

## DAFTAR PUSTAKA

- Abidin, Yunus. (2012). *Pembelajaran membaca berbasis pendidikan karakter*. Bandung: Revikaa Aditama
- Ardaneswari, Annisaningtyas. (2014). *Implementasi strategi pembelajaran intertekstual pada materi kenaikan titik didih larutan SMA kelas XII (Skripsi)*. Universitas Pendidikan Indonesia, Bandung.
- BSNP. (2007). *Buletin BSNP media komunikasi dan dialog standar pendidikan*. BSNP-Indonesia: Jakarta.
- BSNP. (2008). *Peraturan kriteria kelayakan buku teks pelajaran*. BSNP: Jakarta
- BSNP. (2014). *Revisi peraturan kriteria kelayakan buku teks pelajaran*. BSNP: Jakarta
- Brady, J.E. dkk. (2012). *Chemistry: the molecular nature of matter*. USA: John Willey & Sons, Inc.
- Brown, T. dkk. (2012). *Chemistry the central science. Edisi Keduabelas*. London: Pearson Education, Inc.
- Borg, W.R, Gall, M.D. dan Gall, J.P. *Educational Research and Development Third Edition*. USA: Pearson Education, 1983, hlm. 772.
- Chandrasegaran, A.L., Treagust, D.F., Mocerino, M. (2007) The development of a two tier multiple choice diagnostic instrument for evaluating secondary school students' to describe and explain chemical reaction using multiple levels of representation. *Chemistry Education Research and Practice*, **8** (3), hlm.293-307.
- Chang, R Overby, J. (2011). *General Chemistry: the essential concept*. Edisi Keenam. New York: The McGrawHill Companies, Inc.
- Chittelborough, G.D. dan Treagust D. F. (2007). The modeling ability of non major chemistry students and their understanding of the sub-microscopic level. *Chemistry Education Research and Practice*, **8**, hlm. 274-292.
- Dahar, R.W. (1996). *Teori-teori belajar*. Bandung: Erlangga.
- Depdiknas. 2008. *Panduan pengembangan bahan ajar direktorat pembinaan sekolah menengah atas*. Jakarta: Depdiknas.

- Dogra, S.K. (2009). *Kimia fisika dan soal-soal*. Jakarta: Universitas Indonesia Press
- Dori, Y. J., & Hameiri, M. (2003). Multidimensional analysis system for quantitative chemistry problem: molecular, macro, micro, and process aspects. *Journal of Research in Science Teaching*, **40** (3), 278–302. Dangur, dkk (2014)
- Ebing, D. Darrel., Gammon D. Steven. (2007). *General chemistry ninth edition*. Boston New York: Houghton Mifflin Company
- Fry, Edward. (2002). Readability versus leveling. *International Reading Association*, **56** (3), 286-291.
- Gabel, Dorothy. (1999). Improving Teaching and Learning through Chemistry Education Research: A Look to the Future. *Journal of Chemical Education*, **76** (3), hlm. 549-554.
- Gilbert, J.K dan Treagust D., Introduction: Macro, submicro and symbolic representations and the relationship between them: key models in chemical education. Multiple Representations in chemical education, Dordrecht: Springer, hlm.1-8
- Gkitzia, V., Salta, K., Tzougraki, C. (2010). Development and application of suitable criteria for the evaluation of chemical representations in school textbooks. *Chemistry Education Research and Practice*, **12**, hlm.5-14.
- Irby, S. M., Phu, A.L., Borda, E. J., Haskell, T.R., Steed, N., dan Meyer, Z. (2016) Use of a card short task to assess students' ability to coordinate three level representation in chemistry. *Royal Society of Chemistry*.
- Khasannah, Wiji L. (2014). Skripsi: Pengembangan tes diagnostik two-tier multiple choice untuk mengidentifikasi miskonsepsi siswa kelas XII pada materi sifat koligatif larutan. Bandung: Universitas Pendidikan Indonesia
- Kramer, Eric M., Myers David R. (2012). Five popular misconceptions about osmosis. *American Journal of Physics*, **80** (8), hlm.694-699
- Levine, Ira N. (2009). *Physical chemistry sixth edition*. New York: Higher Education.
- Luoga, Neno E., Ndunguru, Patrick., Mkoma, Stelyus. (2013). High school students' misconceptions about colligative properties in chemistry. *Tanzania Journal of Natural & Applied Sciences*, **4**, hlm. 575-581.

- Majid, A. 2011. *Perencanaan pembelajaran mengembangkan standar kompetensi guru*. Bandung: PT Rosda 115
- McMurry, J.E. & Fay, R.C. (2003). *Chemistry* edisi keempat. Philadelphia: brooks/cole publishing Company.
- Mulyani, S., Hendrawan. (2003). *Common textbook kimia fisika II*. Bandung: Jurusan Pendidikan Kimia Fakultas FPMIPA UPI
- Mulyono. (2011). *Handout perkuliahan: perencanaan pembelajaran kimia*. Bandung: Jurusan Pendidikan Kimia FPMIPA UPI.
- Nyachwaya, James M., Wood, Nathan B. (2014). Evaluation of chemical representation in physical chemistry textbooks. *Chemistry Education Research and Practice*. 15, hlm. 720-728.
- Oxford University Press. (t.t.). *Oxford Dictionary*. Diakses dari: <https://en.oxforddictionaries.com/definition/book>.
- Peraturan Menteri Pendidikan dan Kebudayaan Nomor 54 Tahun 2014 tentang Standar Kompetensi Lulusan Kurikulum 2013.
- Peraturan Menteri Pendidikan dan Kebudayaan Nomor 59 Tahun 2014 tentang Kurikulum 2013 Sekolah Menengah Atas/Madrasah Aliyah.
- Peraturan Menteri Pendidikan dan Kebudayaan Nomor 2 Tahun 2008 pasal 1 No.3 tentang Buku Teks Pelajaran
- Petrucci, R.H. dkk. (2011) *General Chemistry: principles and modern applications*. Edisi Kesepuluh. Toronto: Pearson Canada, Inc.
- Pinarbasi, T., Sozbilir, M., dan Canpolat N. (2008). Prospective chemistry teachers' misconception about colligative properties: boiling point elevation and freezing point depression. *Chemistry Education Research*, 10, hlm.273-280.
- Prastowo, A. (2011). *Panduan kreatif membuat bahan ajar inovatif*. Yogyakarta: Diva Press
- Puslitbang. (2013). *Evaluasi pendampingan kurikulum 2013*. Tidak diterbitkan.
- Silberberg, M.S. (2007). *Principles of general chemistry*. New York: The McGrawHill Companies, Inc.
- Sudarmo, U. (2013). *Kimia untuk SMA / MA Kelas XII Kurikulum 2013*. Jakarta: Erlangga

- Sugiyono. (2011). *Metode penelitian pendidikan (pendekatan kualitatif, kuantitatif dan R&D)*. Bandung: Alfabeta.
- Sukmadinata, N. S. (2005). *Metode penelitian pendidikan*. Bandung: Rosdakal 116 Offset.
- Sunarya, Y. (2012). *Kimia dasar 2*. Bandung: Yrama Widya
- Sung, S., Shen, Z., Stranger-Hall, K.F., Wiegert, C., Li, W., Brown, S., Robertson, T. (2015). Toward interdisciplinary perspective: using osmotic pressure as an example for analyzing textbook explanation. *Science and Teaching*, hlm. 76.
- Suryadi, A. (2007). *Tingkat Keterbacaan Wacana Sains dengan Teknik Klos*. *Jurnal Sosioteknologi*, 10, 196-200,
- Taber, K.S. (2013) Revisiting the Chemistry Triplet: Drawing Upon the Nature of Chemical and Psychology of Learning to inform Chemistry Education. *Chemistry Education Research and Practice*, 14, 156-168.
- Talanquer, V. (2011). Macro, submicro, and symbolic: the many faces of the chemistry "triplet". *International Journal of Science Education*, 33 (2), hlm.179-195.
- Tim Penyusun, (2008) *Kamus besar bahasa Indonesia*. Jakarta: Pusat Bahasa
- Tu'may, Halil. (2014) Prospective chemistry teachers' mental models of vapor pressure. *Chemistry Research and Practice*, 15. hlm.366-379.
- Universitas Pendidikan Indonesia. (2014). *Pedoman penulisan karya ilmiah*. Bandung: UPI Press.
- Vaughan, P., Tytler, R. Peterson, S. (2009). Multiple representation in learning about evaporation. *International Journal of Science Education*. 31(6). hlm. 787-808.
- Watoni, H. (2015). *Buku Siswa Kimia untuk SMA/MA*. Bandung: Yrama Widya
- Wang, Chia-Yu dan Barrow, Lloyd H. 2013. Exploring conceptual frameworks of models of atomic structures and periodic variations, chemical bonding, and molecular shape and polarity: a comparison of undergraduate general chemistry students with high and low levels of content knowledge. *Chemistry Education Research and Practice*, 14, hlm.130-146

- Whitten, dkk. (2004). *General chemistry*: edisi kesepuluh. USA: Thomson Brooks Cole.
- Wu, H. K. (2003). Linking the microscopic view of chemistry to real life experiences: intertextuality in a high school science classroom. *Science education*, 87, hlm.868-891
- Zumdahl, S., S., & Zumdahl, S., A. (2007). *Chemistry seventh edition*. Boston: Houghton Mifflin Company