

### Daftar Pustaka

- Adi Wicaksono, A. T., & Kusuma, W. A. . (2021). Tingkat Keunggulan Beberapa LMS dalam Pembelajaran Daring pada Masa Pandemi Covid-19. *Jurnal Syntax Admiration*, 2(8), 1374-1383. <https://doi.org/10.46799/jsa.v2i8.294>
- Alisuf, Sabri. (2007). *Psikologi Pendidikan*. Jakarta : Pedoman Ilmu Jaya.
- Aulya, N. R., (2021). Praktikum Struktur Perkembangan Tumbuhan PBA-116. <https://onlinelearning.unj.ac.id/course/info.php?id=5915> (Diakses 26 Mei 2022)
- Azwar, Saifuddin. (2009). *Reliabilitas dan Validitas*. Yogyakarta: Pustaka Pelajar
- Bennett, A. A., Champion, E. D., Keeler, K. R., & Keener, S. K. (2021). *Videoconference fatigue? Exploring changes in fatigue after videoconference meetings during COVID-19. Journal of Applied Psychology*, 106(3), 330-344. <http://dx.doi.org/10.1037/apl0000906>
- Billones, R., Liwang, J. K., Butler, K., Graves, L., & Saligan, L. N. (2021). *Dissecting the fatigue experience: A scoping review of fatigue definitions, dimensions, and measures in non-oncologic medical conditions. Journal of Brain, behavior, & immunity - health*, 15, 100266. <https://doi.org/10.1016/j.bbih.2021.100266>
- Bliese, P. D., Edwards, J. R., & Sonnentag, S. (2017). *Stress and well-being at work: A century of empirical trends reflecting theoretical and societal influences. The Journal of applied psychology*, 102(3), 389–402. <https://doi.org/10.1037/apl0000109>
- Brenda K. Wiederhold, PhD. (2020). *Connecting Through Technology During the Coronavirus Disease 2019 Pandemic: Avoiding ‘Zoom Fatigue’*. *Cyberpsychology, behavior, and sosial networking. CYBERPSYCHOLOGY, BEHAVIOR, AND SOSIAL NETWORKING*. Volume 23, No. 7
- Brophy, J. (1983). *Conceptualizing student motivation*. *Educational Psychologist*, 18, 200-215.
- Caglar, E., Bilgili, N., Karaca, A. & Deliceoglu, G. (2017). *Screen Time Differences among Turkish University Students as an Indicator of Sedentary Lifestyle and Inactivity. Croatian Journal of Education*, 19 (4), 1105-1130.
- Charismiadi. (2020). Hubungan Regulasi Emosi dengan Stress Akademik pada Mahasiswa Baru [Skripsi]. Universitas Islam Negeri Sunan Kalijaga Yogyakarta.
- Collier, J. D., & Rosenfield, M. (2011). *Accommodation and convergence during sustained computer work. Optometry - Journal of the American Optometric Association*, 82(7), 434–440. doi:10.1016/j.optm.2010.10.013
- Dahlin, M., Joneborg, N., & Runeson, B. (2005). *Stress and depression among medical students: a cross-sectional study. Medical education*, 39(6), 594–604. <https://doi.org/10.1111/j.1365-2929.2005.02176.x>
- Darsono dkk. (2000). *Belajar dan Pembelajaran*. Semarang: IKIP Semarang Press

- Denstadli, Jon & Julsrud, Tom & Hjorthol, Randi. (2012). *Videoconferencing as a Mode of Communication: A Comparative Study of the Use of Videoconferencing and Face-to-Face Meetings*. *Journal of Business and Technical Communication - J BUS TECH COMMUN*. 26. 65-91. 10.1177/1050651911421125.
- Dhaniaputri, R. (2016). Mata Kuliah Struktur dan Fisiologi Tumbuhan Sebagai Pengantar Proses Metabolisme Senyawa Fitokimia. *The annual research report*.
- Dhaniaputri, R. (2017). Ilmu Botani Sebagai Dasar Keanekaragaman Jenis Tumbuhan Dalam Pelestarian Lingkungan. *Prosiding Seminar Nasional Pendidikan Sains (SNPS) 2017*
- Duval, S., & Wicklund, R. A. (1972). *A theory of objective self awareness*. Academic Press.
- Fauville, G., M. Luo, A.C.M. Queiroz, J.N. Bailenson, J. Hancock,. (2021) *Zoom Exhaustion & Fatigue Scale*. *Computers in Human Behavior Reports*. Volume 4, 2021, 100119, <https://doi.org/10.1016/j.chbr.2021.100119>.
- Firman, Arlinda P.S., Firdaus (2021) *Aktivitas Mahasiswa dalam Pembelajaran Daring Berbasis Konferensi Video: Refleksi Pembelajaran Menggunakan Zoom dan Google Meet*. *Indonesian Journal of Educational Science (IJES)* Volume 03, No 02 Maret 2021
- Fitri, Hindriana A., Rahmat, A., Redjeki, S., Riandi. (2012) *Meningkatkan Keterampilan Berfikir Mahasiswa Dengan Menurunkan Beban Kognitif Melalui Integrasi Struktur Pada Fungsi Tumbuhan Menggunakan Model Nested*. *Pendidikan Sains Pascasarjana Universitas Negeri Surabaya*. Vol. 2 No. 1 November 2012
- Gammoh, Y. (2021). *Digital Eye Strain and Its Risk Factors Among a University Student Population in Jordan: A Cross-Sectional Study*. *Cureus* 13(2): e13575. doi:10.7759/cureus.13575
- Gazali Far-Far. (2021). *Efektifitas Penggunaan Aplikasi Zoom Zoom Meeting Dalam Pembelajaran Di Masa Pandemi Covid-19*. *ISTORIA: Jurnal Pendidikan dan Sejarah* Volume 17, No 1, September 2021
- Geimer, J. L., Leach, D. J., DeSimone, J. A., Rogelberg, S. G., & Warr, P. B. (2015). *Meetings at work: Perceived effectiveness and recommended improvements*. *Journal of Business Research*, 68, 2015–2026.
- Gopal, R., Singh, V. & Aggarwal, A. (2021). *Impact of online classes on the satisfaction and performance of students during the pandemic period of COVID 19*. *Educ Inf Technol* 26, 6923–6947. <https://doi.org/10.1007/s10639-021-10523-1>
- H., Sarres, C. P., Munguía-Espinoza, O., Pineda, E. G., & Landa-Blanco, M. (2021) *The effects of telework satisfaction and Zoom Fatigue*. *Zoom Fatigue on mental health: a pilot study*. <https://doi.org/10.31234/osf.io/6chq5>

- Hasan, N., & Bao, Y. (2020). *Impact of “e-Learning Crack-up” Perception on Psychological Distress among College Students During COVID-19 pandemic: A mediating Role of “Fear of Academic Year Loss.”* *Children and Youth Services Review*, 105355. doi:10.1016/j.chilyouth.2020.105355
- Herlambang, M. B., Taatgen, N. A., & Cnossen, F. (2019). *The Role of Motivation as a Factor in Mental Fatigue.* *Human Factors: The Journal of the Human Factors and Ergonomics Society*, 001872081982856. doi:10.1177/0018720819828569
- Ichsan, I. Z., Rahmayanti, H., Purwanto, A., Sigit, D. V., Kurniawan, E., Dewi, A. K., Wirdianti, N., Hermawati, F. M., & Marhento, G. (2020). Covid-19 dan E-Learning: Perubahan Strategi Pembelajaran Sains dan Lingkungan di SMP. *JINoP (Jurnal Inovasi Pembelajaran)*, 6(1), 50–61. <https://doi.org/10.22219/jinop.v6i1.11791>
- Iqbal, M. (2020). *Zoom Zoom revenue and usage statistics.* *Business of apps.* <https://www.businessofapps.com/data/zoom-statistics/>. (Diakses tanggal 16 Maret 2022)
- Iqbal, M., El-Massry, A., Elagouz, M., & Elzembely, H. (2018). *Computer Vision Syndrome Survey among the Medical Students in Sohag University Hospital, Egypt.* *Ophthalmology Research: An International Journal*, 8(1), 1-8. <https://doi.org/10.9734/OR/2018/38436>
- Jirana, Syamsiara N., Nurmiati (2015) Faktor-Faktor yang Mempengaruhi Kesulitan dan Minat Belajar Mahasiswa Jurusan Pendidikan Biologi Universitas Sulawesi Barat. *JURNAL SAINTIFIK VOL. 1 NO. 2, JULI 2015*
- Kaplan, S., & Berman, M. G. (2010). *Directed attention as a common resource for executive functioning and self-regulation.* *Perspectives on Psychological Science*, 5(1), 43–57. <https://doi.org/10.1177/1745691609356784>
- Keller, J. M., & Litchfield, B. C. (2002). *Motivation and performance.* In R. A. Reiser, & J. V. Dempsey (Eds.), *Trends and issues in instructional design and technology.* New Jersey: Merrill Prentice Hall.
- Kemendikbud. (2014). *Panduan Pengelolaan dan Pemanfaatan Laboratorium IPA.* Jakarta.
- Kim, D., Y. J. Jung, E. Kim, Y. M. Ro and H. Park. (2011). *Human brain response to visual fatigue caused by stereoscopic depth perception.* *17th International Conference on Digital Signal Processing (DSP)*, 2011, pp. 1-5, doi: 10.1109/ICDSP.2011.6004997.
- Knapp, ML., Hall, JA., Horgan, TG. (2013). *Nonverbal communication in human interaction.* Cengage Learning
- Kuntarto, E., Sofwan, M., & Mulyani, N. (2021). Analisis Manfaat Penggunaan Aplikasi Zoom Dalam Pembelajaran Daring Bagi Guru Dan Siswa Di Sekolah Dasar. *JURNAL PENDIDIKAN DASAR NUSANTARA*, 7(1), 49-62. <https://doi.org/10.29407/jpdn.v7i1.15742>

- Kurnia, Linda (2020) Hubungan antara Konsentrasi Belajar Dan Motivasi Belajar Dengan Disiplin Belajar Siswa Kelas VII Pada Mata Pelajaran Pendidikan Agama Islam Di SMPN 2 Kandangan. [skripsi], IAIN KEDIRI.
- Lestari, P., Ristanto, R. H., & Miarsyah, M. (2019). *Analysis of conceptual understanding of botany and metacognitive skill in pre-service biology teacher in indonesia. Journal for the Education of Gifted Young Scientists*, 7(2), 199-214. DOI: <http://dx.doi.org/10.17478/jegys.515978>
- Lita I., Ade S., Anisa Siti K., Cynthia Loka, Peralihan Pertiwi I.G., Priscila Sindy A., Salwa Anggraeni. (2021). Motivasi Belajar Siswa Selama Pandemi dalam Proses Belajar dari Rumah. *Jurnal Pendidikan*, Vol. 9, No. 2, Juli 2021
- Luong, A., & Rogelberg, S. G. (2005). *Meetings and More Meetings: The Relationship Between Meeting Load and the Daily Well-Being of Employees. Group Dynamics: Theory, Research, and Practice*, 9(1), 58–67. <https://doi.org/10.1037/1089-2699.9.1.58>
- M. Alisuf Sabri 2006, *Pengantar Psikologi Umum dan Perkembangan*, (Jakarta: Pedoman Ilmu Jaya,), Cet. Ke-4, h. 131
- Manurung, T. (2017). Pengaruh Motivasi dan Perilaku Belajar Terhadap Prestasi Akademik Mahasiswa. *JAS-PT (Jurnal Analisis Sistem Pendidikan Tinggi Indonesia)*, 1(1), 17-26. doi:10.36339/jaspt.v1i1.36
- Martiani. (2021). Persepsi Mahasiswa Terhadap E-Learning Berbasis Zoom Meeting pada Mata Kuliah Telaah Kurikulum Sekolah. *Edukatif : Jurnal Ilmu Pendidikan* Vol 3 No 6 Tahun 2021. <https://doi.org/10.31004/edukatif.v3i6.1414>
- Maulana A.H., Hamidi, M. (2020). Persepsi mahasiswa terhadap pembelajaran daring pada Mata Kuliah Praktik di Pendidikan Vokasi. *Equilibrium: Jurnal Pendidikan* Vol. VIII. Issu 2. Juni-Desember 2020 <https://doi.org/10.26618/equilibrium.v8i2.3443>
- McClelland, D. C. (Ed.). (1955). *Studies in motivation*. Appleton-Century-Crofts.
- McConnon A. *What introverts and extroverts need during the lockdown*. <https://www.wsj.com/articles/what-introvertsand-extroverts-need-during-the-lockdown-11587678114> (diakses pada tanggal 17 Maret 2022)
- Morris, B. “*Why does Zoom Zoom exhaust you? Science has an answer.*” (diakses 15 Maret 2022)
- Mosleh, S.M., Shudifat, R.M., Dalky, H.F. (2022) *Mental health, learning behaviour and perceived fatigue among university students during the COVID-19 outbreak: a cross-sectional multicentric study in the UAE. BMC Psychol* 10, 47
- Müller, T., Klein-Flügge, M. C., Manohar, S. G., Husain, M., & Apps, M. A. J. (2021). *Neural and computational mechanisms of momentary fatigue and persistence in effort-based choice. Nature Communications*, 12(1). doi:10.1038/s41467-021-24927-7

- Mustofa, M. I., Chodzirin, M., Sayekti, L., & Fauzan, R. (2019). Formulasi Model Perkuliahan Daring sebagai Upaya Menekan Disparitas Kualitas Perguruan Tinggi. *Walisongo Journal of Information Technology*, 1(2), 151. <https://doi.org/10.21580/wjit.2019.1.2.4067>.
- Nasution. (2004). *Didaktik Asas-Asas Mengajar*. Jakarta: Bumi Aksara
- Noakes, T. (2012) *Fatigue is a Brain-Derived Emotion that Regulates the Exercise Behavior to Ensure the Protection of Whole Body Homeostasis*. *Frontiers in Physiology*. Volume 3. <https://doi.org/10.3389/fphys.2012.00082>
- Nursalam FE. (2008) .Pendidikan dalam keperawatan. Jakarta: Salemba Medika;
- Patil A, Bhavya, Chaudhury S, Srivastava S. (2019) *Eyeing computer vision syndrome: Awareness, knowledge, and its impact on sleep quality among medical students*. *Ind Psychiatry J* ;28:68-74
- Puspitha, F.C. (2018). Hubungan Stres Terhadap Motivasi Belajar Mahasiswa Tingkat Pertama Fakultas Kedokteran Universitas Lampung. *Majority*, Volume 7 Nomor 3 Desember 2018
- Puspitorini, P., Kusuma, J. W. ., Dewi, I. N. ., & Sihombing, P. R. . (2021). Metode Presentasi Secara Daring Di Universitas Bina Bangsa Pada Masa Pandemi Covid-19. *Jurnal Educatio FKIP UNMA*, 7(3), 700–704. <https://doi.org/10.31949/educatio.v7i3.1201>
- Putra, N. (2015). Hubungan tingkat stres akademik terhadap hasil belajar mahasiswa tahun pertama blok basic science 1 [skripsi] Ffakultas Kkedokteran Uuniversitas Llampung. Bandar Lampung: Universitas Lampung;.
- Putri, Anggia. & Budiani, Santi, Meita. (2013). Pengaruh Kelelahan Emosional Terhadap Perilaku Belajar Pada Mahasiswa yang Bekerja. *Character : Jurnal Penelitian Psikologi*. Vol 1 No 2 (2013):
- Putri, Dessi A.D., Rasyid, A.F. (2022). Evaluasi Properti Psikometris Skor Zoom *Zoom Exhaustion & Fatigue (ZEF)* pada Populasi Indonesia. *Psychopolytan : Jurnal Psikologi* VOL. 5 No. 2, Februari 2022 <https://doi.org/10.36341/psi.v5i2.2216>
- Queiroz, A. C, M., Nascimento, A., Fauville, G., Luo, M., Meirelles, F., Plank, D. N., & Hancock, J. (2021). *Tradução, validação e aplicação da Escala ZEFZEF (ZEFZEF Scale) paravaliação da Fadiga Zoom na população brasileira (Translation, validation and application of the ZEFZEF Scale to assess Zoom Fatigue in the Brazilian population)*. Available at SSRN. <https://dx.doi.org/10.2139/ssrn.3844219> (diakses 17 Maret 2022)
- Reinach Wolf C. (2021) *Virtual platformplatforms are helpful tools but can add to our stress*. <https://www.psychologytoday.com/ca/blog/the-desk-the-mental-health-lawyer/202005/virtual-platformplatformsare-helpful-tools-can-add-our-stress> (diakses 17 Maret, 2022).

- Riedl, R. (2021). *On the stress potential of videoconferencing: definition and root causes of Zoom Fatigue*. *Electron Markets* . <https://doi.org/10.1007/s12525-021-00501-3>
- Rosetti, D. K., & Surynt, T. J. (1985). *Video Teleconferencing and Performance*. *The Journal of Business Communication* (1973), 22(4), 25–31. <https://doi.org/10.1177/002194368502200404>
- Saifuddin, M. F. (2017). *E-Learning Dalam Persepsi Mahasiswa*. *Jurnal Varia Pendidikan*, 29 (2), 102-109. <https://doi.org/10.23917/varidika.v29i2.5637>
- Salim, J., Tandy, S., Arnindita, J. N., Wibisono, J. J., Haryanto, M. R., & Wibisono, M. G. (2022). *Zoom Fatigue and its risk factors in online learning during the COVID-19 pandemic*. *Medical Journal of Indonesia*, 1(1). <https://doi.org/10.13181/mji.oa.225703>
- Sardiman. A.M, (2012). *Interaksi dan Motivasi Belajar Mengajar*, Jakarta: PT.Rajawali Pers, h. 94.
- Siregar, Mahmud. (2012). *Pengaruh Penggunaan Metode Kuliah Lapangan (Field Trip) Terhadap Hasil Belajar Taksonomi Tumbuhan Tingkat Rendah [Skripsi]*. Universitas Islam Negeri Syarif Hidayatullah Jakarta
- Spataro, J. (2020). *The future of work—the good, the challenging & the unknown*. <https://www.microsoft.com/en--us/Microsoft-365/blog/2020/07/08/future-work-good-challenging-unknown/> (diakses tanggal 16 Maret 2022)
- Sugiyono. (2019) *Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif dan R&D*. Bandung: Alfabeta,
- Sulistiya, T., Djamahir, R., Rahayu, S., (2019). *Correlation Between Sleep Quality-Physical Activity And Cognitive Learning Outcomes On Human Coordination System Subject*. *Didaktika Biologi: Jurnal Penelitian Pendidikan Biologi* (2018), 2 (2), 113–120. DOI: <https://doi.org/10.32502/dikbio.v2i2.1785>
- Suyanto, Joko., Maskuri M., Sarwanto. (2020). *Analisis Kemampuan TPACK (Technological, Pedagogical and Content Knowledge) Guru Biologi SMA Dalam Menyusun Perangkat Pembelajaran Materi Sistem Peredaran Darah*. *INKUIRI: Jurnal Pendidikan IPA* Vol. 9, No. 1, 2020 (hal 44-53). <https://doi.org/10.20961/inkuiri.v9i1.41381>
- Syahputri, V., Rahma, E., Setiyana, R., Diana, S., & Parlindungan, F. (2020). *Online learning drawbacks during the Covid-19 pandemic: A psychological perspective*. *EnJourMe (English Journal of Merdeka) : Culture, Language, and Teaching of English*, 5(2), 108-116. doi:<https://doi.org/10.26905/enjourme.v5i2.5005>
- Syam, Sukmawati, Al Anshori, F., & Yulyani Wardhi, R. (2021). *Efektivitas Pembelajaran Menggunakan Zoom Meeting Pada Mata Kuliah Perilaku Hewan di Era Pandemi COVID-19*. *Jurnal Biogenerasi*, 6(1), 17-25. <https://doi.org/10.30605/biogenerasi.v6i1.511>

- Tomprou M, Kim YJ, Chikersal P, Woolley AW, Dabbish LA. (2021). *Speaking out of turn: How video conferencing reduces vocal synchrony and collective intelligence.* *PLoS ONE* 16(3): e0247655. <https://doi.org/10.1371/journal.pone.0247655>
- Uno, Hamzah, B. (2011). *Teori motivasi dan pengukurannya.* Jakarta: Bumi Aksara.
- Winwood, P. C., Winefield, A. H., Dawson, D., & Lushington, K. (2005). *Development and validation of a scale to measure work-related fatigue and recovery: the Occupational Fatigue Exhaustion/Recovery Scale (OFER).* *Journal of Occupational and Environmental Medicine*, 47(6), 594-606. <https://doi.org/10.1097/01.jom.0000161740.71049.c4>
- Wright, R. A., Mlynski, C., & Carbajal, I. (2019). *Outsiders' Thoughts on Generating Self-Regulatory-Depletion (Fatigue) Effects in Limited-Resource Experiments.* *Perspectives on Psychological Science*, 14(3), 469–480. doi:10.1177/1745691618815654
- Yusuf I., Hertien, K. Surtikanti, Riandi (2017) Kuliah Lapangan Terpadu Berbasis inkuiri untuk Meningkatkan Penguasaan Konsep Mahasiswa Pendidikan Biologi. *BIOSFER, J.Bio. & Pend.Bio. Vol.2, No.2, Desember 2017*

