

Daftar Pustaka

- Alabri, A. (2022). Fear of missing out (FOMO): The effects of the need to belong, perceived centrality, and fear of social exclusion. *Human Behavior and Emerging Technologies*, 2022, 1–12. <https://doi.org/10.1155/2022/4824256>
- Al-Busaidi, A. S., Dauletova, V., & Al-Wahaibi, I. (2023). The role of excessive social media content generation, attention seeking, and individual differences on the fear of missing out: A multiple mediation model. *Behaviour & Information Technology*, 42(9), 1389–1409. <https://doi.org/10.1080/0144929X.2022.2075791>
- Andrade, A. L. M., Kim, D.-J., Caricati, V. V., Martins, G. D. G., Kirihara, I. K., Barbugli, B. C., Enumo, S. R. F., & De Micheli, D. (2020). Validity and reliability of the brazilian version of the smartphone addiction scale-short version for university students and adult population. *Estudos de Psicologia (Campinas)*, 37, e190117. <https://doi.org/10.1590/1982-0275202037e190117>
- Arthy, C. C., Effendy, E., Amin, M. M., Loebis, B., Camellia, V., & Husada, M. S. (2019). Indonesian version of addiction rating scale of smartphone usage adapted from smartphone addiction scale-short version (SAS-SV) in junior high school. *Open Access Macedonian Journal of Medical Sciences*, 7(19), 3235–3239. <https://doi.org/10.3889/oamjms.2019.691>
- Augner, C., Vlasak, T., Aichhorn, W., & Barth, A. (2023). The association between problematic smartphone use and symptoms of anxiety and depression: A meta-analysis. *Journal of Public Health*, 45(1), 193–201. <https://doi.org/10.1093/pubmed/fdab350>
- Azwar, S. (2012). *Penyusunan Skala Psikologi* (Edisi ke-2). Pustaka Pelajar.
- Azwar, S. (2017). *Metode Penelitian Psikologi* (Edisi ke-2). Pustaka Pelajar.
- Badan Pusat Statistik Indonesia. (2024, Mei 6). Proportion of individuals who own a mobile telephone by province. *Badan Pusat Statistik Indonesia*. <https://www.bps.go.id/en/statistics-table/2/MTIyMSMy/proporsi-individu-yang-menguasai-memiliki-telepon-genggam-menurut-provinsi.html>
- Busch, P. A., & McCarthy, S. (2021). Antecedents and consequences of problematic smartphone use: A systematic literature review of an emerging research area. *Computers in Human Behavior*, 114, 106414. <https://doi.org/10.1016/j.chb.2020.106414>
- Bloemen, N., & De Coninck, D. (2020). Social media and fear of missing out in adolescents: The role of family characteristics. *Social Media + Society*, 6(4), 2056305120965517. <https://doi.org/10.1177/2056305120965517>

- Billieux, J. (2012). Problematic use of the mobile phone: A literature review and a pathways model. *Current Psychiatry Reviews*, 8(4), 299–307. <https://doi.org/10.2174/157340012803520522>
- Carr, C. T., & Rosaen, S. F. (2024). We're going streaking!: Associations between the gamification of mediated communication and relational closeness. *Communication Reports*, 37(3), 185–199. <https://doi.org/10.1080/08934215.2024.2334743>
- Coskun, S., & Karayagız Muslu, G. (2019). Investigation of problematic mobile phones use and fear of missing out (FoMO) level in adolescents. *Community Mental Health Journal*, 55(6), 1004–1014. <https://doi.org/10.1007/s10597-019-00422-8>
- Deci, E. L., & Ryan, R. M. (1985). *Intrinsic motivation and self-determination in human behavior*. Springer US. <https://doi.org/10.1007/978-1-4899-2271-7>
- Deterding, S., Dixon, D., Khaled, R., & Nacke, L. (2011). From game design elements to gamefulness: Defining “Gamification.” *Proceedings of the 15th International Academic MindTrek Conference: Envisioning Future Media Environments*, 9–15. <https://doi.org/10.1145/2181037.2181040>
- Doehling, R. M. (2019). Social control via temporary messages: Effects of popular social media features and ethical cases of their use in SnapChat. *Georgia Tech MS Digital Media*.
- Edwards, E. J., Taylor, C. S., & Vaughan, R. S. (2022). Individual differences in self-esteem and social anxiety predict problem smartphone use in adolescents. *School Psychology International*, 43(5), 460–476. <https://doi.org/10.1177/01430343221111061>
- Elhai, J. D. (2019). Problematic smartphone use and mental health problems: Current state of research and future directions. *Dusunen Adam: The Journal of Psychiatry and Neurological Sciences*. <https://doi.org/10.14744/DAJPNS.2019.00001>
- Elhai, J. D., Casale, S., & Montag, C. (2025). Worry and fear of missing out are associated with problematic smartphone and social media use severity. *Journal of Affective Disorders*, 379, 258–265. <https://doi.org/10.1016/j.jad.2025.03.062>
- Elhai, J. D., Gallinari, E. F., Rozgonjuk, D., & Yang, H. (2020a). Depression, anxiety and fear of missing out as correlates of social, non-social and problematic smartphone use. *Addictive Behaviors*, 105, 106335. <https://doi.org/10.1016/j.addbeh.2020.106335>

- Elhai, J. D., Levine, J. C., Dvorak, R. D., & Hall, B. J. (2016). Fear of missing out, need for touch, anxiety and depression are related to problematic smartphone use. *Computers in Human Behavior*, 63, 509–516. <https://doi.org/10.1016/j.chb.2016.05.079>
- Elhai, J. D., Yang, H., Fang, J., Bai, X., & Hall, B. J. (2020b). Depression and anxiety symptoms are related to problematic smartphone use severity in Chinese young adults: Fear of missing out as a mediator. *Addictive Behaviors*, 101, 105962. <https://doi.org/10.1016/j.addbeh.2019.04.020>
- Fatika, R. A. (2024, Oktober 8). 10 negara dengan pengguna TikTok terbesar, Indonesia urutan berapa? *Goodstats*. <https://data.goodstats.id/statistic/10-negara-dengan-pengguna-tiktok-terbesar-indonesia-urutan-berapa-xFOgI>
- Fischer-Grote, L., Kothgassner, O. D., & Felnhofer, A. (2019). Risk factors for problematic smartphone use in children and adolescents: A review of existing literature. *Neuropsychiatrie*, 33(4), 179–190. <https://doi.org/10.1007/s40211-019-00319-8>
- Ghozali, I. (2017). *Model persamaan struktural konsep dan aplikasi program*. AMOS 24. Badan Penerbit Universitas Diponegoro.
- Ghozali, I. (2019). *Aplikasi analisis multivariete dengan program IBM SPSS 23* (Edisi ke-8). Badan Penerbit Universitas Diponegoro.
- Griffiths, M. D. (2020). The evolution of the ‘components model of addiction’ and the need for a confirmatory approach in conceptualizing behavioral addictions. *Dusunen Adam: The Journal of Psychiatry and Neurological Sciences*. <https://doi.org/10.14744/DAJPNS.2019.00027>
- Guarnaccia, C., Rasho, A. R., Testé, B., & Delouvé, S. (2024). Beyond the screen: A comprehensive analysis of emotional skills and social networking in French young adults. *International Journal of Environmental Research and Public Health*, 21(9), 1176. <https://doi.org/10.3390/ijerph21091176>
- Hajarian, M., & De Coster, L. (2024). Gamification effect on brain activity and user behavior during online hostility exposure in social media. *2024 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC)*, 90–93. <https://doi.org/10.1109/CyberC62439.2024.00025>
- Harris, B., Regan, T., Schueler, J., & Fields, S. A. (2020). Problematic mobile phone and smartphone use scales: A systematic review. *Frontiers in Psychology*, 11, 672. <https://doi.org/10.3389/fpsyg.2020.00672>

- Heinzen, T. E., Gordon, M. S., Landrum, R. E., Gurung, R. A. R., Dunn, D. S., & Richman, S. (2015). A parallel universe: Psychological science in the language of game design. Dalam T. Reiners & L. C. Wood (Ed.), *Gamification in Education and Business* (hlm. 133–149). Springer International Publishing. https://doi.org/10.1007/978-3-319-10208-5_7
- Helmi, A. F. (2020). *Adaptasi dan validasi skala FoMO*. Universitas Gadjah Mada.
- Horwood, S., & Anglim, J. (2019). Problematic smartphone usage and subjective and psychological well-being. *Computers in Human Behavior*, *97*, 44–50. <https://doi.org/10.1016/j.chb.2019.02.028>
- Hosmer, D. W., & Lemeshow, S. (2000). *Applied logistic regression* (2 ed.). Wiley.
- Hristova, D., & Lieberoth, A. (2021). How socially sustainable is social media gamification? A look into Snapchat, Facebook, Twitter, and Instagram. Dalam A. Spanellis & J. T. Harviainen (Ed.), *Transforming Society and Organizations through Gamification: From the Sustainable Development Goals to Inclusive Workplaces* (hlm. 225–245). Springer International Publishing. https://doi.org/10.1007/978-3-030-68207-1_12
- Huang, S., Lai, X., Xue, Y., Zhang, C., & Wang, Y. (2021). A network analysis of problematic smartphone use symptoms in a student sample. *Journal of Behavioral Addictions*, *9*(4), 1032–1043. <https://doi.org/10.1556/2006.2020.00098>
- Hussain, Z., Griffiths, M. D., & Sheffield, D. (2017). An investigation into problematic smartphone use: The role of narcissism, anxiety, and personality factors. *Journal of Behavioral Addictions*, *6*(3), 378–386. <https://doi.org/10.1556/2006.6.2017.052>
- Kaloeti, D. V. S., Kurnia S, A., & Tahamata, V. M. (2021). Validation and psychometric properties of the Indonesian version of the Fear of Missing Out Scale in adolescents. *Psicologia: Reflexão e Crítica*, *34*(1), 15. <https://doi.org/10.1186/s41155-021-00181-0>
- Kardefelt-Winther, D. (2014). A conceptual and methodological critique of internet addiction research: Towards a model of compensatory internet use. *Computers in Human Behavior*, *31*, 351–354. <https://doi.org/10.1016/j.chb.2013.10.059>
- Kemp, S. (2025, Maret 12). TikTok users, stats, data, trends, and more. *DataReportal*. <https://datareportal.com/essential-tiktok-stats>
- Kim, J.-H., Seo, M., & David, P. (2015). Alleviating depression only to become problematic mobile phone users: Can face-to-face communication be the

- antidote? *Computers in Human Behavior*, 51, 440–447. <https://doi.org/10.1016/j.chb.2015.05.030>
- Kong, L., Sun, H., He, W., & Hu, W. (2024). Distraction or motivation? Unraveling the role of fear of missing out on college students' learning engagement. *BMC Psychology*, 12(1), 687. <https://doi.org/10.1186/s40359-024-02164-z>
- Kwon, M., Kim, D.-J., Cho, H., & Yang, S. (2013a). The smartphone addiction scale: Development and validation of a short version for adolescents. *PLoS ONE*, 8(12), e83558. <https://doi.org/10.1371/journal.pone.0083558>
- Kwon, M., Lee, J.-Y., Won, W.-Y., Park, J.-W., Min, J.-A., Hahn, C., Gu, X., Choi, J.-H., & Kim, D.-J. (2013b). Development and validation of a smartphone addiction scale (SAS). *PLoS ONE*, 8(2), e56936. <https://doi.org/10.1371/journal.pone.0056936>
- Lin, J. (2025). Social media advertising has a negative psychological effect on gen Z: It needs improvement. *Advances in Economics Management and Political Sciences*, 171(1), 117–124. <https://doi.org/10.54254/2754-1169/171/2025.22090>
- Milyavskaya, M., Saffran, M., Hope, N., & Koestner, R. (2018). Fear of missing out: Prevalence, dynamics, and consequences of experiencing FOMO. *Motivation and Emotion*, 42(5), 725–737. <https://doi.org/10.1007/s11031-018-9683-5>
- Mohamed, D. F. (2025). The impact of snapchat streaks on Egyptian teenagers' mental health. *Journal of Media Research and Studies*, 3(31), 660–680.
- Neeli, B. K. (2015). Gamification in the enterprise: Differences from consumer market, implications, and a method to manage them. Dalam T. Reiners & L. C. Wood (Ed.), *Gamification in Education and Business* (hlm. 489–511). Springer International Publishing. https://doi.org/10.1007/978-3-319-10208-5_25
- Nicholson, S. (2015). A RECIPE for meaningful gamification. Dalam T. Reiners & L. C. Wood (Ed.), *Gamification in Education and Business* (hlm. 1–20). Springer International Publishing. https://doi.org/10.1007/978-3-319-10208-5_1
- Prabowo, C. X., & Dewi, F. I. R. (2021). *The correlation between fear of missing out and subjective well-being among young adulthood*. International Conference on Economics, Business, Social, and Humanities (ICEBSH 2021), Jakarta, Indonesia. <https://doi.org/10.2991/assehr.k.210805.225>
- Przybylski, A. K., Murayama, K., DeHaan, C. R., & Gladwell, V. (2013). Motivational, emotional, and behavioral correlates of fear of missing out. *Computers in Human Behavior*, 29(4), 1841–1848. <https://doi.org/10.1016/j.chb.2013.02.014>

- Rahma, K., Indallaila, Fatimah, E., Mubarak, S., & Cinta, N. (2024). Analisis pengguna ponsel terhadap perilaku Generasi Z dalam kehidupan sehari-hari. *Karimah Tauhid*, 3(2), 1548–1554. <https://doi.org/10.30997/karimahtauhid.v3i2.11858>
- Roberts, J. A., & David, M. E. (2020). The social media party: Fear of missing out (FoMO), social media intensity, connection, and well-being. *International Journal of Human-Computer Interaction*, 36(4), 386–392. <https://doi.org/10.1080/10447318.2019.1646517>
- Ryan, R. M., & Deci, E. L. (2018). *Self-determination theory: Basic psychological needs in motivation, development, and wellness* (Paperback edition). The Guilford Press.
- Sánchez-Fernández, M., & Borda-Mas, M. (2023). Problematic smartphone use and specific problematic Internet uses among university students and associated predictive factors: A systematic review. *Education and Information Technologies*, 28(6), 7111–7204. <https://doi.org/10.1007/s10639-022-11437-2>
- Sipaayung, J., & Munawaroh, M. (2024). Peran teknologi smartphone sebagai media pembelajaran interaktif bagi mahasiswa di era digital. *Trending: Jurnal Manajemen dan Ekonomi*, 3(1), 167–176. <https://doi.org/10.30640/trending.v3i1.3662>
- Silverman, J., & Barasch, A. (2023). On or off track: How (broken) streaks affect consumer decisions. *Journal of Consumer Research*, 49(6). <https://doi.org/10.1093/jcr/ucac029>
- Sohn, S. Y., Rees, P., Wildridge, B., Kalk, N. J., & Carter, B. (2019). Prevalence of problematic smartphone usage and associated mental health outcomes amongst children and young people: A systematic review, meta-analysis and GRADE of the evidence. *BMC Psychiatry*, 19(1), 356. <https://doi.org/10.1186/s12888-019-2350-x>
- Srivastava, G., Bag, S., Rahman, M. S., Pretorius, J. H. C., & Gani, M. O. (2023). Examining the dark side of using gamification elements in online community engagement: An application of PLS-SEM and ANN modeling. *Benchmarking: An International Journal*, 30(9), 2921–2947. <https://doi.org/10.1108/BIJ-03-2022-0160>
- The Jamovi Project. (2025). *Jamovi (Version 2.6) [Computer Software]*. <https://www.jamovi.org>
- TikTok. (2025a). Family pairing. *TikTok*. <https://support.tiktok.com/en/safety-hc/account-and-user-safety/family-pairing#1>

- TikTok. (2025b). Streaks. *TikTok*.
<https://support.tiktok.com/en/using-tiktok/messaging-and-notifications/streaks>
- Van Essen, C. M., & Van Ouytsel, J. (2023). Snapchat streaks: How are these forms of gamified interactions associated with problematic smartphone use and fear of missing out among early adolescents? *Telematics and Informatics Reports*, 11, 100087. <https://doi.org/10.1016/j.teler.2023.100087>
- Wacks, Y., & Weinstein, A. M. (2021). Excessive smartphone use is associated with health problems in adolescents and young adults. *Frontiers in Psychiatry*, 12, 669042. <https://doi.org/10.3389/fpsy.2021.669042>
- Wang, J. C., Hsieh, C.-Y., & Kung, S.-H. (2023). The impact of smartphone use on learning effectiveness: A case study of primary school students. *Education and Information Technologies*, 28(6), 6287–6320. <https://doi.org/10.1007/s10639-022-11430-9>
- Wolniewicz, C. A., Tiamiyu, M. F., Weeks, J. W., & Elhai, J. D. (2018). Problematic smartphone use and relations with negative affect, fear of missing out, and fear of negative and positive evaluation. *Psychiatry Research*, 262, 618–623. <https://doi.org/10.1016/j.psychres.2017.09.058>
- World Population Review. (2025). Cell phones by country 2025. *World Population Review*.
<https://worldpopulationreview.com/country-rankings/cell-phones-by-country>
- Yang, H., Wang, L., Hu, Z., & Li, D. (2024a). Understanding the failing of social gamification: A perspective of user fatigue. *Electronic Commerce Research and Applications*, 64, 101369. <https://doi.org/10.1016/j.elerap.2024.101369>
- Yang, Y., Yu, A., Li, J., Shafi, M., & Fauzi, M. A. (2024b). Exploring the impact of gamified elements on college students' learning in virtual learning communities. *Kybernetes*. <https://doi.org/10.1108/K-01-2024-0017>
- Zhong, P. (2023). The phenomenon and effects of fear of missing out. *Lecture Notes in Education Psychology and Public Media*, 29(1), 36–41. <https://doi.org/10.54254/2753-7048/29/20231380>