

Daftar Pustaka

- Abdullah, M., Khurram, K., Asim, A., Naveed, E., Abbas, M., Raja, H. Z., ... & Aldhafeeri, Y. R. (2024). Impact of Breakfast Consumption and Sleep Habits on Morning Attention and Concentration Among Health Professional Students. *Cureus*, 16(9).
- Aksu, Ş. H., Çakıt, E., & Dağdeviren, M. (2024). Mental workload assessment using machine learning techniques based on eeg and eye tracking data. *Applied Sciences*, 14(6), 2282.
- Alemdag, E., & Cagiltay, K. (2018). A systematic review of eye tracking research on multimedia learning. *Computers & Education*, 125, 413-428.
- Anderson, J. R., & Crawford, J. (1995). *Cognitive psychology and its implications*.
- Aschenbrenner, A. J., Welhaf, M. S., Hassenstab, J. J., & Jackson, J. J. (2024). Antecedents of mind wandering states in healthy aging and mild cognitive impairment. *Neuropsychology*, 38(5), 430.
- Barel, E., & Tzischinsky, O. (2020). The relation between sustained attention and incidental and intentional object-location memory. *Brain Sciences*, 10(3), 145.
- Beatty, J., & Lucero-Wagoner, B. (2000). The pupillary system. In J. T. Cacioppo et al. (Eds.), *Handbook of psychophysiology* (2nd ed., pp. 142–162). Cambridge University Press.
- Berggren, N., Richards, A., Taylor, J., & Derakshan, N. (2013). Affective attention under cognitive load: reduced emotional biases but emergent anxiety-related costs to inhibitory control. *Frontiers in human neuroscience*, 7, 188.
- Bunce, D. M., Flens, E. A., & Neiles, K. Y. (2010). How long can students pay attention in class? A study of student attention decline using clickers. *Journal of Chemical Education*, 87(12), 1438-1443.
- Canazei, M., Dick, M., Pohl, W., Weninger, J., Hubel, N., Staggl, S., & Weiss, E. M. (2023). Impact of repeated morning bright white light exposures on attention in a simulated office environment. *Scientific Reports*, 13(1), 8730.
- Cuve, H. C., Stojanov, J., Roberts-Gaal, X., Catmur, C., & Bird, G. (2022). Validation of Gazepoint low-cost eye-tracking and psychophysiology bundle. *Behavior research methods*, 54(2), 1027–1049. <https://doi.org/10.3758/s13428-021-01654-x>
- Devos, H., Gustafson, K., Ahmadnezhad, P., Liao, K., Mahnken, J. D., Brooks, W. M., & Burns, J. M. (2020). Psychometric Properties of NASA-TLX and Index of Cognitive Activity as Measures of Cognitive Workload in Older Adults. *Brain sciences*, 10(12), 994. <https://doi.org/10.3390/brainsci10120994>
- Di Nocera, D., Finzi, A., Rossi, S., & Staffa, M. (2014). The role of intrinsic motivations in attention allocation and shifting. *Frontiers in psychology*, 5, 273.
- de Santana Correia, A., Colombini, E.L. (2022) Attention, please! A survey of neural attention models in deep learning. *Artif Intell Rev* 55, 6037–6124 <https://doi.org/10.1007/s10462-022-10148-x>
- Eliana, E., Nindiasari, H., & Santosa, C. A. H. F. (2021). Development of e-learning teaching materials on matrices based on cognitive load theory. *Prima: Jurnal Pendidikan Matematika*, 5(1), 47-63.

- Gallen, C. L., Schaerlaeken, S., Younger, J. W., Anguera, J. A., & Gazzaley, A. (2023). Contribution of sustained attention abilities to real-world academic skills in children. *Scientific reports*, 13(1), 2673.
- Goldstein, E. B. (2019). *Cognitive Psychology: Connecting Mind, Research, and Everyday Experience* (5th ed.). In Cengage Learning (5th Editio, Vol. 1, Issue).
- Hafed, Z. M., Chen, C. Y., & Tian, X. (2015). Vision, perception, and attention through the lens of microsaccades: mechanisms and implications. *Frontiers in systems neuroscience*, 9, 167.
- He, D., Donmez, B., Liu, C. C., & Plataniotis, K. N. (2019). High cognitive load assessment in drivers through wireless electroencephalography and the validation of a modified N-back task. *IEEE Transactions on Human-Machine Systems*, 49(4), 362-371.
- Huang, Y. M., Cheng, Y. P., Cheng, S. C., & Chen, Y. Y. (2020). Exploring the correlation between attention and cognitive load through association rule mining by using a brainwave sensing headband. *Ieee Access*, 8, 38880-38891.
- Jeter, C. B., Patel, S. S., & Sereno, A. B. (2011). Novel n-back spatial working memory task using eye movement response. *Behavior research methods*, 43, 879-887.
- Kusrohmaniah, S. (2023). *Mental Fatigue, Working Memory & Psychophysics Measurement*. [Unpublished manuscript]. *Universitas Gadjah Mada*.
- Laeng, B., Sirois, S., & Gredebäck, G. (2012). Pupillometry: A window to the preconscious?. *Perspectives on psychological science*, 7(1), 18-27.
- Lavie, N., Hirst, A., Fockert, J., & Viding, E. (2004). Load theory of selective attention and cognitive control.. *Journal of Experimental Psychology General*, 133(3), 339-354. <https://doi.org/10.1037/0096-3445.133.3.339>
- Liu, J. C., Li, K. A., Yeh, S. L., & Chien, S. Y. (2022). Assessing perceptual load and cognitive load by fixation-related information of eye movements. *Sensors*, 22(3), 1187.
- Mahanama, B., Jayawardana, Y., Rengarajan, S., Jayawardana, G., Chukoskie, L., Snider, J., & Jayarathna, S. (2022). Eye movement and pupil measures: A review. *frontiers in Computer Science*, 3, 733531.
- Mathôt, S. (2018). Pupillometry: Psychology, physiology, and function. *Journal of Cognition*, 1(1), 16.
- Mattys, S. and Wiget, L. (2011). Effects of cognitive load on speech recognition. *Journal of Memory and Language*, 65(2), 145-160. <https://doi.org/10.1016/j.jml.2011.04.004>
- Meinhardt-Injac, B., Persike, M., & Meinhardt, G. (2014). Holistic face perception in young and older adults: effects of feedback and attentional demand. *Frontiers in Aging Neuroscience*, 6, 291.
- Minamoto, T., Shipstead, Z., Osaka, N. (2015) Low cognitive load strengthens distractor interference while high load attenuates when cognitive load and distractor possess similar visual characteristics. *Atten Percept Psychophys* 77, 1659–1673. <https://doi.org/10.3758/s13414-015-0866-9>
- Murphy, G., & Greene, C. M. (2017). Load theory behind the wheel; perceptual and cognitive load effects. *Canadian Journal of Experimental Psychology/Revue canadienne de psychologie expérimentale*, 71(3), 191.
- Posner, M. I. (2016). Orienting of attention: Then and now. *Quarterly journal of experimental psychology*, 69(10), 1864-1875.

- Reimer, C. B., & Schubert, T. (2020). Visual and central attention share a capacity limitation when the demands for serial item selection in visual search are high. *Attention, Perception, & Psychophysics*, 82(2), 715-728.
- Rucci, M., & Poletti, M. (2015). Control and functions of fixational eye movements. *Annual review of vision science*, 1(1), 499-518.
- Sayginer, Ş., Balaman, F., & Tiryaki, S. H. (2022). The Current Trend in Educational Neuroscience Research: A Descriptive and Bibliometric Study. *Journal of Computer and Education Research*, 10(19), 184-201
- Scharinger, C., Soutschek, A., Schubert, T., & Gerjets, P. (2017). Comparison of the working memory load in N-back and working memory span tasks by means of EEG frequency band power and P300 amplitude. *Frontiers in human neuroscience*, 11, 6.