

DAFTAR PUSTAKA

- Albert, W., & Tullis, T., 2013, *Measuring the user experience: collecting, analyzing, and presenting usability metrics*, Waltham, Newnes.
- Anderson, R. H., 1976, *Selecting and Developing Media for Instruction*, New York, Van Nostrand Reinhold.
- Asnawir dan M. Basyiruddin Usman, 2002, *Media Pembelajaran*, Jakarta, Ciputat Pers.
- Balslev, T., De Grave, W. S., Muijtjens, A. M., & Scherpbier, A. J. J. A. , 2005, Comparison of text and video cases in a postgraduate problem-based learning format. *Medical education*, 39(11), 1086-1092.
- Brame, C. J., 2016, Effective educational videos: Principles and guidelines for maximizing student learning from video content, *CBE—Life Sciences Education*, 15(4), es6.
- Breimer, E., Cotler, J., & Yoder, R., 2012, Video vs. text for lab instruction and concept learning, *Journal of Computing Sciences in Colleges*, 27(6), 42-48.
- Buch, S. V., Treschow, F. P., Svendsen, J. B., & Worm, B. S, 2014, Video-or text-based e-learning when teaching clinical procedures? A randomized controlled trial, *Advances in medical education and practice*, 5, 257.
- Cheng, P. C. H., Lowe, R. K., & Scaife, M., 2001, Cognitive science approaches to understanding diagrammatic representations, *Artificial Intelligence Review*, 15, 79–94.
- Clark, R. C., & Mayer, R. E., 2016, *E-learning and the science of instruction: Proven guidelines for consumers and designers of multimedia learning*, New Jersey, John Wiley & Sons.
- Gibson, I., Rosen, D.W., and Brent, S., 2010, Additive manufacturing technologies. New York: Springer.
- Glass, G. V., Peckham, P. D., & Sanders, J. R., 1972, Consequences of failure to meet assumptions underlying the fixed effects analyses of variance and covariance, *Review of educational research*, 42(3), 237-288.
- Green, K. E., & Schroeder, D. H., 1990, Psychometric quality of the Verbalizer–Visualizer Questionnaire as a measure of cognitive style, *Psychological Reports*, 66, 939–945.
- Grimshaw, S., Dungworth, N., McKnight, C., & Morris, A., 2007, Electronic books: Children’s reading and comprehension, *British Journal of Educational Technology*, 38(4), 583-599.
- Guillemin, F., Bombardier, C., & Beaton, D., 1993, Cross-cultural adaptation of health-related quality of life measures: literature review and proposed guidelines, *Journal of clinical epidemiology*, 46(12), 1417-1432.
- Huang, S.H., et al., 2013 Additive manufacturing and its societal impact: a literature review. *The International Journal of Advanced Manufacturing Technology*, 67 (5–8), 1191–1203.

- Jeong, H., Sugiura, M., Sassa, Y., Wakusawa, K., Horie, K., Sato, S., & Kawashima, R., 2010, Learning second language vocabulary: neural dissociation of situation-based learning and text-based learning, *Neuroimage*, 50(2), 802-809.
- Klein, P. D., 2003, Rethinking the multiplicity of cognitive resources and curricular representations: Alternatives to 'learning styles' and 'multiple intelligences', *Journal of curriculum studies*, 35(1), 45-81.
- Koć-Januchta, M., Höffler, T., Thoma, G. B., Precht, H., & Leutner, D., 2017, Visualizers versus verbalizers: Effects of cognitive style on learning with texts and pictures—An eye-tracking study, *Computers in Human Behavior*, 68, 170-179.
- Kollöffel, B., 2012, Exploring the relation between visualizer–verbalizer cognitive styles and performance with visual or verbal learning material, *Computers & Education*, 58(2), 697-706.
- Kretschmar, F., Pleimling, D., Hosemann, J., Füssel, S., Bornkessel-Schlesewsky, I., & Schlewsky, M., 2013, Subjective Impressions Do Not Mirror Online Reading Effort: Concurrent EEG-Eyetracking Evidence from the Reading of Books and Digital Media, *PLoS ONE*, 8(2), e56178.
- Tabachneck-Schijf, H. J. M., Leonardo, A. M., & Simon, H. A., 1997, CaMeRa: a computational model of multiple representations, *Cognitive Science*, 21, 305–350.
- Textbook Committee of Hong Kong Education Bureau, 2016, Guiding Principles for Quality Textbooks. [Online, diakses tanggal 2 Maret 2019] <https://www.edb.gov.hk/en/curriculum-development/resource-support/textbook-info/GuidingPrinciples/index.html>.
- Leung, M., Low, R., & Sweller, J., 1997, Learning from equations or words, *Instructional Science*, 25, 37–70.
- Lin, L., Robertson, T., & Lee, J., 2009, Reading performances between novices and experts in different media multitasking environments, *Computers in the Schools*, 26(3), 169-186.
- Lu, T., & Yang, X., 2018, Effects of the visual/verbal learning style on concentration and achievement in mobile learning, *EURASIA Journal of Mathematics, Science and Technology Education*, 14(5), 1719-1729.
- McDonald, J.H., 2014, Handbook of Biological Statistics, 3rd ed., Sparky House Publishing, Baltimore.
- Messick, S., 1984, The nature of cognitive styles: Problems and promise in educational practice, *Educational psychologist*, 19(2), 59-74.
- Mironov, V., Boland, T., Trusk, T., Forgacs, G., & Markwald, R. R., 2003, Organ printing: computer-aided jet-based 3D tissue engineering, *Trends in Biotechnology*, 21(4), 157–161.
- Nikopoulou-Smyrni, P., & Nikopoulos, C., 2010, Evaluating the impact of video-based versus traditional lectures on student learning, *Educational Research*, 1(8), 2141-5161.
- Pandian, A., & Belavek, C., 2016, A review of recent trends and challenges in 3D printing, *In ASEE North Central Section Conference Copyright* (pp. 1-17).

- Richardson A., 1977, Verbalizer-visualizer: a cognitive style dimension, *J Mental Imagery*, 1(1), 109–125.
- Riding, R., & Douglas, G., 1993, The effect of cognitive style and mode of presentation on learning performance, *British Journal of Educational Psychology*, 63(2), 297-307.
- Romiszowski, A. J., 2016, *Designing instructional systems: Decision making in course planning and curriculum design*, London, Routledge.
- Scaife, M., & Rogers, Y., 1996, External cognition: how do graphical representations work? *International Journal of Human-Computer Studies*, 45, 185–213.
- Scheurwater, N., 2017, *Video vs. text: Assessing the effectiveness of a video tutorial on the procedural-and factual knowledge of production workers and its potential benefits over a tutorial with text and still graphics* (Master's thesis, University of Twente).
- Smaldino, S.E., Lowther, D.L., & Russell, J.D., 2008, *Instructional Technology and Media for Learning*, 9th Ed, Upper Saddle River, N.J: Pearson.
- Tay, Y. W. D., Panda, B., Paul, S. C., Noor Mohamed, N. A., Tan, M. J., & Leong, K. F., 2017, 3D printing trends in building and construction industry: a review, *Virtual and Physical Prototyping*, 12(3), 261-276.
- Trakhman, L. M. S., Alexander, P. A., & Silverman, A. B., 2018, Profiling reading in print and digital mediums, *Learning and Instruction*, 57, 5-17.
- Vaezi, M., Seitz, H., and Yang, S., 2013, A review on 3D micro-additive manufacturing technologies, *The International Journal of Advanced Manufacturing Technology*, 67 (5), 1721–1754.
- Zhang, J. J. , 1997, The nature of external representations in problem solving, *Cognitive Science*, 21, 179–217
- Zhang, J. and Khoshnevis, B., 2013, Optimal machine operation planning for construction by contour crafting, *Automation in Construction*, 29, 50–67