

DAFTAR PUSTAKA

- Abadini, D., & Wuryaningsih, C. E. (2018). Determinan aktivitas fisik orang dewasa pekerja kantoran di Jakarta tahun 2018. *Jurnal Promosi Kesehatan Indonesia*, 14(1), 15–28.
- Ajmal, M., & Ahmad, S. (2019). *Exploration of anxiety factors among students of distance learning: A case study of Allama Iqbal Open University*. 12.
- Alves, J. M., Yunker, A. G., DeFendis, A., Xiang, A. H., & Page, K. A. (2020). Associations between affect, physical activity and anxiety among us children during COVID-19. *MedRxiv*, 1–24. <https://doi.org/10.1101/2020.10.20.20216424>
- Argaheni, N. B. (2020). Sistematis review: Dampak perkuliahan daring saat pandemi covid-19 terhadap mahasiswa Indonesia. *Placentum: Jurnal Ilmiah Kesehatan dan Aplikasinya*, 8(2), 99–108. <https://doi.org/10.20961/placentum.v8i2.43008>
- Arikunto, Suharsimi. 2014. *Prosedur penelitian suatu pendekatan praktik*. Jakarta : Rineka Cipta
- Beck, J. G. (2010). *Interpersonal processes in the anxiety disorders: Implications for understanding psychopathology and treatment*. Washington, DC, US: American Psychological Association. <https://doi.org/10.1037/12084-000>

Bell, S. L., Audrey, S., Gunnell, D., Cooper, A., & Campbell, R. (2019). The relationship between physical activity, mental wellbeing and symptoms of mental health disorder in adolescents: A cohort study. *International Journal of Behavioral Nutrition and Physical Activity*, 16(1), 1–12. <https://doi.org/10.1186/s12966-019-0901-7>

Biddle, S., Mutrie, N., Mutrie, P. N., & Gorely, T. (2015). *Psychology of physical activity: Determinants, well-being and interventions* (3rd ed.). Oxon, New York: Routledge.

Bouchard, C., Blair, S. N., & Haskell, W. L. (2012). *Physical Activity and Health* (2nd ed.). USA: Human Kinetics. <http://gen.lib.rus.ec/book/index.php?md5=1694c553dee15aeb9398e69629f6cc91>

Brewer, H., & Jalongo, M. R. (2018). *Physical activity and health promotion in the early years: effective strategies for early childhood educators* (1st ed.). Gewerbestrase, Switzerland: Springer.

<http://gen.lib.rus.ec/book/index.php?md5=d9cabd3028e5166177a7688c65914a1e>

Brown, D. R., Heath, G., Martin, S. L., Coordinating Center for Health Promotion (U.S.), & National Center for Chronic Disease Prevention and Health Promotion (U.S.) (Eds.). (2010). *Promoting physical activity: A guide for community action* (2nd ed.). USA: Human Kinetics.



Bull, F. C., Maslin, T. S., & Armstrong, T. (2009). Global physical activity questionnaire (gpaq): nine country reliability and validity study. *Journal of Physical Activity and Health*, 6(6), 790–804.
<https://doi.org/10.1123/jpah.6.6.790>

Cadenas-Sanchez, C., Migueles, J. H., Esteban-Cornejo, I., Mora-Gonzalez, J., Henriksson, P., Rodriguez-Ayllon, M., Molina-García, P., Löf, M., Labayen, I., Hillman, C. H., Catena, A., & Ortega, F. B. (2020). Fitness, physical activity and academic achievement in overweight/obese children. *Journal of Sports Sciences*, 38(7), 731–740.
<https://doi.org/10.1080/02640414.2020.1729516>

Carter, T., Pascoe, M., Bastounis, A., Morres, I., Callaghan, P., & Parker, A. G. (2021). The effect of physical activity on anxiety in children and young people: A systematic review and meta-analysis. *Journal of Affective Disorders*. <https://doi.org/10.1016/j.jad.2021.02.026>

Caspersen, C. J., Powell, K. E., & Christenson, G. M. (1985). *Physical activity, exercise, and physical fitness: Definitions and distinctions for health-related research*. 6.

Chen, C.-M. (2009). Personalized E-learning system with self-regulated learning assisted mechanisms for promoting learning performance. *Expert Systems with Applications*, 36(5), 8816–8829.

<https://doi.org/10.1016/j.eswa.2008.11.026>

Cleland, C. L., Hunter, R. F., Kee, F., Cupples, M. E., Sallis, J. F., & Tully, M. A. (2014). Validity of the Global Physical Activity Questionnaire (GPAQ) in assessing levels and change in moderate-vigorous physical activity and sedentary behaviour. *BMC Public Health*, *14*(1), 1–11. <https://doi.org/10.1186/1471-2458-14-1255>

Dahlan, M. S. (2010). *Mendiagnosis dan menata laksana 13 penyakit statistik: Disertai aplikasi program stata* (1st ed.). Jakarta: CV Agung Seto.

Damayanti, M. R., & Karin, P. A. E. S. (2016). Gambaran pola perilaku hidup sehat pada mahasiswa program studi ilmu keperawatan fakultas kedokteran universitas udayana. *Coping: Community of Publishing in Nursing*, *4*(1), 28–35.

Dinas, P. C., Koutedakis, Y., & Flouris, A. D. (2011). Effects of exercise and physical activity on depression. *Irish Journal of Medical Science*, *180*(2), 319–325. <https://doi.org/10.1007/s11845-010-0633-9>

Dohrn, I.-M., Papenberg, G., Winkler, E., & Welmer, A.-K. (2020). Impact of dopamine-related genetic variants on physical activity in old age—a cohort study. *International Journal of Behavioral Nutrition and Physical Activity*, *17*, 1–8.

Donsu, J. D. T. (2016). *Metodologi peneitian keperawatan*. Yogyakarta: Pustakabarupress.

Draper, N., & Stratton, G. (Eds.). (2019). *Physical activity: A multi-disciplinary introduction*. Oxon, New York: Routledge.

Duli, N. (2019). *Metodologi penelitian kuantitatif: Beberapa konsep dasar untuk penulisan skripsi dan analisis data dengan SPSS*. Yogyakarta: Deepublish.

Fisher, J. J., Kaitelidou, D., & Samoutis, G. (2019). Happiness and physical activity levels of first year medical students studying in Cyprus: A cross-sectional survey. *BMC Medical Education*, 19(1), 1–7.
<https://doi.org/10.1186/s12909-019-1790-9>

Harold & Heather. (2013). *Educating the student body: Taking physical activity and physical education to school*. Washington, DC: National Academies Press.
<https://doi.org/10.17226/18314>

Hemphill, N. M., Kuan, M. T. Y., & Harris, K. C. (2020). Reduced physical activity during COVID-19 pandemic in children with congenital heart disease. *Canadian Journal of Cardiology*, 36(7), 1130–1134.
<https://doi.org/10.1016/j.cjca.2020.04.038>

Hendsun, H., Firmansyah, Y., Putra, A. E., Agustian, H., & Sumampouw, H. C. (2021). Gambaran aktivitas fisik mahasiswa selama pembelajaran jarak jauh dan masa pandemik covid-19 : *Jurnal Medika Hutama*, 2(02), 726–732.

Hidayat. (2017). *Metodologi penelitian kesehatan*. Jakarta: Bineka Cipta.

Hofmann, S. G., Asnaani, A., & Hinton, D. E. (2010). Cultural aspects in social anxiety and social anxiety disorder. *Depression and Anxiety*, 27(12), 1117–1127. <https://doi.org/10.1002/da.20759>

Hogan, M. (2012). *Pearson reviews & rationales: Mental health nursing with nursing reviews & rationales* (3rd ed.). Boston Mass, London: Pearson.

Islam, Md. A., Barna, S. D., Raihan, H., Khan, Md. N. A., & Hossain, Md. T. (2020). Depression and anxiety among university students during the COVID-19 pandemic in Bangladesh: A web-based cross-sectional survey. *Plos One*, 15(8), 1–12. <https://doi.org/10.1371/journal.pone.0238162>

Jones, J. D., Timblin, H., Rahmani, E., Garrett, S., Bunch, J., Beaver, H., & Hill, C. R. (2021). Physical activity as a mediator of anxiety and cognitive functioning in Parkinson's disease. *Mental Health and Physical Activity*, 20, 1–6. <https://doi.org/10.1016/j.mhpa.2021.100382>

Kanosue, K., Oshima, S., Cao, Z.-B., & Oka, K. (Eds.). (2015). *Physical activity, exercise, sedentary behavior and health*. Japan: Springer Japan. <https://doi.org/10.1007/978-4-431-55333-5>

Kariuki-Nyuthe, C., & Stein, D. J. (2014). Anxiety and related disorders and physical illness. *Key Issues in Mental Health*, 179, 81–87. <https://doi.org/10.1159/000365538>

Kartina, N. A. (2020). *Asuhan keperawatan komunitas: Pendidikan kesehatan panduan membaca informasi nilai gizi dan pemilihan makanan kemasan*

dalam meningkatkan pengetahuan dan kepatuhan mahasiswa untuk mengendalikan obesitas di fakultas keperawatan universitas andalas tahun 2020. 153.

Kayani, S., Kiyani, T., Kayani, S., Morris, T., Biasutti, M., & Wang, J. (2021). Physical activity and anxiety of chinese university students: mediation of self-system. *International Journal of Environmental Research and Public Health*, 18(9), 4468. <https://doi.org/10.3390/ijerph18094468>

Khairatul 'Ulya, 160209027. (2020). *Persepsi mahasiswa PGMI UIN Ar-Raniry terhadap sistem pembelajaran online pada masa pandemi COVID-19* [Skripsi, UIN AR-RANIRY]. Retrived in <https://repository.ar-raniry.ac.id/id/eprint/14249/>

Keele, R. (2019). To Role Model or Not? Nurses' Challenges in Promoting a Healthy Lifestyle. *Workplace Health & Safety*, 67(12), 584–591. <https://doi.org/10.1177/2165079919828738>

Kiive, E., Maaros, J., Shlik, J., Tõru, I., & Harro, J. (2004). Growth hormone, cortisol and prolactin responses to physical exercise: Higher prolactin response in depressed patients. *Progress in Neuro-Psychopharmacology & Biological Psychiatry*, 28(6), 1007–1013. <https://doi.org/10.1016/j.pnpbp.2004.05.035>

Lee, I.-M., Shiroma, E. J., Lobelo, F., Puska, P., Blair, S. N., & Katzmarzyk, P. T. (2012). Effect of physical inactivity on major non-communicable diseases

worldwide: An analysis of burden of disease and life expectancy. *The Lancet*, 380(9838), 219–229. [https://doi.org/10.1016/S0140-6736\(12\)61031-9](https://doi.org/10.1016/S0140-6736(12)61031-9)

Lesser, I. A., & Nienhuis, C. P. (2020). The impact of COVID-19 on physical activity behavior and well-being of Canadians. *International Journal of Environmental Research and Public Health*, 17(11), 3899. <https://doi.org/10.3390/ijerph17113899>

Luciano, F., Cenacchi, V., Vegro, V., & Pavei, G. (2020). COVID-19 lockdown: Physical activity, sedentary behaviour and sleep in Italian medicine students. *European Journal of Sport Science*, 1–10. <https://doi.org/10.1080/17461391.2020.1842910>

Makalew, M. S., Amisi, M. D., & Kapantow, N. H. (2021). *Gambaran aktivitas fisik mahasiswa semester VI fakultas kesehatan masyarakat UNSRAT saat pembatasan sosial masa pandemi covid-19*. 10(1), 9.

Maras, D., Flament, M. F., Murray, M., Buchholz, A., Henderson, K. A., Obeid, N., & Goldfield, G. S. (2015). Screen time is associated with depression and anxiety in Canadian youth. *Preventive Medicine*, 73, 133–138. <https://doi.org/10.1016/j.ypmed.2015.01.029>

Maugeri, G., Castrogiovanni, P., Battaglia, G., Pippi, R., D'Agata, V., Palma, A., ... Musumeci, G. (2020). The impact of physical activity on psychological health during Covid-19 pandemic in Italy. *Heliyon*, 6(6), e04315.

<https://doi.org/10.1016/j.heliyon.2020.e04315>

Meri, H. (2020). *Gambaran tingkat stres, kecemasan dan depresi pada mahasiswa universitas andalas dalam menghadapi pandemi COVID-19* [Diploma, Universitas Andalas]. <http://scholar.unand.ac.id/60345/>

Mitchell, E. S., & Neumaier, J. F. (2005). 5-HT₆ receptors: A novel target for cognitive enhancement. *Pharmacology & Therapeutics*, *108*(3), 320–333. <https://doi.org/10.1016/j.pharmthera.2005.05.001>

Moawd, S. A., Elsayed, S. H., Abdelbasset, W. K., Nambi, G., & Verma, A. (2020). Impact of different physical activity levels on academic performance of PSAU medical female students. *Archives of Pharmacy Practice*, *11*(1), 5.

Mustakim, M. (2020). Efektivitas pembelajaran daring menggunakan media online selama pandemi COVID-19 pada mata pelajaran matematika. *Al asma : Journal of Islamic Education*, *2*(1), 1–12. <https://doi.org/10.24252/asma.v2i1.13646>

Ng, K., Cooper, J., McHale, F., Clifford, J., & Woods, C. (2020). Barriers and facilitators to changes in adolescent physical activity during COVID-19. *BMJ Open Sport & Exercise Medicine*, *6*(1), e000919. <https://doi.org/10.1136/bmjsem-2020-000919>

Notoatmodjo, S. (2018). *Metodologi penelitian kesehatan*. Jakarta: Rineka Cipta.

Nursalam. (2013). *Konsep dan penerapan metodologi penelitian ilmu*

keperawatan: Pedoman skripsi, thesis, dan instrumen penelitian keperawatan. Jakarta: Salemba Medika.

O'Brien, W. J., Shultz, S. P., Firestone, R. T., George, L., & Kruger, R. (2019). Ethnic-specific suggestions for physical activity based on existing recreational physical activity preferences of New Zealand women. *Australian and New Zealand Journal of Public Health*, 43(5), 443–450. <https://doi.org/10.1111/1753-6405.12902>

Ociskova, M., Prasko, J., Latalova, K., Kamaradova, D., & Grambal, A. (2016). Psychological factors and treatment effectiveness in resistant anxiety disorders in highly comorbid inpatients. *Neuropsychiatric Disease and Treatment*, 12, 1539–1551. <https://doi.org/10.2147/NDT.S104301>

Oktawirawan, D. H. (2020). Faktor pemicu kecemasan siswa dalam melakukan pembelajaran daring di masa pandemi Covid-19. *Jurnal Ilmiah Universitas Batanghari Jambi*, 20(2), 541. <https://doi.org/10.33087/jiubj.v20i2.932>

Organisation mondiale de la santé. (2020). *WHO guidelines on physical activity and sedentary behaviour.* World Health Organization. <https://creativecommons.org/licenses/by-nc-sa/3.0/igo>

Pardede, J. A., & Simangunsong, M. M. (2020). Family support with the level of preschool children anxiety in the intravenous installation. *Jurnal*

Keperawatan Jiwa, 8(3), 223–234.

<https://doi.org/10.26714/jkj.8.3.2020.223-234>

Pilipović-Spasojević, O., Ponorac, N., & Spremo, M. (2020). Correlation of physical activity with stress, depression and anxiety in female students. *Scripta Medica*, 51(4), 244–251. <https://doi.org/10.5937/scriptamed51-27863>

Pitman, S. R., & Knauss, D. P. C. (2020). Contemporary psychodynamic approaches to treating anxiety: Theory, research, and practice. In Y.-K. Kim (Ed.), *Anxiety Disorders* (Vol. 1191, pp. 451–464). Singapore: Springer Singapore. https://doi.org/10.1007/978-981-32-9705-0_23

Potter, P. A., & Perry, A. G. (2013). *Foundaamental of Nursing* (8th ed.). Canada: Elsevier Inc. www.elsevier.com/permissions

Purwanto, A., Pramono, R., Asbari, M., Hyun, C. C., Wijayanti, L. M., Putri, R. S., & Santoso, priyono B. (2020). Studi eksploratif dampak pandemi COVID-19 terhadap proses pembelajaran online di sekolah dasar. *EduPsyCouns: Journal of Education, Psychology and Counseling*, 2(1), 1–12.

Rachmi, F. (2015). *Hubungan kecemasan dengan frekuensi angina pada pasien sindrom koroner akut di poliklinik jantung RSUP Dr. Hasan Sadikin Bandung.*

<http://repository.unpad.ac.id/frontdoor/index/index/docId/137867>

Ribeiro, F. E., Palma, M. R., Silva, D. T. C., Tebar, W. R., Vanderlei, L. C. M., Fregonesi, C. E. P. T., & Christofaro, D. G. D. (2020). Relationship of anxiety and depression symptoms with the different domains of physical activity in breast cancer survivors. *Journal of Affective Disorders*, 273, 210–214. <https://doi.org/10.1016/j.jad.2020.03.110>

Rosbjerg, R., Zachariae, R., Hansen, D. G., Hoejris, I., Duijts, S., Gehr, N. L., ...Labriola, M. (2021). Physical activity, return to work self-efficacy, and work status among employees undergoing chemotherapy for cancer—A prospective study with 12 months follow-up. *BMC Cancer*, 21(1), 1–16. <https://doi.org/10.1186/s12885-021-07824-6>

Sadock, B. J., Sadock, V. A., & Ruiz, P. (2014). *Kaplan & Sadock's synopsis of psychiatry behavioral sciences/clinical psychiatry* (11th ed.). New York, USA: Wolters Kluwer Health.

Saja, A. (2017). *Gerakan masyarakat hidup sehat*. Indonesia: Warta kesmas

Sari, M. K. (2020). Tingkat stres mahasiswa s1 keperawatan tingkat satu dalam menghadapi wabah covid 19 dan perkuliahan daring di STIKES Karya Husada Kediri. *Jurnal Ilmiah Pamenang*, 2(1), 31–35.

Singh, A., & Purohit, B. (2011). Evaluation of Global Physical Activity Questionnaire (GPAQ) among healthy and obese health professionals in central India. *Baltic Journal of Health and Physical Activity*, 3(1), 34–43. <https://doi.org/10.2478/v10131-011-0004-6>

Slavinski, T., Bjelica, D., Pavlović, D., & Vukmirović, V. (2021). Academic performance and physical activities as positive factors for life satisfaction among university students. *Sustainability*, 13(2), 1–17.
<https://doi.org/10.3390/su13020497>

Siregar, I. A., & Rahman, L. O. A. (2020). Peran Aplikasi M-Health Dalam Promosi Kesehatan Aktivitas Fisik. *Jurnal Kesehatan*, 9(1), 1–12.
<https://doi.org/10.46815/jkanwvol8.v9i1.86>

Steiner, H., Fuchs, S., & Accili, D. (1997). D3 dopamine receptor-deficient mouse: Evidence for reduced anxiety. *Physiology & Behavior*, 63(1), 137–141.
[https://doi.org/10.1016/S0031-9384\(97\)00430-7](https://doi.org/10.1016/S0031-9384(97)00430-7)

Strath, S., Kaminsky, L., Ainsworth, B., Ekelund, U., Freedson, P., Gary, R., ... Swartz, A. (2013). Guide to the assessment of physical activity: Clinical and research applications a scientific statement from the american heart association. *Circulation*, 128, 1–21.
<https://doi.org/10.1161/01.cir.0000435708.67487.da>

Sugiyono. (2016). *Statistika untuk penelitian*. Bandung: Alfabeta.

Sutejo. (2019). *Konsep dan praktik asuhan keperawatan kesehatan jiwa: Gangguan jiwa dan psikosial*. Yogyakarta: PT. Pustaka Baru.

Wang, C., Zhao, H., & Zhang, H. (2020). Chinese college students have higher anxiety in new semester of online learning during COVID-19: A machine learning approach. *Frontiers in Psychology, 11*, 587413. <https://doi.org/10.3389/fpsyg.2020.587413>

Xiang, M.-Q., Tan, X.-M., Sun, J., Yang, H.-Y., Zhao, X.-P., Liu, L., ...Hu, M. (2020). Relationship of physical activity with anxiety and depression symptoms in Chinese college students during the COVID-19 outbreak. *Frontiers in Psychology, 11*, 582436. <https://doi.org/10.3389/fpsyg.2020.582436>

Young, S. N. (2007). How to increase serotonin in the human brain without drugs. *J Psychiatry Neurosci, 394–399*.

Zhong, B.-L., Luo, W., Li, H.-M., Zhang, Q.-Q., Liu, X.-G., Li, W.-T., & Li, Y. (2020). Knowledge, attitudes, and practices towards COVID-19 among Chinese residents during the rapid rise period of the COVID-19 outbreak: A quick online cross-sectional survey. *International Journal of Biological Sciences, 16(10)*, 1745–1752. <https://doi.org/10.7150/ijbs.4522>