards an integrated approach for the management of ageing nurses. *Journal of Nursing Management*, 14(3). <https://doi.org/10.1111/j.1365-2934.2006.00604>.
- Lazarus, R. S. 1966. *Psychological Stress and the Coping Process*. New York: McGraw Hill.
- Lazarus, R. S., & Folkman, S. 1984. *Stress, Appraisal, and Coping*. New York: Springer Publishing.
- Le, T. A. T., Dibley, M. J., Vo, V. N., Archibald, L., Jarvis, W. R., & Sohn, A. H. 2007. Reduction in surgical site infections in neurosurgical patients associated with a bedside hand hygiene program in Vietnam. *Infection Control and Hospital Epidemiology*, 28(5). <https://doi.org/10.1086/516661>
- Letvak, S. 2002. Retaining the older nurse. *The Journal of Nursing Administration*, 32(7–8). <https://doi.org/10.1097/00005110-200207000-00006>
- Lima, C. K. T., Carvalho, P. M. de M., Lima, I. de A. A. S., Nunes, J. V. A. de O., Saraiva, J. S., de Souza, R. I., da Silva, C. G. L., & Neto, M. L. R. 2020. The emotional impact of Coronavirus 2019-nCoV (new Coronavirus disease). In *Psychiatry research* (Vol. 287, p. 112915). <https://doi.org/10.1016/j.psychres.2020.112915>
- Liu, C. Y., Yang, Y. Z., Zhang, X. M., Xu, X., Dou, Q. L., & Zhang, W. W. 2020. The prevalence and influencing factors for anxiety in medical workers fighting COVID-19 in China: A cross-sectional survey. *MedRxiv*. <https://doi.org/10.1101/2020.03.05.20032003>

- Liu, Z., Han, B., Jiang, R., Huang, Y., Ma, C., Wen, J., Zhang, T., Wang, Y., Chen, H., & Ma, Y. 2020. Mental health status of doctors and nurses during COVID-19 epidemic in China. Available at SSRN 3551329.
- Lu, H., Stratton, C. W., & Tang, Y.-W. 2020. Outbreak of pneumonia of unknown etiology in Wuhan, China: The mystery and the miracle. *Journal of Medical Virology*, 92(4), 401–402. <https://doi.org/10.1002/jmv.25678>
- Lu, W., Wang, H., Lin, Y., & Li, L. 2020. Psychological status of medical workforce during the COVID-19 pandemic: A cross-sectional study. *Psychiatry Research*, 288, 112936. <https://doi.org/10.1016/j.psychres.2020.112936>
- Lucchini, A., Giani, M., Elli, S., Villa, S., Rona, R., & Foti, G. 2020. Nursing Activities Score is increased in COVID-19 patients. In *Intensive & critical care nursing* (Vol. 59). <https://doi.org/10.1016/j.iccn.2020.102876>
- Lupia, T., Scabini, S., Mornese Pinna, S., Di Perri, G., De Rosa, F. G., & Corcione, S. 2020. 2019 novel coronavirus (2019-nCoV) outbreak: A new challenge. *Journal of Global Antimicrobial Resistance*, 21, 22–27. <https://doi.org/10.1016/j.jgar.2020.02.021>
- Lupia, T., Scabini, S., Mornese Pinna, S., Di Perri, G., De Rosa, F. G., Corcione, S., Rose-John, S., Pyle, C. J., Uwadiae, F. I., Swieboda, D. P., & Harker, J. A. (2017). Early IL-6 signalling promotes IL-27 dependent maturation of regulatory T cells in the lungs and resolution of viral immunopathology. *Journal of Global Antimicrobial Resistance*, 10(9). <https://doi.org/10.1371/journal.ppat.1006640>
- Madadzadeh, M., Barati, H., & Ahmadi Asour, A. 2018. The association between workload and job stress among nurses in Vasei hospital, Sabzevar city, Iran in 2016. *Journal of Occupational Health and Epidemiology*, 7(2). <https://doi.org/10.29252/johe.7.2.83>
- Majid, U. 2018. Research Fundamentals: Study Design, Population, and Sample Size. *Undergraduate Research in Natural and Clinical Science and Technology (URNCST) Journal*, 2(1), 1–7. <https://doi.org/10.26685/urnest.16>
- Mandiracioglu, A., & Cam, O. 2006. Violence exposure and burn-out among Turkish nursing home staff. *Occupational Medicine (Oxford, England)*, 56(7), 501–503. <https://doi.org/10.1093/occmed/kql073>
- Manomenidis, G., Panagopoulou, E., & Montgomery, A. 2017. Job Burnout Reduces Hand Hygiene Compliance Among Nursing Staff. *Journal of Patient Safety*, 15.
- Maraldo, P. 1991. *Talking Points*. National League For Nursing.

- Marthoenis, Maskur, Fathiariani, L., & Nassimbwa, J. 2021. Investigating the burden of mental distress among nurses at a provincial COVID-19 referral hospital in Indonesia: a cross-sectional study. *BMC Nursing*, 20(1). <https://doi.org/10.1186/s12912-021-00596-1>
- Martínez-López, J. Á., Lázaro-Pérez, C., Gómez-Galán, J., & Fernández-Martínez, M. D. M. 2020. Psychological Impact of COVID-19 Emergency on Health Professionals: Burnout Incidence at the Most Critical Period in Spain. *Journal of Clinical Medicine*, 9(9). <https://doi.org/10.3390/jcm9093029>
- Maslach, C, Schaufeli, W. B., & Leiter, M. P. 2001. Job burnout. *Annual Review of Psychology*, 52.. <https://doi.org/10.1146/annurev.psych.52.1.397>
- Maslach, Christina, & Leiter, M. P. 2008. Early predictors of job burnout and engagement. *The Journal of Applied Psychology*, 93(3). <https://doi.org/10.1037/0021-9010.93.3.498>
- Merriam-Webster. (n.d.-a). *Age*. Merriam-Webster Dictionary. Retrieved April 24, 2021, from <https://www.merriam-webster.com/dictionary/age>
- Merriam-Webster. (n.d.-b). *Sex*. Merriam-Webster Dictionary. Retrieved April 24, 2021, from <https://www.merriam-webster.com/dictionary/sex>
- Mhango, M., Dzobo, M., Chitungo, I., & Dzinamarira, T. 2020. COVID-19 Risk Factors Among Health Workers: A Rapid Review. *Safety and Health at Work*, 11(3).
- Mohaithef, M. AL. 2020. *Assesing Hand Hygiene Practices Among Nurses In The Kingdom of Saudi Arabia*. 13. <https://doi.org/http://dx.doi.org/10.2174/1874944502013010220>
- Mohajan, H. K. 2017. Two Criteria for Good Measurements in Research: Validity and Reliability. *Annals of Spiru Haret University. Economic Series*, 17(4).. <https://doi.org/10.26458/1746>
- Mönnikes, H., Tebbe, J. J., Hildebrandt, M., Arck, P., Osmanoglou, E., Rose, M., Klapp, B., Wiedenmann, B., & Heymann-Mönnikes, I. 2001. Role of stress in functional gastrointestinal disorders. Evidence for stress-induced alterations in gastrointestinal motility and sensitivity. *Digestive Diseases (Basel, Switzerland)*, 19(3). <https://doi.org/10.1159/000050681>
- Moran, K. R., & Del Valle, S. Y. 2016. A Meta-Analysis of the Association between Gender and Protective Behaviors in Response to Respiratory Epidemics and Pandemics. *PloS One*, 11(10), e0164541. <https://doi.org/10.1371/journal.pone.0164541>
- Morika, H. D. 2018. *Hubungan Beban Kerja Dengan Stres Kerja Perawat Pelaksana di Instalasi Bedah Sentral*.

- Mostafazadeh-Bora, M., Bahrami, M., & Hosseini, A. 2018. A Survey of Nurses' Compliance with Hand Hygiene Guidelines in Caring for Patients with Cancer in a Selected Center of Isfahan, Iran, in 2016. *Iranian Journal of Nursing and Midwifery Research*, 23(2). [https://doi.org/10.4103/ijnmr.IJNMR\\_228\\_16](https://doi.org/10.4103/ijnmr.IJNMR_228_16)
- Moustaka, E., & Constantinidis, T. C. 2010. Sources and effects of work-related stress in nursing. *Health Science Journal*, 4.
- Munandar, A. S. 2012. *Psikologi Industri dan Organisasi*. Jakarta: Penerbit Universitas Indonesia (UI-Press).
- Musu, ewade T., Murhayati, A., & Saelan. 2021. Gambaran Stres Kerja Perawat IGD Di Masa Pandemi COVID-19 Di Rumah Sakit Surakarta. *Jurnal Gawat Darurat*, 3(1). <https://doi.org/ISSN 2684-9321>
- Najimi, A., Goudarzi, A. M., & Sharifirad, G. 2012. Causes of job stress in nurses: A cross-sectional study. *Iranian Journal of Nursing and Midwifery Research*, 17(4).
- Nugroho. 2012. *Keperawatan Gerontik & Geriatrik* (Edisi 3). Jakarta: EGC.
- Nurahmani. 2018. *Faktor Yang Mempengaruhi Perawat Terhadap Kepatuhan Dalam Melakukan Hand Hygiene Sebelum Dan Sesudah Melakukan Tindakan Di Ruang Inap Rumah Sakit Cut Meutia Langsa*.
- Nurahmani, Asriwati, & Hadi, A. J. 2019. Kepatuhan Perawat Dalam Melakukan Hand Hygiene Sebelum dan Sesudah Melakukan Tindakan Di Ruang Rawat Inap Rumah Sakit Cut Meutia Langsa Aceh. *Promotif: Jurnal Kesehatan Masyarakat*, 9(1).
- Nurani, R. S., & Hidajah, A. C. 2017. Gambaran kepatuhan hand hygiene pada perawat hemodialisis di Rumah Sakit Umum Haji Surabaya. *Jurnal Berkala Epidemiologi*, 5(2). <https://doi.org/10.20473/jbe.v5i2.2017.218-230>
- Oakley, A. 1972. *Sex, Gender, and Society*. Maurice Temple Smith Limited: London.
- Orem, D. E. 1980. *Nursing: Concepts of Practice* (3rd edn). New York: McGraw Hill.
- Osuka, Y. 2005. Factors Influencing Hand Hygiene Behavior of Nurses. *Journal of Japan Academy of Nursing Science*, 25(1). [https://doi.org/10.5630/jans1981.25.1\\_3](https://doi.org/10.5630/jans1981.25.1_3)
- Paisley, K., & Powell, G. M. 2007. Staff burn-out prevention and stress management. *Child and Adolescent Psychiatric Clinics of North America*,

16(4). <https://doi.org/10.1016/j.chc.2007.05.013>

- Park, S.-A., & Ahn, S.-H. 2015. Relation of Compassionate Competence to Burnout, Job Stress, Turnover Intention, Job Satisfaction and Organizational Commitment for Oncology Nurses in Korea. *Asian Pacific Journal of Cancer Prevention : APJCP*, 16(13). <https://doi.org/10.7314/apjcp.2015.16.13.5463>
- Parveen, H., & Showkat, N. 2017. *Research Ethics*.
- Paterson, B., Tschikota, S., Crawford, M., Saydak, M., Venkatesh, P., & Aronowitz, T. 1996. *Learning to care: gender issues for male nursing students*. 28 (1).
- Patino, C. M., & Ferreira, J. C. 2018. Inclusion and exclusion criteria in research studies: definitions and why they matter. *Jornal Brasileiro de Pneumologia*, 44(2). <https://doi.org/10.1590/S1806-37562018000000088>
- Patterson, K. H. J. 2002. Perceptions of the maternal-child clinical rotation: the male student nurse experience. *The Journal Of Nursing Education*, 41 (6).
- Pearson, A., & Vaughan, B. 1986. *Nursing Models for Practice*. London: Heinemann.
- Pereira, A. V. 2015. Nurses' daily life: gender relations from the time spent in hospital. *Revista Latino-Americana de Enfermagem*, 23(5). <https://doi.org/10.1590/0104-1169.0485.2635>
- Pérez-Francisco, D. H., Duarte-Clíments, G., Del Rosario-Melián, J. M., Gómez-Salgado, J., Romero-Martín, M., & Sánchez-Gómez, M. B. 2020. Influence of Workload on Primary Care Nurses' Health and Burnout, Patients' Safety, and Quality of Care: Integrative Review. *Healthcare (Basel, Switzerland)*, 8(1).
- Pertiwi, N. P. 2019. *Tingkat Kepatuhan Perawat dalam Melakukan Hand Hygiene*.
- Pessoa-Silva, C. L., Hugonnet, S., Pfister, R., Touveneau, S., Dharan, S., Posfay-Barbe, K., & Pittet, D. 2007. Reduction of health care associated infection risk in neonates by successful hand hygiene promotion. *Pediatrics*, 120(2), e382-90. <https://doi.org/10.1542/peds.2006-3712>
- Pittet, D. 2017. *Improving Compliance With Hand Hygiene in Hospitals*. 21(6).
- Polit, D. F. 2012. *Nursing Research: Generating and Assessing Evidence for Nursing Practice* (C. T. Beck (ed.); 9th Ed.). Philadelphia : Wolters Kluwer Health/Lippincott Williams & Wilkins.
- Pongantung, M., Kapantouw, N. H., Kawatu, P. A. T., Kesehatan, F., Universitas, M., Ratulangi, S., & Kerja, S. 2019. Hubungan Antara Beban Kerja Dan Stres Kerja Dengan Kelelahan Kerja Pada Perawat Rumah Sakit Gmim Kalooran

- Amurang. *Kesehatan Masyarakat.*
- Potter, P. A., & Perry, A. G. 2005. *Buku Ajar Fundamental Keperawatan* (Edisi 4). Jakarta: EGC.
- Potter, P. A., & Perry, A. G. 2010. *Fundamentals of Nursing* (7th edn). Elsevier (Singapore) Pte Ltd.
- Rabani, A. I. 2019. *Hubungan Kepatuhan Perawat Dalam Cuci Tangan Dengan Terjadinya Phlebitis Di Ruang Rawat Inap RSUD Kota Depok Tahun 2019.*
- Rajeswari. H, & Dr. B. Sreelekha. 2016. Stress among Nurses in a Tertiary Care Hospital. *International Journal of Indian Psychology*, 3(2). <https://doi.org/10.25215/0302.036>
- Rajhans, P. A., & Godavarthy, P. 2021. COVID-19 Combat Fatigue among the Healthcare Workers: The Time for Retrospection and Action. *Indian Journal of Critical Care Medicine : Peer-Reviewed, Official Publication of Indian Society of Critical Care Medicine*, 25(1), 3–5. <https://doi.org/10.5005/jp-journals-10071-23699>
- Rajkumar, R. P. 2020. COVID-19 and mental health: A review of the existing literature. *Asian Journal of Psychiatry*, 52(March), 102066. <https://doi.org/10.1016/j.ajp.2020.102066>
- Ran, L., Chen, X., Wang, Y., Wu, W., Zhang, L., & Tan, X. 2020. Risk Factors of Healthcare Workers With Coronavirus Disease 2019: A Retrospective Cohort Study in a Designated Hospital of Wuhan in China. *Clinical Infectious Diseases : An Official Publication of the Infectious Diseases Society of America*, 71(16). <https://doi.org/10.1093/cid/ciaa287>
- Ratnawati, L., & Sianturi, S. 2018. *Faktor-faktor yang berhubungan dengan kepatuhan perawat dalam melakukan hand hygiene.*
- Revelas, A. 2012. Healthcare - associated infections: A public health problem. *Nigerian Medical Journal*, 53(2), 59. <https://doi.org/10.4103/0300-1652.103543>
- Rivera-Torres, P., Araque-Padilla, R. A., & Montero-Simó, M. J. 2013. Job stress across gender: the importance of emotional and intellectual demands and social support in women. *International Journal of Environmental Research and Public Health*, 10(1). <https://doi.org/10.3390/ijerph10010375>
- Robert Ho. 2006. Handbook of Univariate and Multivariate Data Analysis and Interpretation with SPSS. In *Taylor & Francis Group*. Taylor & Francis Group. <https://doi.org/10.1198/000313008X332287>
- Roper, N., Logan, N., & Tierney, A. 1990. *Elements of Nursing* (3rd edn).

- Edinburgh: Churchill Livingstone.
- Rose-John, S. 2018. Interleukin-6 Family Cytokines. *Cold Spring Harbor Perspectives in Biology*, 10(2). <https://doi.org/10.1101/cshperspect.a028415>
- Rosenthal, V. D., Guzman, S., & Safdar, N. 2005. Reduction in nosocomial infection with improved hand hygiene in intensive care units of a tertiary care hospital in Argentina. *American Journal of Infection Control*, 33(7), 392–397. <https://doi.org/https://doi.org/10.1016/j.ajic.2004.08.009>
- Rossi, R., Socci, V., Pacitti, F., Di Lorenzo, G., Di Marco, A., Siracusano, A., & Rossi, A. 2020. Mental Health Outcomes Among Frontline and Second-Line Health Care Workers During the Coronavirus Disease 2019 (COVID-19) Pandemic in Italy. *JAMA Network Open*, 3(5), e2010185. <https://doi.org/10.1001/jamanetworkopen.2020.10185>
- Roy, C. 1971. Adaptation: a basis for nursing practice. In *Nursing outlook* (Vol. 19, Issue 4).
- Rudianto, Y. 2020. *Faktor-Faktor Individual Yang Berhubungan Dengan Tingkat Stres Pada Karyawan RS X Yogyakarta Pada Masa Pandemi COVID-19*. Univesitas Sanata Dharma.
- Sabri, L., & Hastono, S. P. 2016. *Analisis Data pada Bidang Kesehatan* (1st Ed.). PT RajaGrafindo Persada.
- Sabri, L., & Hastono, S. P. 2018. *Statistik kesehatan* (9th Ed.). Rajawali Pres.
- Sadule-Rios, N., & Aguilera, G. 2017. Nurses' perceptions of reasons for persistent low rates in hand hygiene compliance. *Intensive & Critical Care Nursing*, 42. <https://doi.org/10.1016/j.iccn.2017.02.005>
- Sampaio, F., Sequeira, C., & Teixeira, L. 2020. Nurses' Mental Health During the Covid-19 Outbreak: A Cross-Sectional Study. *Journal of Occupational and Environmental Medicine*, 62(10). <https://doi.org/10.1097/JOM.0000000000001987>
- Sands, M., Aiken, A. M., Cumming, O., & Aunger, R. 2020. The effect of behavioural interventions targeting hand hygiene practices among nurses in high-income hospital settings: a systematic review. *Public Health Reviews*, 41.
- Sands, M., & Aunger, R. 2020. Determinants of hand hygiene compliance among nurses in US hospitals: A formative research study. *PLoS ONE*, 15(4).
- Sani, F. N., & Pratiwi, M. R. 2017. *Hubungan Motivasi Perawat Dengan Tingkat Kepatuhan Melakukan Cuci Tangan*.

- Sanyaolu, A., Okorie, C., Hosein, Z., Patidar, R., Desai, P., Prakash, S., Jaferi, U., Mangat, J., & Marinkovic, A. 2021. Global Pandemicity of COVID-19: Situation Report as of June 9, 2020. *Infectious Diseases: Research and Treatment*, 14, 117863372199126. <https://doi.org/10.1177/1178633721991260>
- Saputra, R. T. 2016. *Hubungan Beban Kerja Perawat Dengan Mutu Pelayanan Keperawatan Di Rawat Inap Rumah Sakit Umum Daerah Sultan Syarif Mohamad Alkadrie Kota Pontianak*.
- Sarafis, P., Rousaki, E., Tsounis, A., Malliarou, M., Lahana, L., & Bamidis, P. 2016. The impact of occupational stress on nurses' caring behaviors and their health related quality of life. *BMC Nursing*. <https://doi.org/10.1186/s12912-016-0178-y>
- Sasaki, S., Fukada, M., Okuda, R., & Hatakeyama, K. 2013. *Self-assessment of clinical nursing competence in the one to five years of clinical experience in the A prefecture*. 64.
- Sasanti, S. D., & Shaluhiyah, Z. 2016. Personality Berpengaruh terhadap Terjadinya Stress Kerja Perawat di Ruang Rawat Inap Rumah Sakit Umum Kota Salatiga. *Jurnal Promosi Kesehatan Indonesia*, 11(1), 66. <https://doi.org/10.14710/jPKI.11.1.66-77>
- Satuan Tugas Penanganan COVID-19. 2021. *Situasi COVID-19 di Indonesia*. <https://bnpb-inacovid19.hub.arcgis.com/app/indonesia-covid-19-dashboard>
- Scheithauer, S., Batzer, B., Dangel, M., Passweg, J., & Widmer, A. 2017. Workload even affects hand hygiene in a highly trained and well-staffed setting: a prospective 365/7/24 observational study. *Journal of Hospital Infection*, 97(1). <https://doi.org/10.1016/j.jhin.2017.02.013>
- Sedgwick, P., & Marston, L. 2010. Statistical question: Odds ratios. *BMJ (Online)*, 341(7769), 407. <https://doi.org/10.1136/bmj.c4414>
- Şener, N., & Ersögütçü, F. 2019. Stress as A Basic Concept and Nursing Approaches. *Biomedical Journal of Scientific & Technical Research*, 21(5). <https://doi.org/10.26717/bjstr.2019.21.003669>
- Setia, M. S. 2016. Methodology Series Module 3: Cross-sectional Studies. *Indian Journal of Dermatology*, 61(3). <https://doi.org/10.4103/0019-5154.182410>
- Seto, W. H., Ching, T. Y., Yuen, K. Y., Chu, Y. B., & Seto, W. L. 1991. The enhancement of infection control in-service education by ward opinion leaders. *American Journal of Infection Control*, 19(2). [https://doi.org/10.1016/0196-6553\(91\)90044-d](https://doi.org/10.1016/0196-6553(91)90044-d)
- Shaukat, N., Ali, D. M., & Razzak, J. 2020. Physical and mental health impacts of

COVID-19 on healthcare workers: a scoping review. *International Journal of Emergency Medicine*, 13(1), 40. <https://doi.org/10.1186/s12245-020-00299-5>

Shechter, A., Diaz, F., Moise, N., Anstey, D. E., Ye, S., Agarwal, S., Birk, J. L., Brodie, D., Cannone, D. E., Chang, B., Claassen, J., Cornelius, T., Derby, L., Dong, M., Givens, R. C., Hochman, B., Homma, S., Kronish, I. M., Lee, S. A. J., ... Abdalla, M. 2020. Psychological distress, coping behaviors, and preferences for support among New York healthcare workers during the COVID-19 pandemic. *General Hospital Psychiatry*, 66. <https://doi.org/10.1016/j.genhosppsych.2020.06.007>

Shoja, E., Aghamohammadi, V., Bazyar, H., Moghaddam, H. R., Nasiri, K., Dashti, M., Choupani, A., Garaee, M., Aliasgharzadeh, S., & Asgari, A. 2020. Covid-19 effects on the workload of Iranian healthcare workers. *BMC Public Health*, 20(1). <https://doi.org/10.1186/s12889-020-09743-w>

Shreffler, J., Petrey, J., & Huecker, M. 2020. The impact of COVID-19 on healthcare worker wellness: A scoping review. *Western Journal of Emergency Medicine*, 21(5). <https://doi.org/10.5811/westjem.2020.7.48684>

Siagian, S. P. 2013. *Manajemen Sumber Daya Manusia*. Jakarta: Bumi Aksara.

Sinaga, S. E. N. 2016. *Kepatuhan Hand Hygiene Di Rumah Sakit Misi Rangkasbitung*.

Sinclair, A. J. 1983. Univariate analysis. In *Handbook of Exploration Geochemistry* (Vol. 2, Issue C). <https://doi.org/10.1016/B978-0-444-42038-1.50009-5>

Singarimbun, M., & Effendi, S. 1995. *Metode Penelitian Survey*. Jakarta: PT Pustaka LP3ES Indonesia.

Siregar, I. S. 2018. *Metode Penelitian Kuantitatif* (1st Ed.). Kencana Prenada Media Group.

Smith, M. J., & Sainfort, P. 1989. A balance theory of job design for stress reduction. *International Journal of Industrial Ergonomics*, 4.

Soulat, J., Sobaszek, A., Kelly-irving, M., & Lang, T. 2011. *Blood pressure and working conditions in hospital nurses and nursing assistants . The ORSOSA study Régis de Gaudemaris a , Aude Levant b ..* <https://doi.org/10.1016/j.acvd.2010.12.001>

Souza, D. de O. 2021. Health of nursing professionals: workload during the COVID-19 pandemic. *Revista Brasileira de Medicina Do Trabalho : Publicacao Oficial Da Associacao Nacional de Medicina Do Trabalho-ANAMT*, 18(4). <https://doi.org/10.47626/1679-4435-2020-600>

- SP, K. 2013. Variables in Research Designs. *Concise Handbook of Experimental Methods for the Behavioral and Biological Sciences*, 3(4). <https://doi.org/10.1201/9781420040869.ch4>
- Sriharan, A., Ratnapalan, S., Tricco, A. C., & Lupea, D. 2021. Women in healthcare experiencing occupational stress and burnout during COVID-19: A rapid review. *BMJ Open*, 11(4). <https://doi.org/10.1136/bmjopen-2021-048861>
- Stathopoulou, H., Karanikola, M. N. K., Panagiotopoulou, F., & Papathanassoglou, E. D. E. 2011. Anxiety levels and related symptoms in emergency nursing personnel in Greece. *Journal of Emergency Nursing*, 37(4); quiz 427. <https://doi.org/10.1016/j.jen.2010.03.006>
- Storey, C., Cheater, F., Ford, J., & Leese, B. 2009. Retaining older nurses in primary care and the community. *Journal of Advanced Nursing*, 65(7). <https://doi.org/10.1111/j.1365-2648.2009.05009.x>
- Storr, J., Twyman, A., Zingg, W., Damani, N., Kilpatrick, C., Reilly, J., Price, L., Egger, M., Grayson, M. L., Kelley, E., & Allegranzi, B. 2017. Core components for effective infection prevention and control programmes: new WHO evidence-based recommendations. *Antimicrobial Resistance and Infection Control*, 6, 6.
- Studenska, A. 2011. Educational level, gender and foreign language learning self-regulation difficulty. *Procedia - Social and Behavioral Sciences*, 29. <https://doi.org/https://doi.org/10.1016/j.sbspro.2011.11.373>
- Surucu, L., & Maslacki, A. 2020. Validity and Reliability in Quantitative Research. *Business & Management Studies: An International Journal*, 8(3). <https://doi.org/10.15295/bmij.v8i3.1540>
- Swansburg, R. C. 1999. *Introductory Management and Leadership for Nurses* (2nd Ed.). London: Jones and Bartlett Publishers, Inc.
- Syamsulastri. 2017. *Faktor yang berhubungan dengan Kepatuhan Perawat dalam Melakukan Hand Hygiene*.
- The International Council of Nurses (ICN). 2002. *Nursing Definitions*. <https://www.icn.ch/nursing-policy/nursing-definitions>
- Tim Mitigasi Ikatan Dokter Indonesia (PB IDI). 2020. Pedoman Standar Perlindungan Dokter di Era COVID-19. *Ikatan Dokter Indonesia*, 40.
- Tristanti Puspitasari, S., Arifin, S., . A., Farida Tantiani, F., & Wishnu Wardhana, L. 2020. The Differences in Stress Levels of Male and Female Nurses at Hospitals. *KNE Social Sciences*. <https://doi.org/10.18502/kss.v4i10.7430>
- Turner, D. P. 2020. Sampling Methods in Research Design. *Headache*, 60(1).

<https://doi.org/10.1111/head.13707>

Umansky, J., & Rantanen, E. 2016. Workload in Nursing. *Proceedings of the Human Factors and Ergonomics Society Annual Meeting*, 60(1).  
<https://doi.org/10.1177/1541931213601127>

Undang-Undang RI. 2003. *UU No. 20 Thn 2003: Sistem Pendidikan Nasional.*

Van de Mortel, T., Bourke, R., McLoughlin, J., Nonu, M., & Reis, M. 2001. Gender influences handwashing rates in the critical care unit. *American Journal of Infection Control*, 29(6). <https://doi.org/10.1067/mic.2001.119511>

Van den Oetelaar, W. F. J. M., Van Stel, H. F., Van Rheden, W., Stellato, R. K., & Grolman, W. 2016. Balancing nurses' workload in hospital wards: study protocol of developing a method to manage workload. *BMJ Open*, 6(11).  
<https://doi.org/10.1136/bmjopen-2016-012148>

Virtanen, M., Kurvinen, T., Terho, K., Oksanen, T., Peltonen, R., Vahtera, J., Routamaa, M., Elovaainio, M., & Kivimäki, M. 2009. Work hours, work stress, and collaboration among ward staff in relation to risk of hospital-associated infection among patients. *Medical Care*, 47(3).  
<https://doi.org/10.1097/MLR.0b013e3181893c64>

Walker, L. O., & Avant, K. C. 2011. *Strategies For Theory Construction In Nursing* (6th Editio). Pearson Education, Inc.

Wang, D., Hu, B., Hu, C., Zhu, F., Liu, X., Zhang, J., Wang, B., Xiang, H., Cheng, Z., Xiong, Y., Zhao, Y., Li, Y., Wang, X., & Peng, Z. 2020. Clinical Characteristics of 138 Hospitalized Patients With 2019 Novel Coronavirus-Infected Pneumonia in Wuhan, China. *JAMA*, 323(11)..

Watson, R. 2008. Research into ageing and older people. *Journal of Nursing Management*, 16(2). <https://doi.org/10.1111/j.1365-2834.2007.00834>.

Wihardja, H., Hariyati, R. T. S., & Gayatri, D. 2019. Analysis of Factors Related to The Mental Workload of Nurses During Interaction Through Nursing Care in the Intensive Care Unit. *Enfermeria Clinica*, 29.

Wilkinson, D., & Birmingham, P. 2003. *Using Research Instrument (A Guide For Researchers)*. Taylor & Francis Group.

Wilson, C. B. 2001. Safer handling practice for nurses: a review of the literature. *British Journal of Nursing (Mark Allen Publishing)*, 10(2).  
<https://doi.org/10.12968/bjon.2001.10.2.5393>

Winship, S., & McClunie-Trust, P. 2016. Factors influencing hand hygiene compliance among nurses: An integrative review. *KaiTiaki Nursing Research*, 7(1).

- Winurini, S. 2020. Permasalahan Kesehatan Mental Akibat Pandemi COVID-19. *Bidang Kesejahteraan Sosial Pusat Penelitian Badan Keahlian DPR RI*, 12(15).
- World Health Organization (WHO). 2009. Hand hygiene technical reference manual: to be used by health-care workers, trainers and observers of hand hygiene practices. In *Geneva: WHO*.
- World Health Organization (WHO). 2009. *WHO Guidelines on Hand Hygiene in Health Care: First Global Patient Safety Challenge Clean Care is Safer Care*.
- World Health Organization (WHO). 2021. *WHO Coronavirus (COVID-19)*. <https://covid19.who.int/>
- World Heath Organization (WHO). 2014. Health Care Associated Infections (Fact Sheet). *Patient Safety (A World Alliance for Safer Health Care)*.
- World Heath Organization (WHO). 2016. Guidelines on core components of infection prevention and control programmes at the national and acute health care facility level. In *World Health Organization*. Geneva: World Health Organization. <https://www.who.int/infection-prevention/publications/ipc-components-guidelines/en/>
- World Heath Organization (WHO). 2016. Prevention of Hospital-Acquired Infections. In *Surgical Infections* (2nd Edition). <https://doi.org/10.1089/sur.2016.048>
- World Heath Organization (WHO). 2020. *Novel Coronavirus (2019-nCoV) Situation Report 21 January 2020*. <https://doi.org/10.13070/mm.en.10.2867>
- World Heath Organization (WHO). 2020. *WHO Director-General's Opening Remarks at The Media Briefing on COVID-19 -- 11 March 2020*. <https://www.who.int/director-general/speeches/detail/who-director-general-s-opening-remarks-at-the-media-briefing-on-covid-19---11-march-2020>
- Wu, S. Y., Li, H. Y., Tian, J., Zhu, W., Li, J., & Wang, X. R. 2011. Health-related quality of life and its main related factors among nurses in China. *Industrial Health*, 49(2). <https://doi.org/10.2486/indhealth.MS1160>
- Yamamoto, Y., Okuda, R., & Fukada, M. 2021. Factors Affecting Clinical Nursing Competency: A Cross Sectional Study. *Yonago Acta Medica*, 64(1). <https://doi.org/10.33160/yam.2021.02.008>
- Zhang, S., Kong, X., Lamb, K. V, & Wu, Y. 2019. High nursing workload is a main associated factor of poor hand hygiene adherence in Beijing, China: An observational study. *International Journal of Nursing Practice*, 25(2). <https://doi.org/10.1111/ijn.12720>

- Zhang, W., & Liu, Y. L. 2016. Demonstration of caring by males in clinical practice: A literature review. *International Journal of Nursing Sciences*, 3(3). <https://doi.org/10.1016/j.ijnss.2016.07.006>
- Zhang, W. R., Wang, K., Yin, L., Zhao, W. F., Xue, Q., Peng, M., Min, B. Q., Tian, Q., Leng, H. X., Du, J. L., Chang, H., Yang, Y., Li, W., Shangguan, F. F., Yan, T. Y., Dong, H. Q., Han, Y., Wang, Y. P., Cosci, F., & Wang, H. X. 2020. Mental Health and Psychosocial Problems of Medical Health Workers during the COVID-19 Epidemic in China. *Psychotherapy and Psychosomatics*, 89(4). <https://doi.org/10.1159/000507639>
- Zheng, R., Zhou, Y., Qiu, M., Yan, Y., Yue, J., Yu, L., Lei, X., Tu, D., & Hu, Y. 2021. Prevalence and associated factors of depression, anxiety, and stress among Hubei pediatric nurses during COVID-19 pandemic. *Comprehensive Psychiatry*, 104, 152217. <https://doi.org/https://doi.org/10.1016/j.comppsych.2020.152217>
- Zhou, Q., Lai, X., Wan, C., Zhang, X., & Tan, L. 2020. *Impact of burnout, secondary traumatic stress and compassion satisfaction on hand hygiene of healthcare workers during the COVID- 19 Pandemic. December 2020.* <https://doi.org/10.21203/rs.3.rs-28820/v1>
- Zhou, Q., Lai, X., Wan, Z., Zhang, X., & Tan, L. 2021. Impact of burnout, secondary traumatic stress and compassion satisfaction on hand hygiene of healthcare workers during the COVID-19 pandemic. *Nursing Open*. <https://doi.org/10.1002/nop2.786>
- Zhou, Q., & Zhang, X. 2020. *Influence of workload, mental health and professional quality of life on healthcare workers' hand hygiene behavior in medical aid during COVID-19 pandemic.*
- Zhu, Z., Xu, S., Wang, H., Liu, Z., Wu, J., Li, G., Miao, J., Zhang, C., Yang, Y., Sun, W., Zhu, S., Fan, Y., Hu, J., Liu, J., & Wang, W. 2020. COVID-19 in Wuhan: Immediate psychological impact on 5062 Health Workers. *MedRxiv*, 1095. <https://doi.org/10.1101/2020.02.20.20025338>