

DAFTAR PUSTAKA

- Adaminata, M. A., & Marsih, I. N. (2011). Analisis Kesalahan Konsep Siswa SMA pada Pokok Bahasan Kesetimbangan Kimia. *Simposium Nasional Inovasi Pembelajaran dan Sains 2011 (SNIPS 2011)*. Bandung.
- Ahmad, A. R., Seman, A. A., Awang, M. M., & Sulaiman, F. (2015). Application of Multiple Intelligence Theory to Increase Student Motivation in Learning History. *Asian Culture and History*, 7, 210-219.
- Akker, J. v. (1999). Principles and Methods of Development Research. Dalam J. v. Akker, R. M. Branch, K. Gustafson, N. Nieveen, & T. Plomp, *Design Approaches and Tools in Education and Training* (hal. 1-14). Kluwer Academic Publishers. Diakses 9 Februari 2017, dari Springer Science+Business Media Dordrecht.
- Akkuzu, N., & Akcay, H. (2011). The Design of A Learning Environment Based on the Theory of Multiple Intelligence and the Study Its Effectiveness on the Achievement, Attitudes, and Retention of Students. *Procedia Computer Science*, 3, 1003-1008.
- Al-Balushi, S. M., Ambusaidi, A., Al-Shuaili, A., & Taylor, N. (2012). Omani Twelfth Grade Students' Most Common Misconceptions in Chemistry. *Science Education International*, 23(3), 221-240.
- Algahtani, A. F. (2011). *Evaluating the Effectiveness of the E-learning Experience in Some Universities in Saudi Arabia from Male Students' Perceptions*. Saudi Arabia: Durham University.
- An, S., Caprano, M. M., & Tillman, D. A. (2013). Elementary Teachers Integrate Music Activities into regular mathematics Lessons: Effects on Students' Mathematical Abilities. *Journal for Learning through the Arts*, 9(1), 1-21.
- Antara. (2014, November 17). *Riset Kimia di Jurnal Internasional Minim*. Diambil kembali dari [www.sinarharapan.co:](http://www.sinarharapan.co/)
www.sinarharapan.co/news/read/141117007/riset-kimia-di-jurnal-internasional-minim
- Anwar, S. (2015). *Pengolahan Bahan Ajar (4 Steps Teaching Material Development) [Hand Out Perkuliahan]*. Bandung: Unpublished Manuscript.
- Arifin. (2015). *Pengembangan Bahan Ajar IPA Terpadu Pada Tema Udara Berbasis Nilai Religius Menggunakan 4 Steps Teaching Material Development*. (Tesis). Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.

- Arkorful, V., & Abaidoo, N. (2015). The Role of E-learning, Advantages and Disadvantages of Its Adoption in Higher Education. *International Journal of Instructional Technology and Distance Learning*, 12(1), 29-42.
- Armstrong, T. (2013). *Kecerdasan Multipel di Dalam Kelas Edisi Ketiga*. Diterjemahkan oleh: Prabaningrum. Jakarta: PT Indeks.
- Badan Pengembangan dan Pembinaan Bahasa. (2016). *Analogi*. Diambil kembali dari www.kbbi.web.id: kbbi.we.id/analogi
- Bas, G., & Beyhan, O. (2010). Effect of Multiple Intelligences Supported Project-based Learning on Student's Achievement Levels and Attitudes toward english lesson. *International Electric Journal of Elementary Education*, 2(3), 365-386.
- Bradi, J. (2015). *Chemistry, Seventh Edition*. New York: John Wiley & Sons.
- Carney, R. N., & Levin, J. R. (2002). Pictorial Illustration Still Improve Students' Learning from Text. *Educational Psychology Review*, 14, 5-26.
- Chang, R. (2005). *Kimia Dasar Jilid 2*. Jakarta: Erlangga.
- Chiou, C. C., Tien, L. C., & Lee, L. T. (2015). Effects on Learning of Multimedia Animation Combined with Multidimensional Concepts Maps. *Computers & Education*, 80, 211-223.
- Chittleborough, G. D. (2004). *The Role of Teaching Models and Chemical Representations in Developing Student's Mental Models of Chemical Phenomena*. Diambil kembali dari www.espace.curtin.edu.au: <http://espace.curtin.edu.au/handle/20.500.11937/763>
- Christian, K., & Talanquer. (2012). Modes of Reasoning in Self-Initiated Study Groups in Chemistry. *Chem. Educ. Res. Pract*, 13, 286-295.
- Demircioglu, H., & Yadigaroglu, M. (2013). An Investigation of Chemistry Student Teacher's Understandong of Chemical Equilibrium. *International Journal New Trends Education and Their Implication*, 4(2), 192-199.
- Direktorat Pembinaan Sekolah Menengah Atas. (2008). *Panduan Pengembangan Bahan Ajar*. Jakarta: Departemen Pendidikan Nasional.
- Furio, C., Azcona, R., Guisasola, J., & Ratcliffe, M. (2000). Freshman Students' Misconceptions in Chemical Equilibrium. *International Journal of Science Education*, 22, 1285-1304.
- Ganasen, S., & Shamuganathan, S. (2017). The Effectiveness of Physics Education Technology (PhET) Interactive Simulation in Enhancing Matriculation Students' Understanding of Chemical Equilibrium and Remediating Their Misconceptions. Dalam d. (. M. Karpudewan,

- Overcoming Students Misconceptions in Science* (hal. 157-178). Singapore: Springer Nature Singapore.
- Gardner, H. (1993). *Frames of Mind*. New York: Basic Books.
- Grossman, G. D., & Watson, C. E. (2015). The Use of Original Music Videos to Teach Natural History. *The Journal of Natural History Education and Experience*, 9, 1-7.
- Handayani, G. (2015). *Pengembangan Bahan Ajar IPA Terpadu dengan Four Step Teaching Material Development Pada Tema Bunyi dan Aplikasinya untuk Meningkatkan Literasi Sains Siswa SMP*. (Tesis). Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.
- Ibrahim, R., & Syaodih, S. (2010). *Perencanaan Pengajaran*. Jakarta: Reineka Cipta.
- Jaschke, A. C., Eggermont, L. H., Honing, H., & Scherder, E. J. (2013). Music Education and Its Effect on Intellectual Abilities in Children: A Systematic Review. *Rev. Neurosci.*, 24(6), 665-675.
- Johnstone, A. H. (1982). Macro- and Micro-Chemistry. *School Science Review*, 227(64), 377-379.
- Kelly, D., & Tangney, B. (2006). Adapting to Intelligence Profile in An Adaptive Educational System. *Interacting with Computers*, 18(3), 385-409.
- Khine, M. S. (2013). *Critical Analysis of Science Textbook*. New York: Springer Dordrecht Heidelberg.
- Lai, H.Y., & Yap, S.L. (2016). Application of Multiple intelligence Theory in the Assessment for Learning. Dalam S. F. Tang, & L. Logonnathan, *Assessment for Learning Within and Beyond the Classroom* (hal. 427-436). Singapore: Springer.
- Lambooij, M., Murdoch, M., Ijsselsteijn, W. A., & Heynderickx, I. (2012). The Impact of Video Characteristics and Subtitles on Visual Comfort of 3D TV. *Displays*.
- Lestari, I. (2013). *Pengembangan Bahan Ajar Berbasis Kompetensi*. Padang: Akademia Permata.
- Liu, E., Cheng, S., & Lin, C. (2008). The development of Evaluation Indicators for LEGO Multimedia Instructional Material. *WSEAS Transaction on Computer*, 7, 1783.
- Madkour, M., & Mohamed, R. A. (2016). Identifying College Students'Multiple Intelligences to Enhance Motivation and Language Proficiency. *English Language Teaching*, 9(6), 92-107.

- Maharani, E. S. (2012). *Identifikasi kesulitan dalam memahami materi kesetimbangan kimia pada siswa kelas XI IPA SMAN 2 Pasuruan*. Malang: <http://library.um.ac.id/>.
- McKenzie, W. (1999). *Multiple Intelligence (M.I.) Inventory*. Diambil kembali dari <http://surfaquarium.com/MI/index.htm>
- Morgan, H. (2014). Maximizing Student Success with Differentiated Learning. *The Clearing House*, 87, 34-38.
- Norris, R., Ryan, L., & Acaster, D. (2011). *Chemistry Coursebook*. Cambridge: Cambridge University Press.
- Nurdin, H., & Chairul. (2005). *Bu Slim dan Pak Bill; Kisah tentang Kiprah Pendidik "Multiple Intelligences" di Sekolah*. Bandung: Mizan Learning Center.
- Ogretmen-MEB, E. M. (2015). A Meta-Analytic Study Regarding the Effect of MIT on Achievement, Attitude, and Retention. *International Periodical For the Languages, Literature and History of Turkish or Turkic*, 197-218.
- Ozmen, H. (2008). The Influence of Determination of Students' Alternative Conceptions About Chemical Equilibrium. *Chemistry Education Research and Practice*, 9(3), 225-233.
- Peraturan Menteri Nomor 109. (2013). *Penyelenggaraan Pendidikan Jarak Jauh Pada Pendidikan Tinggi*. Jakarta: Menteri Pendidikan dan Kebudayaan.
- Ramsden, E. (2000). *Chemistry A-Level Fourth Edition*. United Kingdom: Nelson Thornes Ltd.
- Richey, R. C., & Klein, J. D. (2005). Developmental Research Method: Creating Knowledge From Instructional Design and Development Practice. *Journal of Computing in Higher Education*, 16(2), 23-28.
- Stobaugh, R. (2013). *Assessing Critical Thinking in Middle and High Schools*. New York: Routledge.
- Suyanto, A. H. (2005). *Mengenal E-Learning*. Diambil kembali dari [www.physicsmaster.orgfree.com:](http://physicsmaster.orgfree.com/)
<http://physicsmaster.orgfree.com/Artikel%20%26%20Jurnal/Inovasi%20Dalam%20Pendidikan/Mengenal%20e-learning.pdf>
- Temur, O. (2007). The Effects of Teaching Activities Prepared According to the Multiple Intelligence Theory on Mathematics Achievements and Permanence of Information Learned by 4th Grade Students. *International Journal of Environments and Education*, 2(4), 86-91.

- The McGraw-Hill Education. (2010). *Glencoe Online, Skill Handbook Glencoe Science, Earth Science*. Diambil kembali dari www.glencoe.com:
http://www.glencoe.com/sec/science/lep_science/earth_science/skill_handbook/info.html
- Yalmancı, S., & Gozum, A. I. (2013). The Effect of Multiple Intelligence Theory Based Teaching on Students' Achievements and Retention of Knowledge (Examle of the Enzymes Subject). *International Journal on New Trends in Education and Their Implications*, 4(3), 27-36.
- Yaumi, M. (2012). *Pembelajaran Berbasis Multiple intelligences*. Jakarta: Dian Rakyat.