## DAFTAR PUSTAKA

- Adnyana, P., Suja, I. W., Mudana, I. W., & Pageh, I. M. (2020). *Tri Hita Karana*. Rajawali Pers.
- Aasebø, T. S., & Willbergh, I. (2022). Empowering minority students: a study of cultural references in the teaching content. *Journal of Curriculum Studies*, 54(5), 618–631. https://doi.org/10.1080/00220272.2022.2095877
- Alameen, A., & Dhupia, B. (2019). Implementing adaptive e-learning conceptual model: A survey and comparison with open source lms. *International Journal of Emerging Technologies in Learning*, 14(21), 18–45. https://doi.org/10.3991/ijet.v14i21.11030
- Alenezi, A. (2020). The role of e-learning materials in enhancing teaching and learning behaviors. *International Journal of Information and Education Technology*, 10(1), 48–56. https://doi.org/10.18178/ijiet.2020.10.1.1338
- Ali, H. M. Z., & Al-Abyadh, M. H. A. (2022). The computation intelligent in teaching using digital communication. *Measurement: Sensors*, 24(October), 100579. https://doi.org/10.1016/j.measen.2022.100579
- Allen, M. W., & Merrill, M. D. (2018). SAM and Pebble-in-th-Pond: Two Alternatives for the ADDIE Model. In *Trends and Issues in Instructional Design and Technology* (4th ed., p. 369). Pearson.
- Alsaleh, A. (2024). The impact of technological advancement on culture and society. *Scientific Reports*, 14(1). https://doi.org/10.1038/s41598-024-83995-z
- Arsovic, B., & Stefanovic, N. (2020). E-learning based on the adaptive learning model: case study in Serbia. *Sadhana Academy Proceedings in Engineering Sciences*, 45(1). https://doi.org/10.1007/s12046-020-01499-8
- Ary, D., Jacobs, L. C., Sorensen, C., & Razavieh, A. (2010). Introduction to Research in Education. In *Sustainability (Switzerland)* (8th ed.). Wad. http://scioteca.caf.com/bitstream/handle/123456789/1091/RED2017-Eng-8ene.pdf?sequence=12&isAllowed=y%0Ahttp://dx.doi.org/10.1016/j.regsciurbeco.2008.06.005%0Ahttps://www.researchgate.net/publication/305320484\_SISTEM\_PEMBETUNGAN\_TERPUSAT\_STRATEGI\_MELESTARI
- Atabekova, A., Lutskovskaia, L., & Gorbatenko, R. (2021). Developing multiliteracy skills and pragmatic communication awareness of university students learning a foreign language (English) for specific purposes. *Thinking Skills and Creativity*, 42. https://doi.org/10.1016/j.tsc.2021.100956
- Atmadja, N. B. (2020). Wacana Postgenerik terhadap Tri Hita Karana pada Masyarakat Bali. Rajawali Pers.
- Baran, S. J. (2014). *Introduction to Mass communication* (8th ed.). McGraw Hill Education.
- Barclay, N., Westine, C. D., Claris, A., & Martin, F. (2020). Development and

- Implementation of Adaptive Learning to Engage Learners in Engineering Technology. *Journal of Formative Design in Learning*, 4(2), 107–118. https://doi.org/10.1007/s41686-020-00050-6
- Branch, R. M. (2009). Instructional Design: the ADDIE Approach. Springer.
- Brown, A. H., & Green, T. D. (2016). *The Essentials of Instructional Design* (3rd ed.). Routledge.
- Bryman, A. (2012). Social Research Methods (4th ed.). Oxford University Press.
- Capuano, N., & Caballé, S. (2020). Adaptive learning technologies. *AI Magazine*, 41(2), 96–98. https://doi.org/10.1609/aimag.v41i2.5317
- Cavanagh, T., Chen, B., Lahcen, R. A. M., & Paradiso, J. R. (2020). Constructing a design framework and pedagogical approach for adaptive learning in higher education: A practitioner's perspective. *International Review of Research in Open and Distance Learning*, 21(1), 173–197. https://doi.org/10.19173/irrodl.v21i1.4529
- Chang, B. (2019). Reflection in learning. *Online Learning Journal*, 23(1), 95–110. https://doi.org/10.24059/olj.v23i1.1447
- Chang, C. Y., Panjaburee, P., Lin, H. C., Lai, C. L., & Hwang, G. H. (2022). Effects of online strategies on students' learning performance, self-efficacy, self-regulation and critical thinking in university online courses. *Educational Technology Research and Development*, 70(1), 185–204. https://doi.org/10.1007/s11423-021-10071-y
- Chih-Ming, C., & Ying-You, L. (2020). Developing a computer-mediated communication competence forecasting model based on learning behavior features. *Computers and Education: Artificial Intelligence*, 1(October), 100004. https://doi.org/10.1016/j.caeai.2020.100004
- Coffelt, T. A., Grauman, D., & Smith, F. L. M. (2019). Employers' Perspectives on Workplace Communication Skills: The Meaning of Communication Skills. *Business and Professional Communication Quarterly*, 82(4), 418–439. https://doi.org/10.1177/2329490619851119
- Creswell, J. W. (2012). Educational Research: Planning, Conducting, and Evaluating Quantitative and Qualitative Research (4th ed.). Pearson.
- Daniela, L. (2020). Pedagogies of Digital Learning in Higher Education. Routledge.
- Deggs, D., & Hernandez, F. (2018). Enhancing the Value of Qualitative Field Notes Through Purposeful Reflection. *The Qualitative Report*, 23, 2552–2560. https://doi.org/10.46743/2160-3715/2018.3569
- DeVito, J. A. (2023). The Interpersonal Communication Book (16th ed.). Pearson.
- Dick, W., Carey, L., & Carey, J. O. (2015). *The Systematic Design of Instruction* (6th ed.). Pear.
- Dounas, L., Salinesi, C., & Beqqali, O. E. (2019). Requirements Monitoring and Diagnosis for Improving Adaptive E-Learning Systems Design. *Journal of Information Technology Education: Research*, 18, 162–185.

- El-Sabagh, H. A. (2021a). Adaptive e-learning environment based on learning styles and its impact on development students' engagement. *International Journal of Educational Technology in Higher Education*, 18(1). https://doi.org/10.1186/s41239-021-00289-4
- El-Sabagh, H. A. (2021b). Adaptive e-learning environment based on learning styles and its impact on development students' engagement. *International Journal of Educational Technology in Higher Education*, 18(1). https://doi.org/10.1186/s41239-021-00289-4
- Frenzel, L. J. (2016). *Electronic Communication Systems Electronic Communication Systems*. McGraw Hill Education.
- Gall, M. D., Gall, J. P., & Borg, W. R. (2003). Educational Research (7th ed.). Pearson.
- Gamlath, S. (2022). Peer learning and the undergraduate journey: a framework for student success. *Higher Education Research and Development*, 41(3), 699–713. https://doi.org/10.1080/07294360.2021.1877625
- Garrels, V. (2022). Improving Student Engagement in Online Courses through Interactive and User- Centered Course Design: Practical Strategies. *Nordic Journal of Digital Literacy*, 17(2), 112–122. https://doi.org/10.18261/njdl.17.2.3
- Guénier, A. D. W. (2020). A Multimodal Course Design for Intercultural Business Communication. *Journal of Teaching in International Business*, 31(3), 214–237. https://doi.org/10.1080/08975930.2020.1831422
- Guo, C., Shea, P., & Chen, X. (2022). Investigation on graduate students' social presence and social knowledge construction in two online discussion settings. *Education and Information Technologies*, 27(2), 2751–2769. https://doi.org/10.1007/s10639-021-10716-8
- Gustafson, K. L., & Branch, R. M. (2002). Survey of Instructional Development Models (4th ed.). ERIC.
- Hake, R. R. (1998). Interactive-engagement versus traditional methods: A sixthousand-student survey of mechanics test data for introductory physics courses. *American Journal of Physics*, 66(1), 64–74. https://doi.org/10.1119/1.18809
- Harati, H., Yen, C. J., Tu, C. H., Cruickshank, B. J., & Armfield, S. W. J. (2020). Online adaptive learning: A study of score validity of the adaptive self-regulated learning model. *International Journal of Web-Based Learning and Teaching*Technologies, 15(4), 18–35. https://doi.org/10.4018/IJWLTT.2020100102
- Hollister, B., Nair, P., Hill-Lindsay, S., & Chukoskie, L. (2022). Engagement in Online Learning: Student Attitudes and Behavior During COVID-19. *Frontiers in Education*, 7(May). https://doi.org/10.3389/feduc.2022.851019
- Hrich, N., Lazaar, M., & Khaldi, M. (2019). Problematic of the assessment activity within adaptive E-learning systems. *International Journal of Emerging Technologies in Learning*, 14(17), 133–142.

- https://doi.org/10.3991/ijet.v14i17.10675
- Huang, R., Spector, J. M., & Yang, J. (2019). Educational Technology. Springer.
- Ibrahim, A. F., Attia, A. S., Bataineh, A. M., & Ali, H. H. (2021). Evaluation of the online teaching of architectural design and basic design courses case study: College of Architecture at JUST, Jordan. *Ain Shams Engineering Journal*, 12(2), 2345–2353. https://doi.org/10.1016/j.asej.2020.10.006
- Jing, Y., Zhao, L., Zhu, K., Wang, H., Wang, C., & Xia, Q. (2023). Research Landscape of Adaptive Learning in Education: A Bibliometric Study on Research Publications from 2000 to 2022. *Sustainability (Switzerland)*, *15*(4). https://doi.org/10.3390/su15043115
- Kisno, Wibawa, B., & Khaerudin. (2022). Development of Digital Storytelling Based on Local Wisdom. *Wisdom*, 4(3), 65–74. https://doi.org/10.24234/wisdom.v4i3.834
- Kotronoulas, G., Miguel, S., Dowling, M., Fernández-Ortega, P., Colomer-Lahiguera, S., Bağçivan, G., Pape, E., Drury, A., Semple, C., Dieperink, K. B., & Papadopoulou, C. (2023). An Overview of the Fundamentals of Data Management, Analysis, and Interpretation in Quantitative Research. *Seminars in Oncology Nursing*, 39(2), 1–9. https://doi.org/10.1016/j.soncn.2023.151398
- Kyaw, B. M., Posadzki, P., Paddock, S., Car, J., Campbell, J., & Car, L. T. (2019). Effectiveness of digital education on communication skills among medical students: Systematic review and meta-analysis by the digital health education collaboration. In *Journal of Medical Internet Research* (Vol. 21, Issue 8). https://doi.org/10.2196/12967
- Ladson-Billings, G. (1995). Toward a Theory of Culturally Relevant Pedagogy.

  American Educational Research Journal, 32(3), 465–491.

  https://doi.org/10.3102/00028312032003465
- Ling, H. C., & Chiang, H. Sen. (2022). Learning Performance in Adaptive Learning Systems: A Case Study of Web Programming Learning Recommendations. *Frontiers in Psychology*, 13(January), 1–6. https://doi.org/10.3389/fpsyg.2022.770637
- Loeb, S., Dynarski, S., McFarland, D., Morris, P., Reardon, S., & Reber, S. (2017). Descriptive analysis in education: A guide for researchers. U.S. Department of Education, Institute of Education Sciences. National Center for Education Evaluation and Regional Assistance, March, 1–40.
- Lu, X., Wang, W., Motz, B. A., Ye, W., & Heffernan, N. T. (2023). Immediate text-based feedback timing on foreign language online assignments: How immediate should immediate feedback be? *Computers and Education Open*, 5(November 2021), 100148. https://doi.org/10.1016/j.caeo.2023.100148
- Martin, F., Chen, Y., Moore, R. L., & Westine, C. D. (2020). Systematic review of adaptive learning research designs, context, strategies, and technologies from 2009 to 2018. *Educational Technology Research and Development*, 68(4), 1903–1929. https://doi.org/10.1007/s11423-020-09793-2
- Martzoukou, K., Fulton, C., Kostagiolas, P., & Lavranos, C. (2020). A study of

- higher education students' self-perceived digital competences for learning and everyday life online participation. *Journal of Documentation*, 76(6), 1413–1458. https://doi.org/10.1108/JD-03-2020-0041
- Maxwell, B., Sharples, J., & Coldwell, M. (2022). Developing a systems-based approach to research use in education. *Review of Education*, 10(3), 1–29. https://doi.org/10.1002/rev3.3368
- Mejeh, M., & Sarbach, L. (2024). Co-design: From Understanding to Prototyping an Adaptive Learning Technology to Enhance Self-regulated Learning. *Technology, Knowledge and Learning, 0123456789*. https://doi.org/10.1007/s10758-024-09788-5
- Meltzer, D. E. (2002). The relationship between mathematics preparation and conceptual learning gains in physics: A possible "hidden variable" in diagnostic pretest scores. *American Journal of Physics*, 70(12), 1259–1268. https://doi.org/10.1119/1.1514215
- Merwe, L. Van Der, & Wolfson, G. (2019). Learning in a Distruptive Age:

  Developing sound digital learning strategies. KR Publishing.
- Morrison, G. R., Ross, S. M., Morrison, J. R., & Kalman, H. K. (2013). *Designing Efective Instruction* (8th ed.). John Wiley and Sons Inc.
- Motwani, B., Singh, D., Kulkarni, S., & Shetty, L. (2021). Need For Adoption Of Digital Communication Skills In The Teaching-Learning Process Post Covid Crisis. *Turkish Online Journal of Qualitative Inquiry (TOJQI)*, 12(6), 4947–4955.
- Ng, W. (2015). New Digital Technology in Education: Conceptualizing Professional Learning for Educators. Springer.
- Nguyen, M. H., Gruber, J., Marler, W., Hunsaker, A., Fuchs, J., & Hargittai, E. (2022). Staying connected while physically apart: Digital communication when face-to-face interactions are limited. *New Media and Society*, 24(9), 2046–2067. https://doi.org/10.1177/1461444820985442
- Pamungkas, J., Harun, & Manaf, A. (2023). A Systematic Review and Meta-Analysis Group Contrasts: Learning Model Based on Local Cultural Wisdom and Student Learning Outcomes. *International Journal of Instruction*, 16(2), 53–70. https://doi.org/10.29333/iji.2023.1624a
- Panadero, E., & Jonsson, A. (2020). A critical review of the arguments against the use of rubrics. *Educational Research Review*, 30(March), 100329. https://doi.org/10.1016/j.edurev.2020.100329
- Pearson, J. C., Nelson, P. E., Titsworth, S., & Hosek, A. M. (2017). *Human Communication 6th Edition*. McGraw Hill Education.
- Phillippi, J., & Lauderdale, J. (2018). A Guide to Field Notes for Qualitative Research: Context and Conversation. *Qualitative Health Research*, 28(3), 381–388. https://doi.org/10.1177/1049732317697102
- Pio, E., & Waddock, S. (2020). Invoking indigenous wisdom for management learning. *Management Learning*, 52(3), 328–346. https://doi.org/10.1177/1350507620963956

- Plass, J. L., & Pawar, S. (2020). Toward a taxonomy of adaptivity for learning. Journal of Research on Technology in Education, 52(3), 275–300. https://doi.org/10.1080/15391523.2020.1719943
- Pokrovskaia, N. N., Leontyeva, V. L., Ababkova, M. Y., Cappelli, L., & D'ascenzo, F. (2021). Digital communication tools and knowledge creation processes for enriched intellectual outcome—experience of short-term E-learning courses during pandemic. *Future Internet*, *13*(2), 1–22. https://doi.org/10.3390/fi13020043
- Pribadi, B. A., & Chung, K. S. (2023). Designing Online Learning: Comparative Study between Indonesian Open University and Korea National Open University. *International Journal of Instruction*, 16(2), 643–660. https://doi.org/10.29333/iji.2023.16234a
- Reigeluth, C. M., & An, Y. (2021). Merging the instructional design process with learner-centered theory: The Holistic 4D Model. Routledge.
- Reiners, T., & Dreher, H. (2009). Culturally-based Adaptive Learning and Concept Analytics to Guide Educational Website Content Integration. *Journal of Information Technology Education: Research*, 8(January), 125–139. https://doi.org/10.28945/163
- Richey, R. C. (2013). Encyclopedia of Terminology for Educational Communications and Technology. In *Reference Reviews* (Vol. 28, Issue 5). https://doi.org/10.1108/rr-03-2014-0052
- Romiszowski, A. (2009). Fostering Skill Development Outcomes. In *Instructional-Design Theories and Models: Building a Common Knowledge Base* (p. 186). Routledge.
- Sandelowski, M. (2010). What's in a name? Qualitative description revisited.

  Research in Nursing and Health, 33(1), 77–84.

  https://doi.org/10.1002/nur.20362
- Shields-Lysiak, L. K., Boyd, M. P., Iorio, J. P., & Vasquez, C. R. (2020). Classroom Greetings: More than a Simple Hello Iranian Journal of Language Teaching Research. *Iranian Journal of Language Teaching Research*, 8(3), 41–56. http://ijltr.urmia.ac.ir
- Smaldino, S. E., Lowther, D. ., & Mims, C. (2019). *Instructional Technology and Media for Learning* (12th ed.). Pearson.
- Ten, Y. P., Prikhodko, L. V., & Linnikov, A. S. (2021). International Students Cultural Diversity Clustering for Building HEI's Adaptive Academic Environment. *European Journal of Contemporary Education*, 10(1), 159–172. https://doi.org/10.13187/ejced.2021.1.159
- Thoma, B., Turnquist, A., Zaver, F., Hall, A. K., & Chan, T. M. (2019). Communication, learning and assessment: Exploring the dimensions of the digital learning environment. *Medical Teacher*, 41(4), 385–390. https://doi.org/10.1080/0142159X.2019.1567911
- Thompson, C. (2019). A review of second language teaching methods. *The Bulletin of the Graduate School of Josai International University*, 22, 55–69.

- Tu, J. C., Zhang, X., & Zhang, X. Y. (2021). Basic courses of design major based on the addie model: Shed light on response to social trends and needs. *Sustainability (Switzerland)*, 13(8). https://doi.org/10.3390/su13084414
- Usmeldi, & Risda. (2020). The effect of integrated science learning based on local wisdom to increase the students competency. *Journal of Physics: Conference Series*, 1470(1). https://doi.org/10.1088/1742-6596/1470/1/012028
- van Laar, E., van Deursen, A. J. A. M., van Dijk, J. A. G. M., & de Haan, J. (2020). Determinants of 21st-Century Skills and 21st-Century Digital Skills for Workers: A Systematic Literature Review. *SAGE Open*, 10(1). https://doi.org/10.1177/2158244019900176
- Vartanova, E., & Gladkova, A. (2020). Old and new discourses in Emerging States: communication challenges of the digital age. *Journal of Multicultural Discourses*, 15(2), 119–125. https://doi.org/10.1080/17447143.2020.1780244
- Voogt, J., & Knezek, G. (2021). Learners and learning contexts: international perspectives on new alignments for the digital age. *Educational Technology Research* and *Development*, 69(4), 2083–2089. https://doi.org/10.1007/s11423-021-09985-4
- Wambsganss, T., Benke, I., Maedche, A., Koedinger, K., & Käser, T. (2024). Evaluating the Impact of Learner Control and Interactivity in Conversational Tutoring Systems for Persuasive Writing. In *International Journal of Artificial Intelligence in Education* (Issue 2021). Springer New York. https://doi.org/10.1007/s40593-024-00409-x
- Wan, H., & Yu, S. (2020). A recommendation system based on an adaptive learning cognitive map model and its effects. *Interactive Learning Environments*, 2020(0), 1–19. https://doi.org/10.1080/10494820.2020.1858115
- Young, P. A. (2009). *Instructional Design Frameworks and Intercultural Models*. Information Science Reference.

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