

DAFTAR PUSTAKA

- Agussalim, A., Baso, Y. S., & Zuhriah. (2019). Perancangan Kamus Digital Linguistik-Arab Berbasis Windows dan Android. *Nady Al-Adab*, 16(2), 75.
<https://doi.org/10.20956/jna.v16i2.6657>
- Ahyar, H. (2020). *Buku Metode Penelitian Kualitatif & Kuantitatif*. CV Pustaka Ilmu.
- Al-Hunaiyyan, A., Alhajri, R. A., & Al-Sharhan, S. (2018). Perceptions and challenges of mobile learning in Kuwait. *Journal of King Saud University - Computer and Information Sciences*, 30(2), 279–289. <https://doi.org/10.1016/j.jksuci.2016.12.001>
- Al Sayah, F., Ishaque, S., Lau, D., & Johnson, J. A. (2013). Health related quality of life measures in Arabic speaking populations: A systematic review on cross-cultural adaptation and measurement properties. *Quality of Life Research*, 22(1), 213–229.
<https://doi.org/10.1007/s11136-012-0129-3>
- Ali, S., Hafeez, Y., Humayun, M., Jamail, N. S. M., Aqib, M., & Nawaz, A. (2022). Enabling recommendation system architecture in virtualized environment for e-learning. *Egyptian Informatics Journal*, 23(1), 33–45.
<https://doi.org/https://doi.org/10.1016/j.eij.2021.05.003>
- Ali, S. M. (2012). Challenges and Benefits of Implementing Tablets in Classroom for e-Learning in a K-12 Education Environment – Case Study of a School in United Arab Emirates. *International Journal of Engineering and Science*, 3(4), 2278–4721.
- Anderson, C. (2010). Presenting and evaluating qualitative research.(SPECIAL ARTICLES)(Report). *American Journal of Pharmaceutical Education*, 74(8).
- Anita Liu, G. H. & Wayne L. (2010). Innovation in Construction Education: The Role of Culture in E-learning. *Architectural Engineering and Design Management*, 6(2), 91–102.
<https://doi.org/https://doi.org/10.3763/aedm.2009.0109>
- Arsyad, A. (2013). *Media Pembelajaran*. Rajawali Press.
- Azimi, H. M. (2013). Assessment of e-learning needs among students of colleges of education. *Turkish Online Journal of Distance Education*, 14(4), 271–286.
- Baris, M. F., & Tosun, N. (2011). E-portfolio in Lifelong Learning Applications. *Procedia - Social and Behavioral Sciences*, 28, 522–525.
<https://doi.org/https://doi.org/10.1016/j.sbspro.2011.11.100>
- Barrett, H. (2007). Researching Electronic Portfolios and Learner Engagement: The REFLECT Initiative. *Journal of Adolescent & Adult Literacy*, 50(6), 436–449.
- Baso, Y.S; Safa, N. (2020). Ta'allumi al-Lughah al-Arabiyah ‘an Bu’din wa Tathawwuruhu fi Jami’ah Hasaniddin. *Nady Al-Adab*, 17(1).

- Baso, Y. ., & Agussalim, A. (2021). Computerization of Local Language Characters. *International Journal of Advanced Computer Science and Applications*, 12(12), 76–84. <https://doi.org/10.14569/ijacsa.2021.0121211>
- Baso, Y. ., Padjung, R., & Budi, P. (2019). The Proliferation of Smartphones and their Effects on Improving the Vocabulary of Indonesian Learners of Arabic. *SCITEPRESS*, 143–147. <https://doi.org/10.5220/0008681701430147>
- Baso, Y. S. (2008). Penggunaan Multimedia Interaktif dalam Pembelajaran Bahasa Arab. *نادي الأدب*, 54–48 , (2)5.
- Baso, Y. S. (2020). *Penerapan Metode Penelitian dan Pengembangan* (Andi Agussalim (ed.); 1st ed.). Pusat Kajian Media dan Sumber Belajar LPMPP Universitas Hasanuddin.
- Baso, Y. S., Usman, A. N., & Syarif, S. (2022). *The Effectiveness of the Android-Based Try-Out Application for Competency Test of Midwife Students*. 37(3), 3296–3305.
- Batmang, B., Sultan, M., Azis, A., & Gunawan, F. (2021). Perceptions of pre-service teachers on online learning during the COVID-19 pandemic. *International Journal of Education in Mathematics, Science and Technology*, 9(3), 449–461. <https://doi.org/10.46328/IJEMST.1595>
- Baylari, A., & Montazer, G. A. (2009). Design a personalized e-learning system based on item response theory and artificial neural network approach. *Expert Systems with Applications*, 36(4), 8013–8021. <https://doi.org/https://doi.org/10.1016/j.eswa.2008.10.080>
- Bell, S. (2010). Project-Based Learning for the 21st Century: Skills for the Future. *The Clearing House: A Journal of Educational Strategies, Issues and Ideas*, 83(2), 39–43.
- Bigeni, J., Bigeni, S., & Balzan, M. (2013). e-Learning: are all users in front of the computer all the time? *Journal of European CME*, 2(1), 22826. <https://doi.org/10.3402/jecme.v2i0.22826>
- Blake, R. J., & Shiri, S. (2012). Online Arabic Language Learning: What Happens After? *L2 Journal*, 4(2). <https://doi.org/10.5070/l24212462>
- Borglin, G., & Fagerström, C. (2012). Nursing students' understanding of critical thinking and appraisal and academic writing: A descriptive, qualitative study. *Nurse Education in Practice*, 12(6), 356–360. <https://doi.org/10.1016/j.nepr.2012.04.009>
- Boumarafi, B. (2010). Strategies for the delivery of e-information services to support the e-learning environment at the University of Sharjah. *Electronic Library*, 28(2), 276–285. <https://doi.org/10.1108/02640471011033639>

- Brookhart, S. M. (2008). *How to Give Effective Feedback to Your Students*. ASCD.
- Bruner, J. S. (1996). *Toward a Theory of Instruction*. Harvard University Press.
- Can, T. (2009). Learning And Teaching Languages Online: A Constructivist Approach. *Education*, 3(1), 60–74.
- Cara Flanagan, Jo Haycock, Mark Jones, R. J. (2016). Piaget's Theory of Cognitive Development. *Illuminate Publishing*, 7.
- Copur-Gencturk, Y., Thacker, I., & Cimpian, J. R. (2022). Teacher bias in the virtual classroom. *Computers and Education*, 191(August), 104627. <https://doi.org/10.1016/j.compedu.2022.104627>
- Dabbagh, N., & Kitsantas, A. (2018). Personal Learning Environments, social media, and self-regulated learning: A natural formula for connecting formal and informal learning. *The Internet and Higher Education*, 15(1), 3–8.
- Darmawan, I. D. M. B. A. (2021). The effectiveness of the blended learning approach in algorithm and programming courses. In *Journal of Physics: Conference Series* (Vol. 1722, Issue 1). <https://doi.org/10.1088/1742-6596/1722/1/012104>
- Davis, F. D. (1989). Perceived usefulness, perceived ease of use, and user acceptance of information technology. *MIS Quarterly: Management Information Systems*, 13(3), 319–339. <https://doi.org/10.2307/249008>
- Davis, R., & Surajballi, V. (2014). Successful implementation and use of a learning management system. *Journal of Continuing Education in Nursing*, 45(9), 379–381. <https://doi.org/10.3928/00220124-20140825-12>
- DeCoito, I., & Richardson, T. (2018). Teachers and Technology: Present Practice and Future Directions. *Canadian Journal of Science, Mathematics and Technology Education*, 18(2), 143–159.
- Deng, W., Liu, Q., Zhao, F., Pham, D. T., Hu, J., Wang, Y., & Zhou, Z. (2024). Learning by doing: A dual-loop implementation architecture of deep active learning and human-machine collaboration for smart robot vision. *Robotics and Computer-Integrated Manufacturing*, 86, 102673. <https://doi.org/https://doi.org/10.1016/j.rcim.2023.102673>
- Deniko, R. V., Shchitova, O. G., Shchitova, D. A., & Lan, N. T. (2015). Learning Terminology in the Age of Higher Education Internationalization: Problems and Solutions. *Procedia - Social and Behavioral Sciences*, 215, 107–111. <https://doi.org/https://doi.org/10.1016/j.sbspro.2015.11.582>
- Dick, W., Carey, L., & Carey, J. O. (2015). The Systematic Design of Instruction - The Eight Edition. *Educational Technology Research and Development*, 15.

Distance Learning. (2022).

- Esteban-Gil, A., Fernández-Breis, J. T., Castellanos-Nieves, D., Valencia-García, R., & García-Sánchez, F. (2009). Semantic enrichment of SCORM metadata for efficient management of educative contents. *Procedia - Social and Behavioral Sciences*, 1(1), 927–932. <https://doi.org/https://doi.org/10.1016/j.sbspro.2009.01.164>
- Garrison, D. R., Anderson, T., & Archer, W. (2000). Critical Inquiry in a Text-Based Environment: Computer Conferencing in Higher Education. *The Internet and Higher Education*, 2(3), 87–105.
- Gazza, E. A., & Matthias, A. (2016). Using student satisfaction data to evaluate a new online accelerated nursing education program. *Evaluation and Program Planning*, 58, 171–175. <https://doi.org/https://doi.org/10.1016/j.evalprogplan.2016.06.008>
- Ghatas, Y., Fayek, M., & Hadhoud, M. (2022). A hybrid deep learning approach for musical difficulty estimation of piano symbolic music. *Alexandria Engineering Journal*, 61(12), 10183–10196. <https://doi.org/https://doi.org/10.1016/j.aej.2022.03.060>
- Giday, D. G., & Perumal, E. (2024). Students' perception of attending online learning sessions post-pandemic. *Social Sciences & Humanities Open*, 9, 100755. <https://doi.org/https://doi.org/10.1016/j.ssaho.2023.100755>
- Hakkarainen, T., Salminen, L., Alastalo, M., & Virtanen, H. (2024). Online degree programmes in nurse education—Students' perceptions and academic performance: An integrative review. *Nurse Education Today*, 136, 106148. <https://doi.org/https://doi.org/10.1016/j.nedt.2024.106148>
- Haley, M. H., Steeley, S. L., & Salahshoor, M. (2013). Connecting Twenty-first Century Skills and World Language Practices: A Case Study with Teachers of Critical Need Languages. *Theory & Practice in Language Studies*, 3(6), 865–876. <https://doi.org/10.4304/tpls.3.6.865-876>
- Hamzah, Andi Abdul, Agussalim, Andi dan Baso, Y. S. (2018). Pengaruh Media Pembelajaran Komputer Terhadap Kemampuan Penggunaan Dhamir bahasa Arab. *Nady Al-Adab*, 15(2), 1–9.
- Hardt, D., Nagler, M., & Rincke, J. (2023). Tutoring in (online) higher education: Experimental evidence. *Economics of Education Review*, 92, 102350. <https://doi.org/https://doi.org/10.1016/j.econedurev.2022.102350>
- Hasenbein, L., Stark, P., Trautwein, U., Queiroz, A. C. M., Bailenson, J., Hahn, J. U., & Göllner, R. (2022). Learning with simulated virtual classmates: Effects of social-related configurations on students' visual attention and learning experiences in an immersive

- virtual reality classroom. *Computers in Human Behavior*, 133(October 2021).
<https://doi.org/10.1016/j.chb.2022.107282>
- Herrington, J., & Parker, J. (2013). Emerging Technologies as Cognitive Tools for Authentic Learning. *British Journal of Educational Technology*, 44(4), 607–615.
- Hsu, T. C. (2017). Learning English with Augmented Reality: Do learning styles matter? *Computers & Education*, 106, 137–149.
- Jacobse, A. E., & Harskamp, E. G. (2012). Towards Efficient Measurement of Metacognition in Mathematical Problem Solving. *Metacognition and Learning*, 7(2), 133–149.
- Jayousi, S., Barchielli, C., Alaimo, M., Caputo, S., Paffetti, M., Zoppi, P., & Mucchi, L. (2024). *Scoping Review and Case Studies*. 1–21.
- Jonassen, D. H. (1999). *Designing Constructivist Learning Environments*. In C. M. Reigeluth (Ed.), *Instructional-Design Theories and Models: A New Paradigm of Instructional Theory*. Lawrence Erlbaum Associates.
- Kemendikbud. (2016). *Kamus Besar Bahasa Indonesia*. Kemendikbud.
- Kirschner, P. A., Sweller, J., & Clark, R. E. (2006). Why Minimal Guidance During Instruction Does Not Work: An Analysis of the Failure of Constructivist, Discovery, Problem-Based, Experiential, and Inquiry-Based Teaching. *Educational Psychologist*, 41(2), 75–86.
- Koh, J. H. L., Chai, C. S., Wong, B., & Hong, H. Y. (2015). Design thinking for education: Conceptions and applications in teaching and learning. In *Design Thinking for Education: Conceptions and Applications in Teaching and Learning* (Issue January).
<https://doi.org/10.1007/978-981-287-444-3>
- Kratochvíl, J. (2013). Evaluation of e-learning course, Information Literacy, for medical students. *Electronic Library*, 31(1), 55–69. <https://doi.org/10.1108/02640471311299137>
- Larrivee, B. (2008). Development of a Tool to Assess Teachers' Level of Reflective Practice. *Reflective Practice*, 9(3), 341–360.
- Learning, T. in S. of C. (2015). Technology in Support of Collaborative Learning. *Educational Psychology Review*, 27(1), 65–83.
- Lee, C. H., Kim, K., Seo, Y. S., & Chung, C. K. (2007). The relations between personality and language use. *The Journal of General Psychology*, 134(4), 405–413.
<https://doi.org/10.3200/GENP.134.4.405-414>
- Leight, J., Lee, M.-A., & Hare, M. K. (2007). A Web-based Learning Portfolio System. *Journal of Physical Education, Recreation & Dance*, 78(9), 45–48.
<https://doi.org/10.1080/07303084.2007.10598097>

- Liu, M., & Chen, S. (2018). A Comparison of Online Constructivist and Traditional Learning Environments. *TechTrends*, 62(6), 601–606.
- Logan, R. M., Johnson, C. E., & Worsham, J. W. (2021). Development of an e-learning module to facilitate student learning and outcomes. *Teaching and Learning in Nursing*, 16(2), 139–142. <https://doi.org/10.1016/j.teln.2020.10.007>
- Mantasiah, R., Yusri, Sinring, A., & Aryani, F. (2021). Assessing verbal positive reinforcement of teachers during school from home in the covid-19 pandemic era. *International Journal of Instruction*, 14(2), 1037–1050. <https://doi.org/10.29333/iji.2021.14259a>
- Meredith D. Gall, Joyce P. Gall, W. R. B. (2003). *Educational Research: An Introduction*, 7th Edition (7th ed.). Longman Inc.
- Mohammed, T. (2022). *Designing an Arabic Speaking and Listening Skills E- Course : Resources , Activities and Students ' Perceptions*. 20(1), 53–68.
- Mubarak, H. (2019). Highly effective Arabic diacritization using sequence to sequence modeling. In *NAACL HLT 2019 - 2019 Conference of the North American Chapter of the Association for Computational Linguistics: Human Language Technologies - Proceedings of the Conference* (Vol. 1, pp. 2390–2395).
- Muljono Damopolii dan Muhammad Yaumi. (2014). *Laporan Hasil Penelitian*.
- Nagy, V., & Duma, L. (2023). Measuring efficiency and effectiveness of knowledge transfer in e-learning. *Heliyon*, 9(7). <https://doi.org/10.1016/j.heliyon.2023.e17502>
- Nancy Herther. (2006). Technology, theory and learning. *The International Journal for the Application of Technology in Information Environments*, 24(5), 585–589.
- Nicholas, D. A. (2019). Fatty Acid Metabolites Combine with Reduced β Oxidation to Activate Th17 Inflammation in Human Type 2 Diabetes. *Cell Metabolism*, 30(3), 447–461. <https://doi.org/10.1016/j.cmet.2019.07.004>
- Nielsen, H. L. (2012). E-learning and the dilemma of learner autonomy: A case study of first year university students of Arabic. *Orientalia Suecana*, 61(1), 89–105.
- Omar, R. (2021). Blended learning approach in graduate studies: A bibliometric analysis from 1997-2021. *International Journal of Information and Education Technology*, 11(11), 546–552. <https://doi.org/10.18178/ijiet.2021.11.11.1563>
- Palloff, R. M., & Pratt, K. (2017). *Building Online Learning Communities: Effective Strategies for the Virtual Classroom*. Jossey-Bass.
- Park, E., Sung, J., & Cho, K. (2015). Reading experiences influencing the acceptance of e-book devices. *Electronic Library*, 33(1), 120–135. <https://doi.org/10.1108/EL-05-2012-0010>

- Pellegrino, J. W., Chudowsky, N., & Glaser, R. (2001). *Knowing What Students Know: The Science and Design of Educational Assessment*. National Academies Press.
- Pham, A. T. (2022). University Students' Perceptions on the Use of Quizlet in Learning Vocabulary. *International Journal of Emerging Technologies in Learning*, 17(7), 54–63.
<https://doi.org/10.3991/ijet.v17i07.29073>
- Piaget, J. (1954). *The Construction of Reality in the Child*. Basic Books.
- Pratama, A. (2023). Sainteks : jurnal sain dan teknik. *Analysis Kekuatan Kontruksi Rangka Pada Perancangan Belt Conveyor Menggunakan Ansys Workbench*, 2(2), 58–71.
- Rahman, A., Islam, M. S., Ahmed, N. A. M. F., & Islam, M. M. (2023). Students' perceptions of online learning in higher secondary education in Bangladesh during COVID-19 pandemic. *Social Sciences & Humanities Open*, 8(1), 100646.
<https://doi.org/https://doi.org/10.1016/j.ssaho.2023.100646>
- Ramírez-Correa, P. E., Arenas-Gaitán, J., & Rondán-Cataluña, F. J. (2015). Gender and acceptance of e-learning: A multi-group analysis based on a structural equation model among college students in Chile and Spain. *PLoS ONE*, 10(10).
<https://doi.org/10.1371/journal.pone.0140460>
- Rani, M., Dhar, A. K., & Vyas, O. P. (2017). Semi-automatic terminology ontology learning based on topic modeling. *Engineering Applications of Artificial Intelligence*, 63, 108–125. <https://doi.org/https://doi.org/10.1016/j.engappai.2017.05.006>
- Ratan, R., Ucha, C., Lei, Y., Lim, C., Triwibowo, W., Yelon, S., Sheahan, A., Lamb, B., Deni, B., & Hua Chen, V. H. (2022). How do social presence and active learning in synchronous and asynchronous online classes relate to students' perceived course gains? *Computers & Education*, 191, 104621.
<https://doi.org/https://doi.org/10.1016/j.compedu.2022.104621>
- Romano, N. C., Donovan, C., Chen, H., & Nunamaker, J. F. (2003). A methodology for analyzing Web-based qualitative data. *Journal of Management Information Systems*, 19(4), 213–246. <https://doi.org/10.1080/07421222.2003.11045741>
- Sacchanand, C., & Jaroenpuntaruk, V. (2006). Development of a web-based self-training package for information retrieval using the distance education approach. *Electronic Library*, 24(4), 501–516. <https://doi.org/10.1108/02640470610689197>
- Safar, A. H., & Qabazard, N. M. (2019). Faculty's Usage of Academic Support ICT Services at Kuwait University. *Turkish Online Journal of Educational Technology - TOJET*, 18(4), 16–34.

- Sahrir, M. S., & Alias, N. A. (2011). A study on Malaysian language learners' perception towards learning Arabic via online games. *GEMA Online Journal of Language Studies*, 11(3), 129–145.
- Salter, S. M., Karia, A., Sanfilippo, F. M., & Clifford, R. M. (2014). Effectiveness of E-learning in pharmacy education. *American Journal of Pharmaceutical Education*, 78(4). <https://doi.org/10.5688/ajpe78483>
- Sclater, N., Peasgood, A., & Mullan, J. (2016). *Learning Analytics in Higher Education: A review of UK and international practice*. Jisc.
- Sharifabadi, S. R. (2006). How digital libraries can support e-learning. *Electronic Library*, 24(3), 389–401. <https://doi.org/10.1108/02640470610671231>
- Shinichi Ota, Jean Francois H. Geschwind, Manon Buijs, Joost W. Wijlemans, Byung Kook Kwak, S. G.-K. (2013). Ultrasound-guided direct delivery of 3-bromopyruvate blocks tumor progression in an orthotopic mouse model of human pancreatic cancer. *Targeted Oncology*, 8(2), 145–151. <https://doi.org/https://doi.org/10.1007/s11523-013-0273-x>
- Simpson-Spence, L. (2021). *Student'S Perception of Teaching Presence and Failure in Online Learning*. 1–149.
- Stemple, J. D., Sanders, M., Twiford, T., & Constantino, S. (2004). *Job Satisfaction of High School Principals in Virginia*.
- Styliadis, A. D., Akbaylar, I. I., Papadopoulou, D. A., Hasanagis, N. D., Roussa, S. A., & Sexidis, L. A. (2009). Metadata-based heritage sites modeling with e-learning functionality. *Journal of Cultural Heritage*, 10(2), 296–312. <https://doi.org/https://doi.org/10.1016/j.culher.2008.08.014>
- Sugiyono. (2019). *Metode Penelitian Pendidikan*. ALFABETA.
- Sultan, W. H., Woods, P. C., & Koo, A. C. (2011). A constructivist approach for digital learning: Malaysian schools case study. *Educational Technology and Society*, 14(4), 149–163.
- Teng, S., Khong, K. W., Goh, W. W., & Chong, A. Y. L. (2014). Examining the antecedents of persuasive eWOM messages in social media. *Online Information Review*, 38(6), 746–768. <https://doi.org/10.1108/OIR-04-2014-0089>
- Topping, K. (2009). Peer Assessment. *Theory Into Practice*, 48(1), 20–27.
- Tullo, E., Newton, J., & Clapp, A. (2012). What can e-learning offer geriatric medicine in the UK? *Reviews in Clinical Gerontology*, 22(3), 235–242. <https://doi.org/10.1017/S0959259812000081>
- Vaz, P. C. M., Volkert, V. M., & Piazza, C. C. (2011). Using Negative Reinforcement To

- Increase Self-Feeding in a Child With Food Selectivity. *Journal of Applied Behavior Analysis*, 44(4), 915–920. <https://doi.org/10.1901/jaba.2011.44-915>
- Vygotsky, L. S. (1978). *Mind in Society: The Development of Higher Psychological Processes*. Harvard University Press.
- Zuhriah, Safa, Najmuddin, Said, Ikhwan dan Baso, Y. S. (2021). Aplikasi Pengidentifikasi Verba Perfektif Bahasa Arab. *Nady Al-Adab*, 200, 99–120.