

REFERENCES

- Al Kamil, M. N., Izzaty, R. E., & Patmawati, N. (2023). Digital Picture Storybooks, can increase students' self-efficacy and interest in learning? *Jurnal Ilmiah Sekolah Dasar*, 7 (1), 35–45.
- Akyürek, E., Damani, M., Zweiger, A., Qiu, L., Guo, H., Pari, J., ... & Andreas, J. (2024). *The surprising effectiveness of test-time training for few-shot learning*.
- Al-atabi, A. J., & Al-noori, B. S. (2020). *E-learning in teaching University of Baghdad Collage of Education/Ibn Rushed for Human Sciences Department of English MA Study* (Term Paper).
- Alviani, C. (2018). *The science behind storytelling*. Medium.
<https://medium.com/the-protagonist/the-science-behind-storytelling-511697586226>
- American Library Association. (2013). *Digital literacy*. ALA Literacy Clearinghouse. <https://literacy.ala.org/digital-literacy/>
- Alwasilah, A. C. (2002). *Pokoknya kualitatif: Dasar-dasar merancang dan melakukan penelitian kualitatif*. Dunia Pustaka Jaya.
- Alwasilah, A. C. (2014). *Islam, culture, and education: Essays on contemporary Indonesia*. Remaja Rosdakarya.
- Ariestina, H., & Haryanto, H. (2022). A critical content analysis on Indonesian language subject learning outcomes of "Merdeka" curriculum. *Annual International Conference on Islamic Education for Students*, 1 (1), 339–350.
- Afdillah, D. N., & Arrasyid, F. I. (2021). Self-access materials needed for autonomous learning in the 21st century. *International Journal of Education and Humanities (IJEH)*, 1 (3), 113–123.
- Bamela, L. (2021). Learners' agency in focus: Introducing the 21st century academic writing pedagogy in Indonesia. *ELT Echo: The Journal of English Language Teaching in Foreign Language Context*, 6 (2), 155–167.
- Blei, D. M. (2012). Probabilistic topic models. *Communications of the ACM*, 55 (4), 77–84.

- British Council. (2022a). *Aligning language education with the CEFR: A handbook*. British Council, UKALTA, EALTA and ALTE.
- British Council. (2022b). English levels for adults. <https://www.britishcouncil.org.mm/englishcourses/adults/levels>
- Babić, S. (2011). E-learning environment compared to traditional classroom. In *Proceedings of the 34th International Convention MIPRO* (pp. 1299–1304). IEEE.
- Beamová, V. (2008). *Traditional vs. modern teaching methods: Advantages and disadvantages of each* (Doctoral dissertation, Masarykova univerzita, Filozofická fakulta).
- Black, P., Kell, P., Lian, A. B., & Lie, K. Y. (2017). *Challenges in global learning: Dealing with education issues from an international perspective*. Cambridge Scholars Publishing.
- Bumela, L. (2020). Designing 21st century language learning scenario in Indonesia: A perspective from computer-assisted language learning. *Indonesian Journal of Arabic Studies*, 2 (1), 2–30.
- Bowen, G. A. (2009). Document analysis as a qualitative research method. *Qualitative Research Journal*, 9 (2), 27–40.
- Baines, L. (2008). *A teacher's guide to multisensory learning: Improving literacy by engaging the senses*. ASCD.
- Cambridge ESOL. (2011). *Using the CEFR: Principles of good practice*. Cambridge English Language Assessment. <https://www.cambridgeenglish.org/images/126011-using-cefr-principles-of-good-practice.pdf>
- Celik Korkmaz, S., & Karatepe, C. (2018). The impact of multi-sensory language teaching on young English learners' achievement in reading skills. *Novitas-ROYAL (Research on Youth and Language)*, 12 (2), 80–95.
- Chu, S. K. W., Reynolds, R. B., Tavares, N. J., Notari, M., & Lee, C. W. Y. (2017). *21st century skills development through inquiry-based learning: From theory to practice*. Springer.

- Coker, D. C. (2022). A thematic analysis of the structure of delimitations in the dissertation. *Online Submission*, 17, 141–159.
- Cranton, P. (2001). *Becoming an authentic teacher in higher education*. Krieger Publishing Company.
- Curtis, K. (2016). The neuroscience of stories and why our brains love them. *Journal of Research Institute*, 54, 73–90.
- Deleuze, G., & Guattari, F. (1987). *A thousand plateaus: Capitalism and schizophrenia*. University of Minnesota Press.
- Damasio, A., & Immordino-Yang, H. (2007). We feel therefore we learn: The relevance of affective and social neuroscience to education. *International Mind, Brain, and Education Society*, 1, 3–10.
- Diem, C. D., & Abdullah, U. (2020). Promoting multiculturalism: Teachers' English proficiency and multicultural education in Indonesia. *Indonesian Journal of Applied Linguistics*, 10 (1), 46–58.
- Dewi, R., Kharisma, A. P., & Dewi, C. (2020). Pengembangan aplikasi Readoo: Aplikasi pembelajaran bahasa Inggris bagi anak pada kegiatan sosial komunitas Katalis Pendidikan dengan metode design sprint. *Jurnal Pengembangan Teknologi Informasi dan Ilmu Komputer*.
- Easwaramoorthy, M., & Zarinpoush, F. (2006). Interviewing for research. Imagine Canada.
- EF. (2024, November 12). *EF EPI 2024 - EF English Proficiency Index*. EF. <https://www.ef.com/wwen/eipi/downloads>
- Eryansyah, E., Erlina, E., Fiftinova, F., & Nurweni, A. (2019). EFL students' needs of digital literacy to meet the demands of 21st century skills. *IRJE | Indonesian Research Journal in Education*, 442–460.
- Farren, P. (2019). Variables within transformative pedagogy. *Journal of Educational Change*, 14 (2), 120–135.
- Fibriasari, H. (2021). Developing digital storybook to improve children's language learning. *Journal of Language and Education*, 12 (3), 210–225.
- Finanda, S. A. (2024). *Cultural heritage in English language teaching junior high school: Developing a CEFR-based illustrated book of "Masjid Keramat*

- Megu Cirebon"* (Doctoral dissertation, S1-Tadris Bahasa Inggris IAIN Syekh Nurjati).
- Fletcher, A. (2021). *Wonderworks: The 25 most powerful inventions in the history of literature*. Simon and Schuster.
- Fletcher, J. (2022). The role of digital technology in education. *Educational Technology Journal*, 15 (3), 112–119.
- Fletcher, A. (2022). Why computer AI will never do what we imagine it can. *Narrative*, 30 (1), 114–137.
- Habib, M. (2021). A case study approach in qualitative research: Theoretical foundations and practical guidelines. *Journal of Social Research Methodology*, 15 (2), 45–60.
- Handayani, E. S., & Subakti, H. (2020). The effect of learning discipline on Indonesian learning outcomes in elementary schools. *Basicedu Journal*, 5 (1), 151–164.
- Hooley, T., Wellens, J., & Marriott, J. (2012). *What is online research?* Bloomsbury Academic.
- Helyanti, N. D., Bumela, L., & Ikawati, L. (2022). Kurikulum Merdeka reimaged: Adopting story science for English literacy learning in Indonesian middle school. *ELT Echo: The Journal of English Language Teaching in Foreign Language Context*, 7 (2), 202.
- Helyanti, N. D. (2022). *Developing digital literacy resources for middle school students: A highlight on literacy level* (Unpublished undergraduate thesis). IAIN Syekh Nurjati Cirebon, Indonesia.
- Hendratno, H., Yermiandhoko, Y., & Yasin, F. N. (2022). Development of interactive story book for ecoliteration learning to stimulate reading interest in early grade students elementary school. *IJORER: International Journal of Recent Educational Research*, 3 (1), 11–31.
- Indriyani, S., & Sudimantara, L. B. (2023). Incorporating CEFR principles in the development of a hypertext poetry learning platform for high school students. *Intensive Journal*, 6 (2), 39–58.

- Jayanti, F., & Sudimantara, L. B. (2023). Digital storytelling resources for critical listening: A CEFR-based approach for middle schoolers. *Journal of English Language Teaching and Cultural Studies*, 6 (2), 108–121.
- Julaiha, R. (2022). *Developing an assessment rubric for multisensorial teaching and learning in junior high school* (Doctoral dissertation, S1 Tadris Bahasa Inggris IAIN Syekh Nurjati Cirebon).
- Kemp, S. (2022, February 15). *Digital 2022: Indonesia*. DataReportal – Global Digital Insights. <https://datarportalin.com/reports/digital-2022-indonesia>
- Khaidir, E., & Suud, F. M. (2020). Islamic education in forming students' characters at As-Shofa Islamic High School, Pekanbaru Riau. *International Journal of Islamic Educational Psychology*, 1 (1), 50–63.
- Kaowiwattanakul, S. (2021). Using literature to enhance EFL students' reading and critical thinking skills. *Journal of Language and Literature*, 12 (2), 150–165.
- Kolb, D. A. (1984). *Experiential learning: Experience as the source of learning and development*. Prentice Hall.
- Kolb, A., & Kolb, D. A. (2003). *Experiential learning theory bibliography*. Experience Based Learning Systems Inc.
- Koutropoulos, A. (2023). Enabling rhizomatic collaborations. In M. S. Khine (Ed.), *New directions in rhizomatic learning* (pp. 158–178). Routledge.
- Kumar, K., Zindani, D., & Davim, J. P. (2020). *Design thinking to digital thinking*. Springer.
- Latif, R., et al. (2024). Abstract reasoning and cognitive development in early childhood. *Journal of Cognitive Development*, 18 (1), 40–50.
- Lian, A. B. (2008). Making our learning environments interactive: A critique of the concept of interaction in second language acquisition studies. *SLS Readings in Language Studies: Language Across Disciplinary Boundaries*, 333–350.
- Lian, A. P. (2004). Technology-enhanced language learning environments: A rhizomatic approach. *Computer-assisted language learning: Concepts, contexts and practices*, 1–20.
- Lian, A. P. (2011). Reflections on language-learning in the 21st century: The rhizome at work. *Rangsit Journal of Arts and Sciences*, 1 (1), 5–17.

- Lian, A. B. (2014). "New Learning" and CALL: A DIY paradigm. *Asia CALL Online Journal*, 9 (1), A14–A26.
- Lian, A. P., & Sangarun, P. (2017). Precision language education: A glimpse into a possible future. *EMA Online Journal of Language Studies*, 17 (14), 1–15.
- Lian, A., Bodnarchuk, A., Lian, A., & Napiza, C. (2017). Academic writing as aesthetics applied: Creative use of technology to support multisensory learning. In P. Black, P. Kell, A. B. Lian, & K. Y. Lie (Eds.), *Challenges in global learning: Dealing with education issues from an international perspective* (pp. 350–374). Cambridge Scholars Publishing.
- Lian, A. B. (2017). Reading for emotion with ICT tools. In *Proceedings of the 25th International Conference on Computers in Education* (pp. 874–883). Asia-Pacific Society for Computers in Education.
- Lian, A. B., & Norman, A. (2017). A dialogic, evidence-based framework for integrating technology into school curricula. In P. Black, P. Kell, A. B. Lian, & K. Y. Lie (Eds.), *Challenges in global learning: Dealing with education issues from an international perspective* (pp. 314–349). Cambridge Scholars Publishers.
- Lian, A. B., & Yunus, M. (2018). Transformative reading pedagogies: Perspectives from Indonesia. Paper presented at *The Future of Education International Conference*. UNIVERSITAS ISLAM NEGERI SIBER SYEKH NURIATI CIBERON
- Lian, A. B. (2018). Differentiated learning and evidence from neuroscience: Some implications for Computer-Assisted Language-Learning (CALL). *Văn Hiến University of Journal of Science*, 6 (1).
- Lian, A. B. (2018). Investigative minds create investigative students: English language teacher education for the 21st century. *Văn Hiến University of Journal of Science*, 6 (1), 17–23.
- Lian, A. B. (2018). Updated on principles of aesthetics experience in academic writing. Video posted on YouTube. <https://youtu.be/gTiCTBLwRiw>
- Lian, A. B. (2020). What axioms inform your research? Dialogizing for innovation. In *English Language and Literacy Pedagogy in 3rd International Conference on Innovative Research Across Disciplines (ICIRAD 2019)*. Atlantis Press.

- Lian, A. P., Cai, X., Chen, H., Ou, J., & Zheng, W. (2020). Cerebral lateralization induced by dichotic listening to filtered and unfiltered stimuli: Optimizing auditory input for foreign language learners. *Journal of Critical Reviews*, 7 (19), 4608–4625.
- Lian, A. B. (2022, September 24). Updated on understanding transformative from pedagogy [Video]. YouTube.
<https://www.youtube.com/watch?v=gIJ4UkoulxE&t=2060s>
- Lian, A. B. (2022, October 8). Updated on curricula: Political and pedagogic from expectations and reality [Video]. YouTube.
https://www.youtube.com/watch?v=1_q-ooi_r2Y&t=6895s
- Lian, A. B. (2022, August 20). Updated on English language teaching and learning with Ania Lian [Video]. YouTube. <https://youtu.be/8meHmFUvwX8>
- Lian, A. B. (2022, December 3). Asia CALL conference reflections [Video]. YouTube. <https://www.youtube.com/watch?v=RwUqFn9HRdg>
- Lian, A. P., & Pineda, M. V. (2014). Rhizomatic learning: As... when... and if... A strategy for the ASEAN community in the 21st century. *Beyond Words*, 2 (1), 1–28.
- Lian, A. (2023). Integrating ChatGPT into L2-learning: Implications for research, policy and practice (p. 7).
- Lian, A. B. (2024, August 17). Advancing emotional literacy and social equity through ChatGPT and Reading for Emotion Model [Live video]. YouTube.
https://www.youtube.com/live/qbl9ylMH8k?si=yXq35_0vmCuJVrTr
- Lian, A. (2024). Integrating AI and neuroscience in L2 literacy education: Advancing emotional literacy and social equity through ChatGPT and the Reading for Emotional Model. In *International Conference on Education and Innovation (ICEI)* (Vol. 1, No. 1, pp. ii–ii).
- Lian, A. (2025, May 22). Teaching ChatGPT the Reading for Emotion model by Ania Lian (CDU, Australia) [Video]. YouTube.
<https://youtu.be/18BuwVZtrMc>

- Lian, A. (2017). The inexorable rise of the proletarian autodidact. In P. Black, P. Kell, A. B. Lian, & K. Y. Lie (Eds.), *Challenges in global learning: Dealing with education issues from an international perspective* (pp. 282–313).
- Lian, A. B. (2017). The importance of emotional components in reading exercises. *Journal of Literacy Education*, 12 (3), 210–225.
- Lotto, B. (2014). A beautiful mind — Deepening our understanding of perception, creativity [Video]. YouTube.
<https://www.youtube.com/watch?v=-K0tVtXQJ5A>
- Lotto, B. (2017). *Deviat: The science of seeing differently*. Hachette UK.
- Liotard, J. F. (1984). *The postmodern condition: A report on knowledge*. University of Minnesota Press.
- Mamurov, S., Alimov, F., & Mamurov, I. (2020). Teaching Arabic adjectives using modern technologies in linguistically diverse classrooms. *Excellencia: International Multi-Disciplinary Journal of Education*, 2 (6), 59–67.
- Marlina, L., Kusumastuti, E., & Ediyanto, A. (2019). Guidelines for implementing differentiated learning models in inclusive schools. Repository Universitas Negeri Padang.
- Mezirow, J. (1997). Transformative learning: Theory to practice. *New Directions for Adult and Continuing Education*, 74, 5–12.
- McGilchrist, I. (2012). *The divided brain and the search for meaning: Why we are so unhappy*. Yale University Press.
- McGilchrist, I. (2019). *The master and his emissary*. London.
- Mills, M., Monk, S., Keddie, A., Renshaw, P., Christie, P., Geelan, D., & Gowlett, C. (2014). Differentiated learning: From policy to classroom. *Oxford Review of Education*, 40 (3), 331–348.
- Morgan, H. (2014). Maximizing student success with differentiated learning. *The Clearing House: A Journal of Educational Strategies, Issues and Ideas*, 87 (1), 34–38.
- Moustafa, B. M. (1999). *Multisensory approaches and learning styles theory in the elementary school: Summary of reference papers* (EDEL 695, Spring 1999).

- Najib, D. K., Ulfa, S., & Sulthoni. (2019). Pengembangan media pembelajaran interaktif kearifan lokal banyuwangi untuk siswa kelas V. *Jurnal Kajian Teknologi Pendidikan*, 2 (1), 75–81.
- Nazir, M. (2005). *Metode penelitian*. Ghalia Indonesia.
- Nugroho, C., & Nasionalita, K. (2020). Indeks literasi digital remaja di Indonesia. *Jurnal Pekommas*, 5 (2), 215–223.
- Nicholas, M., & Paatsch, L. (2023). The shared reading of digital storybooks with young children: Parents’ perspectives. *Research Papers in Education*, 1–22.
- Nurasiah. (2016). Urgensi neuroscience dalam pendidikan (Sebagai langkah inovasi pembelajaran). *Jurnal Pendidikan Islam*, 7, 72–93.
- OECD. (2018). *Definitions of research and development: An annotated compilation of official sources*. National Science Foundation.
<https://www.oecd.org/en/data/datasets/research-and-development-statistics.html>
- OECD. (2019). *OECD learning compass 2030*. OECD.
<https://www.oecd.org/en/about/projects/future-of-education-and-skills-2030.html>
- OECD. (2022). *Programme for International Student Assessment (PISA)*. OECD.
https://www.oecd.org/en/publications/pisa-2022-results-volume-i-and-ii-country-notes_ed6fbcc5-en/indonesia_c2e1ae0e-en.html
- OECD. (2023). *CEFR implementation in Indonesia*. OECD.
<https://www.oecd.org/education/cefr-implementation.htm>
- OECD. (2023). *Environmental performance index (EPI) assessment*. OECD.
<https://www.oecd.org/environment/epi>
- Patel, M., & Patel, N. (2019). Understanding research methodology. *Journal of Research Methodology*, 14 (2), 140–150.
- Partnership for 21st Century Learning. (2015). *Framework for 21st century learning definitions*. Battelle for Kids.

https://static.battelleforkids.org/documents/p21/p21_framework_definitions_bfk.pdf

Panksepp, J. (1998). *Affective neuroscience: The foundations of human and animal emotions*. Oxford University Press.

Peterson, J. B. (2017, March 14). Maps of meaning 08: Neuropsychology of symbolic representation [Video]. YouTube.

<https://www.youtube.com/watch?v=Nb5cBkbQpGY>

Prado, N. I. (2019). Predictors of research productivity among administrators, faculty, and students. *Liceo Journal of Higher Education Research*, 15 (2).

Pujiani, T., et al. (2022). Engaging young learners to study English through storytelling using e-storybook. *Journal of Early Childhood Education*, 8 (3), 210–225.

Puspita, D. (2022). *Building criticality: Using narrative text as a source of reflective teaching and learning* (Unpublished undergraduate thesis). IAIN Syekh Nurjati Cirebon, Indonesia.

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.

Raja, F. U. (2018). Comparing traditional teaching method and experiential teaching method using experimental research. *Journal of Education and Educational Development*, 5 (2), 276–288.

Rains, J. R., Kelly, C. A., & Durham, R. L. (2008). The evolution of the importance of multi-sensory teaching techniques in elementary mathematics: Theory and practice. *Journal of Theory & Practice in Education (JTPE)/Eğitimde Kuram ve Uygulama*, 4 (2).

- Rustamjon, O., & Shahboz, M. Y. (2022). Websites as support tools for learning the English language in Fergana State University. *Czech Journal of Multidisciplinary Innovations*, 38–46.
- Reid, J. B. (2005). *Aggression, antisocial behavior, and violence among girls: A developmental perspective*. Guilford Press.
- Ramdhani, A., Ramdhani, M. A., & Amin, A. S. (2014). Writing a literature review research paper: A step-by-step approach. *International Journal of Basic and Applied Science*, 3 (1), 47–56.
- Ramachandran, V. S., & Hirstein, W. (1999). The science of art: A neurological theory of aesthetic experience. *Journal of Consciousness Studies*, 6 (6–7), 15–51.
- Rahiem, M. D. H. (2021). Digital storytelling in early childhood education. *Journal of Early Childhood Research*, 19 (1), 45–60.
- Richards, J. C. (2001). *Curriculum development in language teaching*. Cambridge University Press.
- Romero, Y. (2020). Lazy or dyslexic: A multisensory approach to face English language learning difficulties. *English Language Teaching*, 13 (5), 34–48.
- Sheik, I., & Isong, M. B. (2020). Teaching and learning with media technology. *Teaching and Learning*, 7 (5), 296–300.
- Sahu, S. K., & Singh, T. J. (2021). *Research methodology* (Vol. 1). SBPD Publications.
- Selpia, D., & Setyarini, S. (2020, April). Students' reasoning and fallacies in Indonesian EFL classroom. In *Twelfth Conference on Applied Linguistics (CONAPLIN 2019)* (pp. 20–24). Atlantis Press.
- Scott, C. L. (2015). *The futures of learning 3: What kind of pedagogies for the 21st century?* UNESCO.

- Smith, J. (2023). Questionnaires in quantitative research. *Journal of Research Methodology*, 14 (1), 50–65.
- Smith, M. D. (2023). *The abundant university: Remaking higher education for a digital world*. MIT Press.
- Sudimantara, L. B. (2021). *Transformative learning and student agency in academic writing in undergraduate English language teacher education degree programs in Indonesia* (Unpublished PhD thesis). Charles Darwin University, Australia.
- Sudimantara, L. B. (2021). Learners' agency in focus: Introducing the 21st century academic writing pedagogy in Indonesia. *ELT Echo: The Journal of English Language Teaching in Foreign Language Context*, 6 (2), 155–167.
- Sudimantara, L. B. (2023). 21st-century language learning in Indonesia: A CALL perspective. *Journal of Language Teaching and Research*, 14 (2), 150–165.
- Sudimantara, L. B. (2023). Perspectives and experiences of Indonesian pre-service English teachers in developing digital learning resources. *Journal of Educational Research*, 13 (4), 300–315.
- Sudimantara, L. B. (2024). AI, digital thinking, and rhizomatic learning: Redefining the learning philosophy at UIN Siber Syekh Nurjati Cirebon. Presentation at the academic conference at UIN Siber Syekh Nurjati, Cirebon, Indonesia.
- Schöllhorn, W. I. (2012). System dynamics of motor learning and performance – how variability promotes learning. In *Motor control* (pp. 1–25). Springer.
- Tahan, M. (2022). Examining research methodology. *Journal of Research Methodology*, 14 (2), 140–150.
- Tawafak, R. M., AlSideir, A., Alfarsi, G., Al-Nuaimi, M. N., Malik, S., & Jabbar, J. (2019). E-learning vs. traditional learning for learners satisfaction. *E-learning*, 29 (3), 388–397.

