

DAFTAR PUSTAKA

- Afifah, L., & Amiroh. (2021). Quizizz Sebagai Media Pembelajaran Untuk Melatih Keterampilan Membaca Bahasa Jerman. *Lingua Franca Jurnal Bahasa Sastra dan Pengajarannya*.
- Aichner, T., Grünfelder, M., Maurer, O., & Jegeni, D. (2021). *Twenty-Five Years of Social Media: A Review of Social Media Applications and Definitions from 1994 to 2019*. *Cyberpsychology, Behavior, and Social Networking*, 24(4), 215-222. <https://doi.org/10.1089/cyber.2020.0134>
- Al-Adwan, A. S., Li, N., Al-Adwan, A., Abbasi, G. A., Albelbisi, N. A., & Habibi, A. (2023). "Extending the Technology Acceptance Model (TAM) to Predict University Students Intentions to Use Metaverse-Based Learning Platforms". *Education and Information Technologies*, 28(11), 15381-15413. <https://doi.org/10.1007/s10639-023-11816-3>
- Allela, M. A., Ogange, B. O., Junaid, M. I., & Charles, P. B. (2020). *Effectiveness of Multimodal Microlearning for In-service Teacher Training* *Journal of Learning Development*, 387 7(3), <https://doi.org/10.56059/jl4d.v7i3.387>
- Altawaty, J. A., Benismail, A., & Maatuk, A. M. (2020). *Experts Opinion on the IT Skills Training Needs Among Healthcare Workers*. *Proceedings of the 6th International Conference on Engineering & MIS 2020*, 1-8 <https://doi.org/10.1145/3410352.3410790>
- Ambarsari, Z. (2020). Penggunaan Instagram Sebagai Media Pembelajaran Bahasa Dan Sastra Indonesia Pada Era 4.0.
- Andriyani, N. L., & Suniasih, N. W. (2021). *Development of Learning Videos Based on Problem-Solving Characteristics of Animals and Their Habitats Contain in Ipa Subjects on 6th-Grade*. *Journal of Education Technology*, 3(1), 37. <https://doi.org/10.23887/jet.v5i1.32314>
- Atmoko, B. D. (2012). *Instagram Handbook*. Media Kita.
- Branch, R. M. (2009). *Instructional Design: The ADDIE Approach*. Springer US. <https://doi.org/10.1007/978-0-387-09506-6>
- Chen, L.-L. (2016). *A Model for Effective Online Instructional Design*. *Literacy Information Computer Education* <https://doi.org/10.20533/licej.2040.2589.2016.0304> *Journal* 7(2)
- Chikhi, H. & Guettaf, C. (2022). *EFL Teachers' Views and Learners' Attitudes towards the Use of TikTok as a Microlearning Tool in the department of English at Mouloud Mammeri University of Tizi-Ouzou: A Survey Study*. *University of Tizi-Ouzou*.
- Conde-Caballero, D., Castillo, C. A., Ballesteros-Yáñez, L., & Mariano-Juárez, L. (2019). *Blogging as a tool for the acquisition and dissemination of knowledge in health sciences: A preliminary evaluation*. *International Journal of Educational Technology in Higher Education*, 16(1), 30.

<https://doi.org/10.1186/s41239-019-0161-2>

- Dengri, C., Gill, A., Chopra, J., Dengri, C., Koritala, T., Khedr, A., Korsapati, A. R., Adhikari, R., Jain, S., Zec, S., Chand, M., Kashyap, R., Pattan, V., Khan, S. A., & Jain, N. K. (2021). *A Review of the Quiz, as a New Dimension in Medical Education*. *Cureus*. <https://doi.org/10.7759/cureus.18854>
- Diana, R. A., & ZE, D. S. (2022). Pengembangan Media Kuis Interaktif Berbasis Powerpoint Pada Mata Pelajaran Sejarah Kelas Xi Sma Negeri 7 Tanjung Jabung Timur Ta. 2021/2022. *Istoria: Jurnal Ilmiah Pendidikan Sejarah Universitas Batanghari*, 5(2), 60. <https://doi.org/10.33087/istoria.v5i2.124>
- Dolasinski, M. J., & Reynolds, J. (2020). Microlearning: A New Learning Model.. *Journal of Hospitality & Tourism Research*, 44(3), 551-561. <https://doi.org/10.1177/1096348020901579>
- Drakidou, C. (2018). *Micro-learning as an Alternative in Lifelong eLearning*. Aristotle University of Thessaloniki.
- Erarslan, A. (2019). *Instagram as an Education Platform for EFL Learners*. *The Turkish Online Journal of Educational Technology*, 18(3).
- Fahlevi, R., & Aminatun, T. (2023). *Development of Smart Apps Creator Learning Media Using Problem-Solving Learning Models on Global Warming Materials to Improve Critical Thinking and Problem-Solving Ability*. *Jurnal Penelitian Pendidikan IPA*, 9(9), 7221-7230. [10.29303/jppipa.v9i9.4311](https://doi.org/10.29303/jppipa.v9i9.4311)
- Fujiawati, F. S., & Raharja, R. M. (2021). Pemanfaatan Media Sosial (Instagram) Sebagai Media Penyajian Kreasi Seni Dalam Pembelajaran. *JPKS (Jurnal Pendidikan dan Kajian Seni)*, 6.
- Ghobrini, R. E. A., Benzert, F. Z., & Balas, M. (2021). *Educationalizing Instagram for Virtual Instruction in COVID-19: A Pragmatic Framework*. *International Journal of Web-Based Learning and Teaching Technologies*, 17(6), 1-16. <https://doi.org/10.4018/LJWLTT.287621>
- Greenhow, C., & Galvin, S. (2020). *Teaching with social media: evidence-based strategies for making remote higher education less remote*. *Information and Learning Sciences*, 121(7/8), 513-524. [10.1108/ILS-04-2020-0138](https://doi.org/10.1108/ILS-04-2020-0138)
- Habiburrahim, H. (2021). *Exploring curriculum approaches and issues: A descriptive analysis*. *Englisia: Journal of Language, Education, and Humanities*, 9(1), 50. <https://doi.org/10.22373/ej.v9i1.10829>
- Halkos, G., & Gkampoura, E. C. (2021). *Where do we stand on the 17 Sustainable Development Goals? An overview on progress*. *Economic Analysis and Policy*, 70, 94-122.
- hasan, M., Milawati, Darajat, Harahap, T. K., Tahrim, T., Anwari, A. M., Rahmat, A., Masdiana, & Indra, L. M. (2021). *Media Pembelajaran*. Tahta Media Group.
- Hayat, M. S., Yunus, M., Nada, N. Q., & Suma, S. (2024). *Analysis of the Integration of SDGs Values in Learning Science Project in Vocational*

- Schools to Build a Sustainable Lifestyle. KnE Social Sciences*, 173-183.
<https://doi.org/10.18502/kss.v9i6.15265>
- Ibrahen, U. M., Alamro, A. R., & Assoc. Prof., Curriculum and Instruction, Hail University, Saudi Arabia, dr.alamr@uch.edu.sa. (2021). *Effects of Infographics on Developing Computer Knowledge, Skills and Achievement Motivation among Hail University Students. International Journal of Instruction*, 14(1), 907-926. <https://doi.org/10.29333/iji.2021.14154a>
- Jafari, M. (2020). *New Technologies for learning and Post-Covid-19 Education* (Doctoral dissertation, Politecnico di Torino).
- Jaleniauskiene, E., & Kasperuniene, J. (2023). *Infographics in higher education: A scoping review. E-Learning and Digital Media*, 20(2), 191-206. <https://doi.org/10.1177/20427530221107774>
- Lee, Y.-M. (2023). *Mobile microlearning: A systematic literature review and implications*. 31:7. <https://doi.org/10.1080/10494820.2021.1977964>
- Li, C. (2023). *Impacts of Global Warming on Economy. Highlights in Business, Economics and Management*. 5, 101-104.
<https://doi.org/10.54097/hbem.v5i.5036>
- Longobardi, C., Settanni, M., Fabris, M. A., & Marengo, D. (2020). *Follow or be followed: Exploring the links between Instagram popularity, social media addiction, cyber victimization, and subjective happiness in Italian adolescents. Children and youth services review*, 113, 104955.
<https://doi.org/10.1016/j.childyouth.2020.104955>
- Maatuk, A. M., Elberkawi, E. K., Aljawarneh, S., & Rashaideh, hasan. (2022). *The Students COVID-19 Pandemic and E-learning: Challenges and Opportunities from the of and Instructors*.
<https://link.springer.com/article/10.1007/s12528-021-09274-2>
- Manning, K. D., Spicer, J. O., Golub, L., Akbashev, M., & Klein, R. (2021). *The micro revolution: Effect of Bite-Sized Teaching (BST) on learnerengagement and learning in postgraduate medical education. BMC Medical Education*, 21(1), 69. <https://doi.org/10.1186/s12909-021-02496>
- Martin, F., Polly, D., & Ritzhaupt, A. (2020). *Bichronous Online Learning: Blending Asynchronous and Synchronous Online Learning*.
- Mashuri, S. (2019). *Media Pembelajaran Matematika*. Deepublish.
<https://books.google.co.id/books?id=jHGNDwAAQBAJ>
- Mattern, J. (2017). *Instagram*. Abdo Publishing.
- Medina, F. X., Pinto De Moura, A., Vázquez-Medina, J. A., Frías, J., & Aguilar, A. (2019). *Feeding the online: Perspectives on food, nutrition and the online higher education. International Journal of Educational Technology in Higher Education*, 16(1), 42, 841239-019-0173-y.
<https://doi.org/10.1186/s41239-019-0173-y>

- Mpungose, C. B. (2020). *Emergent transition from face-to-face to online learning in a South African University in the context of the Coronavirus pandemic. Humanities and Social Sciences Communications*, 7(1), 113. <https://doi.org/10.1057/941599-020-00603-x>
- Nikkhoo, L., Ahmadi, Z., Akbari, M., Imannezhad, S., Ardekani, S. A., & Lashgari, H. (2023). *Microlearning for Today's Students: A Rapid Review of Essentials and Considerations*.
- Noviyanti, N. I. (2020). *Instagram Social Media As Guidance And Counseling Media Based On Technology. International Journal of Applied Guidance and Counseling*, 1(1), 16-19. <https://doi.org/10.26486/ijagc.v1i1.1045>
- Nurfadhillah, S. (2021). *Media Pembelajaran, Pengertian Media Pembelajaran, Landasan, Fungsi, Manfaat, Jenis-Jenis Media Pembelajaran, dan Cara Penggunaan Kedudukan Media Pembelajaran*. CV Jejak.
- Octavyanti, N. P. I., & Wulandari, I. G. A. A. (2021). *Video Pembelajaran Berbasis Pendekatan Kontekstual Pada Mata Pelajaran Matematika Kelas IV SD*. 8(1), 66-74.
- Okpatrioka. (2023). *Research And Development (R&D) Penelitian Yang Inovatif Dalam Pendidikan*. Dharma Acariya Nusantara, 86-100.
- Papaioannou, G., Volakaki, M.-G., Kokolakis, S., & Vouyioukas, D. (2023). *Learning Spaces in Higher Education: A State-of-the-Art Review. Trends in Higher Education*, <https://doi.org/10.3390/higheredu2030032> 2(3), 526-545.
- Pérez-Garcias, A., Tur, G., Villatoro Moral, S., & Darder-Mesquida, A. (2022). *Flexible Learning Itineraries in Digital Environments for Personalised Learning in Teacher Training, RIED-Revista Iberoamericana de Educación a Distancia*, 25(2). <https://doi.org/10.5944/ried.25.2.32326>
- Prameswari, D. F. S., & Hasanudin, C. (2023). *Penggunaan Media Pembelajaran Infografis untuk Meningkatkan Minat Belajar Siswa*.
- Pratikno, Y., Hermawan, E., & Arifin, A. L. (2022). *Human resource 'kurikulum merdeka' from design to implementation in the school: what worked and what not in indonesian education. Jurnal Iqra': Kajian Ilmu Pendidikan*, 7(1), 326–343. <https://doi.org/10.25217/ji.v7i1.1708>
- Pratiwi, D. A., & Agusta, A. R. (2020). *Instagram Sebagai Media Pembelajaran Microlearning Di Era Masyarakat 5.0*.
- Purba, R. A., Mawati, A. T., Ardiana, D. P. Y., Pramusita, S. M., Bermuli, J. E., Purba, S. R. F., Sinaga, K., Mardiana, nana, Rofiki, I., & Recard, M. (2021). *Media dan Teknologi Pembelajaran*. Yayasan Kita Menulis.
- Rafli, M. A., & Adri, M. (2022). *Pengembangan Micro-Learning pada Mata Kuliah Kewirausahaan di Universitas Negeri Padang Berbasis Media*. 6.
- Rahayu, R., Rosita, R., Rahayuningsih, Y. S., Hernawan, A. H., & Prihantini, P. (2022). *Implementasi kurikulum merdeka belajar di sekolah penggerak*.

- Jurnal Basicedu, 6(4), 6313–6319.
<https://doi.org/10.31004/basicedu.v6i4.3237>
- Raja, D. B. (2023). *Teaching and Inspiring Through Instagram: The Power of Insta Creativity*. 8(3).
- Raymond, A., & Jewett, J. W. (2014). *Physics for Scientists and Engineers with Modern Physics, Ninth Edition*, USA: Brooks/Cole, USA: Brooks/Cole.
- Richter, E., Carpenter, J. P., Meyer, A., & Richter, D. (2022). *Instagram as a platform for teacher collaboration and digital social support*. *Computers & Education*, 190, 104624. <https://doi.org/10.1016/j.compedu.2022.104624>
- Riduwan. (2016). *Skala Pengukuran Variabel-Variabel Penelitian*. Bandung: Alfabeta.
- Riyana, C. (2019). *Produksi Bahan Pembelajaran Berbasis Online*. Universitas Terbuka.
- Sadiman, A. s. Haryono, A., Rahardjito, & Rahardjo, R. (2011). *Media Pendidikan* (ed. 1 cet. 15). Rajawali Pers.
- Safarati, N., & Zuhra, F. (2023). *The Use of Problem-Solving Based Physics Comic Media on Global Warming Material in Increasing Learning Motivation and Students' Understanding Concept*. *Jurnal Penelitian Pendidikan IPA*, 9(11), 9193-9199. [10.29303/jppipav9i11.4828](https://doi.org/10.29303/jppipav9i11.4828)
- Saini, M., Sengupta, E., Singh, M., Singh, H., & Singh, J. (2023). *Sustainable Development Goal for Quality Education (SDG 4): A study on SDG 4 to extract the pattern of association among the indicators of SDG 4 employing a genetic algorithm*. *Education and Information Technologies*, 28(2), 2031-2069. <https://doi.org/10.1007/s10639-022-11265-4>
- Salsabila, U. H. Habiba, 1. S., Amanah, 1. L., Istiqomah, N. A., & Difany, S. (2020). *Pemanfaatan Aplikasi Quizizz Sebagai Media Pembelajaran Ditengah Pandemi Pada Siswa SMA*. *Jurnal ilmiah ilmu Terapan Universitas Jambi JIITUJ*, 4(2), 163-173. <https://doi.org/10.22437/jiituj.v4i2.11605>
- Sankaranarayanan, R., Leung, J., Lachheb, V., Seo, G., & Lachheb, A. (2023). *Microlearning in Diverse Contexts: A Bibliometric Analysis*. 67(2), 260-276. <https://doi.org/10.1007/s11528-022-00794-x>
- Sari Famularsih (2020). *Students' Experiences in Using Online Learning Applications Due to COVID-19 in English Classroom*. *Studies in Learning and Teaching*, 1(2), 112-121. <https://doi.org/10.46627/silet.v1i2.40>
- Sasongko, M. N., Suyanto, M., & Kurniawan, M. P. (2020). *Analisis Kombinasi Warna Pada Antarmuka Website Pemerintah Kabupaten Klaten*. 12(2).
- Shafiq, M., & Parveen, K. (2023). *Social media usage: Analyzing its effect on academic performance and engagement of higher education students*. 1-9. <http://dx.doi.org/10.1016/j.ijedudev.2023.102738>
- Sugito, Sairun, A., Pratama, L., Azzahra, I., & Sugito, (2022). *Media Sosial*

- (Inovasi Pada Produk & Perkembangan Usaha) (Y. Anisa & A. Zuhaira, Eds.), Universitas Medan Area Press.
- Sugiyono. (2016). *Metode Penelitian Pendidikan (Kuantitatif, Kualitatif dan R&D)*. Bandung: Alfabeta.
- Susanti, N., Yennita, Y., & Azhar, A. (2020). *Development of contextual based electronic global warming modules using flipbook applications as physics learning media in high schools*. *Journal of Educational Sciences*, 4(3), 541. <https://doi.org/10.31258/jes.4.3.p.541-559>
- Tarkhova, L., Tarkhov, S., Nafikov, M., Akhmetyanov, I., Gusev, D., & Akhmarov, R. (2020). *Infographics and Their Application in the Educational Process*. *International Journal of Emerging Technologies in Learning (JET)*, 15(13), 63. <https://doi.org/10.3991/ijet.v15i13.14647>
- Thaib, E. J. (2019). *Problems of Da'wah in Social Media in Gorontalo City Communities*.
- Thillainadesan, J., Le Couteur, D. G., Haq, L., & Wilkinson, T. J. (2022). *When I microlearning*. *Medical Education*, 56(8), 791-792 say <https://doi.org/10.1111/medu.14848>
- Variacion, D. A., Salic-Hairulla, M., & Bagaloyos, J. (2021, March). *Development of differentiated activities in teaching science: Educators' evaluation and self-reflection on differentiation and flexible learning*. In *Journal of Physics: Conference Series* (Vol. 1835, No.1, p.012091). IOP Publishing. 10.1088/1742-6596/1835/1/012091
- We Are Social. (2023). *The State of Digital In July 2023. Social Media Use Reaches New Milestone*. <https://wearesocial.com/id/blog/2023/07/social-media-use-reaches-new-milestone/>
- Widiastuti, R. N. (with Widyasari, K. L., Nuranna, F. S., Sulasmi, A. L., Rokayah, & Wihartono, W.). (2018). *Memaksimalkan Penggunaan Media Sosial Dalam Lembaga Pemerintahan* (1st ed.). Direktorat Jenderal Informasi dan Komunikasi Publik, Kementerian Komunikasi dan Informatika. https://indonesiabaik.id/public/uploads/post/2997/Memaksimalkan_Penggunaan_Media_Sosial_dalam_Lembaga_Pemerintah.pdf
- Wulandari, A. P., Salsabila, A. A., Cahyani, K., Nurazizah, T. S., & Ulfiah, Z. (2023). *Pentingnya Media Pembelajaran dalam Proses Belajar Mengajar*. *Journal Education*, <https://doi.org/10.31004/joe.v5i2.1074> 5(2), 3928-3936
- Yendrita, Y., & Syafitri, Y. (2019). *Pengaruh Penggunaan Media Video Pembelajaran terhadap Hasil Belajar Biologi*. *BIOEDUSAINS: Jurnal Pendidikan Biologi dan Sains*, 2(1), <https://doi.org/10.31539/bioedusains.v2i1.620> 26-32
- Yeoh, A. (2022). *Reflections on microlearning in the social media age*