

DAFTAR PUSTAKA

- Alshehre, Y. M., Pakkir Mohamed, S. H., Nambi, G., Almutairi, S. M., & Alharazi, A. A. (2023). Effectiveness of Physical Exercise on Pain, Disability, Job Stress, and Quality of Life in Office Workers with Chronic Non-Specific Neck Pain: A Randomized Controlled Trial. *Healthcare (Switzerland)*, *11*(16). <https://doi.org/10.3390/healthcare11162286>
- Apple Watch. (2024). *Apple Smartwatch*. Apple Inc. <https://www.apple.com/id/watch/>
- Bailey, B. P., Konstan, J. A., & Carlis, J. V. (2000). Measuring the effects of interruptions on task performance in the user interface. *Proceedings of the IEEE International Conference on Systems, Man and Cybernetics*, *2*, 757–762. <https://doi.org/10.1109/ICSMC.2000.885940>
- Beh, P. K., Ganesan, Y., Iranmanesh, M., & Foroughi, B. (2021). Using smartwatches for fitness and health monitoring: the UTAUT2 combined with threat appraisal as moderators. *Behaviour and Information Technology*, *40*(3), 282–299. <https://doi.org/10.1080/0144929X.2019.1685597>
- Bhattacharjee, A. B. (2001). *Understanding Information Systems Continuance: An Expectation-Confirmation Model* Author(s). *25*(3), 351–370.
- Bliss, J. P., & Dunn, M. C. (2000). Behavioural implications of alarm mistrust as a function of task workload. *Ergonomics*, *43*(9), 1283–1300.
- BPS-Statistics Indonesia. (2022). *STATISTIK TELEKOMUNIKASI INDONESIA*. In *Badan Pusat Statistik*.
- Buckland, A. J., Beaubrun, B. M., Isaacs, E., Moon, J., Zhou, P., Horn, S., Poorman, G., Tishelman, J. C., Day, L. M., Errico, T. J., Passias, P. G., & Protopsaltis, T. (2018). Psoas morphology differs between supine and sitting magnetic resonance imaging lumbar spine: Implications for lateral lumbar interbody fusion. *Asian Spine Journal*, *12*(1), 29–36. <https://doi.org/10.4184/asj.2018.12.1.29>
- Bustamante, E. A., Bliss, J. P., & Anderson, B. L. (2007). Effects of varying the threshold of alarm systems and workload on human performance. *Ergonomics*,

- 50(7), 1127–1147. <https://doi.org/10.1080/00140130701237345>
- Bustamante, Ernesto A. (2005). A signal detection analysis of the effects of workload, task-critical and likelihood information on human alarm response. *Proceedings of the Human Factors and Ergonomics Society*, 1513–1517. <https://doi.org/10.1177/154193120504901702>
- Cauchard, J. R., Cheng, J. L., & Landay, J. A. (2016). *Act iVibe: Design and Evaluation of Vibrations for Progress Monitoring*. 1–11. <https://doi.org/10.1145/2858036.2858046>
- Chandrasekaran, B., Pesola, A. J., & Rao, C. R. (2021). *Does-breaking-up-prolonged-sitting-improve-cognitive-functions-in-sedentary-adults-A-mapping-review-and-hypothesis-formulation-on-the-potential-physiological-mechanismsBMC-Musculoskeletal-Disorders.pdf*. 5, 1–16.
- Chen, C.-H.; Huang, M. (2021). The Impact of Notification Modality and Ambient Sound on Users' Mobile Interaction. *Symmetry*, 13(395). <https://doi.org/https://doi.org/10.3390/sym13030395>
- Chun, J., Dey, A., Lee, K., & Kim, S. J. (2018). A qualitative study of smartwatch usage and its usability. *Human Factors and Ergonomics In Manufacturing*, 28(4), 186–199. <https://doi.org/10.1002/hfm.20733>
- Davis, K. G., & Kotowski, S. E. (2014). Postural variability: An effective way to reduce musculoskeletal discomfort in office work. *Human Factors*, 56(7), 1249–1261. <https://doi.org/10.1177/0018720814528003>
- Delamare, W., Harada, D., Yang, L., & Ren, X. (2024). International Journal of Human - Computer Studies Guiding gaze gestures on smartwatches: Introducing fireworks. *International Journal of Human - Computer Studies*, 183(June 2023), 103196. <https://doi.org/10.1016/j.ijhcs.2023.103196>
- Destreza, F. G., Concepcion, R. A., & Roxas, M. B. (2023). Sitting Posture Notification and Monitoring System: A sensor application. *ICSET 2023 - 2023 IEEE 13th International Conference on System Engineering and Technology, Proceeding*, October, 18–23. <https://doi.org/10.1109/ICSET59111.2023.10295077>
- Dunstan, D. W., Howard, B., Healy, G. N., & Owen, N. (2012). Too much sitting -

- A health hazard. *Diabetes Research and Clinical Practice*, 97(3), 368–376.
<https://doi.org/10.1016/j.diabres.2012.05.020>
- Fu, J., Jiang, B., & Yang, X. (2016). Research on natural gesture interaction of smartwatch. *Proceedings - 2016 8th International Conference on Intelligent Human-Machine Systems and Cybernetics, IHMSC 2016*, 2, 566–569.
<https://doi.org/10.1109/IHMSC.2016.253>
- Galinsky, T. L., Swanson, N. G., Sauter, S. L., Hurrell, J. J., & Schleifer, L. M. (2000). A field study of supplementary rest breaks for data-entry operators. *Ergonomics*, 43(5), 622–638. <https://doi.org/10.1080/001401300184297>
- Galinsky, T., Swanson, N., Sauter, S., Dunkin, R., Hurrell, J., & Schleifer, L. (2007). Supplementary breaks and stretching exercises for data entry operators: A follow up field study. *American Journal of Industrial Medicine*, 50(7), 519–527. <https://doi.org/10.1002/ajim.20472>
- Ghanbari, A. M., Ghanbari, S., & Norouzi, Y. (2017). *A New Approach to Architecture of Human- computer Interaction*. November, 28–30.
- Goldstein, D. (2019). *Wearables Market Growth*. Mekko Graphics.
<https://www.mekkoanalytics.com/wearables-market-growth/>
- González-Cañete, F. J., & Casilari, E. (2021). A feasibility study of the use of smartwatches in wearable fall detection systems. *Sensors*, 21(6).
<https://doi.org/10.3390/s21062254>
- Goodman, S., Kirchner, S., Guttman, R., Jain, D., Froehlich, J., & Findlater, L. (2020). *Evaluating Smartwatch-based Sound Feedback for Deaf and Hard-of-hearing Users Across Contexts. 1*, 1–13.
- Graham-Knight, J. B., Corbett, J. M. R., Lasserre, P., Liang, H. N., & Hasan, K. (2020). Exploring Haptic Feedback for Common Message Notification between Intimate Couples with Smartwatches. *ACM International Conference Proceeding Series*, 245–252. <https://doi.org/10.1145/3441000.3441012>
- Guéguen, N., Joule, R. V., Courbet, D., Halimi-Falkowicz, S., & Marchand, M. (2013). Repeating “yes” in a first request and compliance with a later request: The four walls technique. *Social Behavior and Personality*, 41(2), 199–202.
<https://doi.org/10.2224/sbp.2013.41.2.199>

- Hecht, D., Reiner, M., & Karni, A. (2008). Enhancement of response times to bi- and tri-modal sensory stimuli during active movements. *Experimental Brain Research*, 185(4), 655–665. <https://doi.org/10.1007/s00221-007-1191-x>
- Hindelang, M., Wecker, H., Biedermann, T., & Zink, A. (2024). Continuously monitoring the human machine? – A cross-sectional study to assess the acceptance of wearables in Germany. *Health Informatics Journal*, 30(2). <https://doi.org/10.1177/14604582241260607>
- Hutter, K., Hautz, J., & Fu, J. (2013). *The impact of user interactions in social media on brand awareness and purchase intention: the case of MINI on Facebook*. 6(July), 342–351. <https://doi.org/10.1108/JPBM-05-2013-0299>
- Irmak, A., Irmak, R., & Bumin, G. (2011). Exercise reminder software for office workers. *Communications in Computer and Information Science*, 174 CCIS(PART 2), 410–414. https://doi.org/10.1007/978-3-642-22095-1_83
- Isakadze, N., & Martin, S. S. (2020). How useful is the smartwatch ECG? *Trends in Cardiovascular Medicine*, 30(7), 442–448. <https://doi.org/10.1016/j.tcm.2019.10.010>
- Jovanov, E., Ieee, S. M., Wright, S., & Ganegoda, H. (2019). Development of an Automated 30 Second Chair Stand Test Using Smartwatch Application. *2019 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, 2474–2477.
- Kalantarian, H., & Sarrafzadeh, M. (2015). Audio-based detection and evaluation of eating behavior using the smartwatch platform. *Computers in Biology and Medicine*, 65, 1–9. <https://doi.org/10.1016/j.compbiomed.2015.07.013>
- Kang, J. J., Luan, T. H., & Larkin, H. (2016). Alarm notification of body sensors utilising activity recognition and smart device application. *ACM International Conference Proceeding Series*, 105–109. <https://doi.org/10.1145/3007120.3007153>
- Keil, A., & Gegier, K. (2016). *A Smartwatch-Driven Medication Management System Compliant to the German Medication Plan*. 0, 1–5. <https://doi.org/10.3233/978-1-61499-678-1-185>
- Kerber, F. (2016). *Managing Smartwatch Notifications through Filtering and*

Ambient Illumination.

- Khurana, R., Banovic, N., & Lyons, K. (2018). In only 3 minutes: Perceived exertion limits of smartwatch use. *Proceedings - International Symposium on Wearable Computers, ISWC*, 208–211. <https://doi.org/10.1145/3267242.3267285>
- Kim, S. Bin, Lee, S. J., & Han, J. H. (2018). StretchArms: Promoting Stretching Exercise with a Smartwatch. *International Journal of Human-Computer Interaction*, 34(3), 218–225. <https://doi.org/10.1080/10447318.2017.1342408>
- Koma, B. S., Bergh, A. M., & Costa-Black, K. M. (2019). Barriers to and facilitators for implementing an office ergonomics programme in a South African research organisation. *Applied Ergonomics*, 75(September 2018), 83–90. <https://doi.org/10.1016/j.apergo.2018.09.003>
- Laborde, C. R., Cenko, E., Mardini, M. T., & Nerella, S. (2021). *Satisfaction, Usability, and Compliance With the Use of Smartwatches for Ecological Momentary Assessment of Knee Osteoarthritis Symptoms in Older Adults: Usability Study Corresponding Author: 4*, 1–13. <https://doi.org/10.2196/24553>
- Larouche, M. L., Mullane, S. L., Toledo, M. J. L., Pereira, M. A., Huberty, J. L., Ainsworth, B. E., & Buman, M. P. (2018). Using point-of-choice prompts to reduce sedentary behavior in sit-stand workstation users. *Frontiers in Public Health*, 6(NOV), 1–11. <https://doi.org/10.3389/fpubh.2018.00323>
- Lee, Sinjae, Kim, S., & B, J. H. (2016). *Promoting Stretching Activity with Smartwatch - A Pilot Study. 2*, 211–216. <https://doi.org/10.1007/978-3-319-46100-7>
- Lee, Stefany, De Barros, F. C., De Castro, C. S. M., & De Oliveira Sato, T. (2021). Effect of an ergonomic intervention involving workstation adjustments on musculoskeletal pain in office workers—a randomized controlled clinical trial. *Industrial Health*, 59(2), 78–85. <https://doi.org/10.2486/indhealth.2020-0188>
- Lee, Sunwoo, & Lee, D. H. (2021). *Usable User Authentication on a Smartwatch using Vibration*. 304–319. <https://doi.org/10.1145/3460120.3484553>
- Leighton, T. (2009). *Improving Performance on the Internet. 52*, 44–51.

<https://doi.org/10.1145/1461928.1461944>

Liu, G., Zhang, C., & Sun, X. (2020). *Tri-Modal Tactile Display and Its Application Into Tactile Perception of Visualized Surfaces*. *13*(4), 733–744.

Lutze, R., & Waldhör, K. (2015). A smartwatch software architecture for health hazard handling for elderly people. *Proceedings - 2015 IEEE International Conference on Healthcare Informatics, ICHI 2015*, 356–361.
<https://doi.org/10.1109/ICHI.2015.50>

Ma, J., Ma, D., Li, Z., & Kim, H. (2021). Effects of a workplace sit–stand desk intervention on health and productivity. *International Journal of Environmental Research and Public Health*, *18*(21).
<https://doi.org/10.3390/ijerph182111604>

Matusz, P. J., Broadbent, H., Ferrari, J., Forrest, B., Merkley, R., & Scerif, G. (2015). Multi-modal distraction : Insights from children ’ s limited attention. *Cognition*, *136*, 156–165. <https://doi.org/10.1016/j.cognition.2014.11.031>

Morris, A. S., Mackintosh, K. A., Owen, N., Dempsey, P. C., Dunstan, D. W., & McNarry, M. A. (2021). Rise and recharge: Exploring employee perceptions of and contextual factors influencing an individual-level e-health smartphone intervention to reduce office workers’ sedentary time at work. *International Journal of Environmental Research and Public Health*, *18*(18).
<https://doi.org/10.3390/ijerph18189627>

Mortazavi, B., Nemati, E., Wall, K. Vander, Flores-Rodriguez, H. G., Cai, J. Y. J., Lucier, J., Naeim, A., & Sarrafzadeh, M. (2015). Can smartwatches replace smartphones for posture tracking? *Sensors (Switzerland)*, *15*(10), 26783–26800. <https://doi.org/10.3390/s151026783>

Mund, I., Bell, R., & Buchner, A. (2010). *Age Differences in Reading With Distraction : Sensory or Inhibitory Deficits ?* *25*(4), 886–897.
<https://doi.org/10.1037/a0019508>

Nicolson, G., Hayes, C., & Darker, C. (2019). Examining total and domain-specific sedentary behaviour using the socio-ecological model - A cross-sectional study of Irish adults. *BMC Public Health*, *19*(1), 1–13.
<https://doi.org/10.1186/s12889-019-7447-0>

- Niven, A., & Hu, D. (2018). Office workers' beliefs about reducing sitting time at work: a belief elicitation study. *Health Psychology and Behavioral Medicine*, 6(1), 15–29. <https://doi.org/10.1080/21642850.2018.1428103>
- Patrick, R. P., Jian, Z., & Yi, W. (2020). *Computers & Education Distractive effect of multimodal information in multisensory learning*. 144(August 2019). <https://doi.org/10.1016/j.compedu.2019.103699>
- Pei, H., Yu, S., Babski-Reeves, K., Chu, J., Qu, M., Tian, B., & Li, W. (2017). Quantification of Lower Extremity Physical Exposures In Various Combinations of Sit/Stand Time Duration Associated With Sit-Stand Workstation. *Medycyna Pracy*, 68(3), 315–327.
- Rawassizadeh, R., Price, B. A., & Petre, M. (2015). *Wearables: Has the Age of Smartwatches Finally Arrived? January*, 6–9. <https://doi.org/10.1145/2629633>
- Salim, F., & Kim, S. (2023). “i Can Feel What i Used”: A Diary Study of Smartwatch Features and Emotional Experiences. *Proceedings of the 25th International Conference on Mobile Human-Computer Interaction, MobileHCI 2023 Companion, September*. <https://doi.org/10.1145/3565066.3608689>
- Salle, D. La, & Zobel, S. (2023). *Factors Affecting Student Compliance in Asynchronous Classes of the Grade 11 Students*. 20(June), 18–32.
- Sangari, A., Bingham, M. A., Cummins, M., Sood, A., Tong, A., Purcell, P., & Schlesinger, J. J. (2023). A Spatiotemporal and Multisensory Approach to Designing Wearable Clinical ICU Alarms. *Journal of Medical Systems*, 47(1), 1–13. <https://doi.org/10.1007/s10916-023-01997-2>
- Sarwono, S., & Meinarno, E. A. (2009). *Psikologi Sosial. jakarta: Salemba Humanika*.
- Shelton, J., & Kumar, G. P. (2010). Comparison between Auditory and Visual Simple Reaction Times. *Neuroscience and Medicine*, 01(01), 30–32. <https://doi.org/10.4236/nm.2010.11004>
- Siepmann, C., & Kowalczyk, P. (2021). Understanding continued smartwatch usage: the role of emotional as well as health and fitness factors. *Electronic*

- Markets*, 31(4), 795–809. <https://doi.org/10.1007/s12525-021-00458-3>
- Silva, R. M. D., & Chandrasekaran, B. (2020). Will energy expenditure differences in work postures influence cognitive outcomes at workplaces? an explorative review. *Obesity Medicine*, 19(May), 100253. <https://doi.org/10.1016/j.obmed.2020.100253>
- Siradj, Y. (2016). *Potensi Smartwatch untuk Kesehatan Smartwatch Potentials for Healthcare*. 4(1).
- Sit and Stand Desk*. (2024). <https://www.atlantisoffice.co.uk/Office-Desks/Height-Adjustable-Desks>
- Smet, B. (1994). Psikologi Kesehatan, Jakarta: PT. Gramedia Widiasarana Indonesia.
- Stanton, N. A., & Baber, C. (2008). Modelling of human alarm handling response times: A case study of the Ladbroke Grove rail accident in the UK. *Ergonomics*, 51(4), 423–440. <https://doi.org/10.1080/00140130701695419>
- Stein, B. E., & Stanford, T. R. (2008). Multisensory integration: Current issues from the perspective of the single neuron. *Nature Reviews Neuroscience*, 9(4), 255–266. <https://doi.org/10.1038/nrn2331>
- Stein, B., & Meredith, M. A. (1993). *The merging of the senses*. The MIT Press, Cambridge, London.
- Trujillo, L., & Zeng, X. (2006). Data entry workers perceptions and satisfaction response to the “stop and stretch” software program. *Work (Reading, Mass.)*, 27(2), 111–121. <http://europepmc.org/abstract/MED/16971758>
- Vashitz, G., Meyer, J., Parmet, Y., Peleg, R., Goldfarb, D., Porath, A., & Gilutz, H. (2009). Defining and measuring physicians’ responses to clinical reminders. *Journal of Biomedical Informatics*, 42(2), 317–326. <https://doi.org/10.1016/j.jbi.2008.10.001>
- Wiczorek, R., Meyer, J., & Guenzler, T. (2012). *On the Relation Between Reliance and Compliance in an Aided Visual Scanning Task*. 253–257.
- Wogalter, M. S. (2019). Communication-Human Information Processing (C-HIP) Model. *Forensic Human Factors and Ergonomics*, October 2018, 33–49. <https://doi.org/10.1201/9780429462269-3>

- Wong, A. (2018). *What are the important features of a smartwatch?* Statistia.
<https://technave.com/gadget/What-are-the-important-features-of-a-smartwatch-12960.html>
- Yos, K., & Sudarso, P. R. (2021). Aplikasi Reminder Berbasis Android. *Researchgate.Net, July*, 0–10. https://www.researchgate.net/profile/Desta-De/publication/353058101_Aplikasi_Reminder_Berbasis_Android/links/60e647bb0fbf460db8ed9f9a/Aplikasi-Reminder-Berbasis-Android.pdf
- Yoshida, K. T., Kiernan, J. X., Okamura, A. M., & Nunez, C. M. (2023). Exploring Human Response Times to Combinations of Audio, Haptic, and Visual Stimuli from a Mobile Device. *2023 IEEE World Haptics Conference, WHC 2023 - Proceedings*, 121–127. <https://doi.org/10.1109/WHC56415.2023.10224375>