

DAFTAR PUSTAKA

- Brady, J.E. (2005). *Kimia Universitas: Asas dan struktur*. Jakarta: Penerbit Binarupa Aksara.
- BSNP. (2006). *Panduan Penyusunan Kurikulum Tingkat Satuan Pendidikan Jenjang Pendidikan Dasar Dan Menengah*. Jakarta: BSNP.
- Chandrasegaran, A. L., Treagust, D. F. and Mocerino, M. J. (2007). "The development of a two-tier multiple-choice diagnostic instrument for evaluating secondary school students' ability to describe and explain chemical reactions using multiple levels of representation". *Chemistry Education Research and Practice*. 8 (3), 293-307.
- Chang, Raymond. (2005). *Kimia Dasar: Konsep-konsep Inti Jilid 1 Edisi ketiga*. Jakarta: Penerbit Erlangga.
- Chittleborough, G.D., Treagust, D. F., Mocerino, M.J. (2002). *Constraint to the development of first year university chemistry students mental model of chemical phenomena..* [online]. Tersedia: <http://www.ecu.edu.au/conferences/tlf/2002/pub/does/chittelborough.Pdf>. [3 Januari 2010].
- Chittleborough, G.D. (2004). "The Role of Teaching Models and Chemical Representations in Developing Student Mental Models of Chemical Phenomena". *Tesis Doktor pada Curtin University of Technology*.
- Dahar, R.W. (1996). *Teori-Teori Belajar*. Jakarta: Penerbit Erlangga.
- Departemen Pendidikan Nasional. (2006). *Kurikulum 2006 Pedoman Khusus Pengembangan Silabus dan Penilaian Mata Pelajaran Kimia*. Dirjen Pendidikan Dasar dan Menengah Direktorat Pendidikan Menengah Umum.
- Dori, Y. J dan Hameiri, M. (2003). "Multidimensional Analysis System for Quantitative Chemistry Problems: Symbol, Macro, Micro, and Process Aspects". *Journal of Research in Science Teaching*. 40, (3), 278–302.
- Elizabeth Kean. & Middlecamp, C. (1985). *Panduan Belajar Kimia Dasar*. Jakarta: Gramedia.

- James, J. (2007). "Evaluation of CAL software for higher education: a task for three experts". *The Hong Kong Polytechnic University, Educational Development Centre*.
- Juwita, F. (2010). Implementasi Strategi Pembelajaran Intertekstualitas Pada Materi Hidrolisis Garam. Skripsi Sarjana Pendidikan Kimia pada FPMIPA UPI Bandung: tidak diterbitkan.
- Kozma, R. Rusell, J. and Gilbert, J. (2004). "Students Becoming Chemists: Developing Representational Competence". *National science foundation*. 1, 1-23.
- Mayer, R.E, and Moreno, R. (2003). "Nine Ways to Reduce Cognitive Load in Multimedia Learning". *Educational Pshycologist*. 38(1), 43–52
- Mh99320. (2009). *High school Chemistry Lab – Law of Conservation of Mass*. Tersedia: <http://www.youtube.com/watch?v=WxsR2MOuIG0> [1 November 2010]
- Oxtoby, D. Gillis, H.P and Nachtrieb, N.H. (2005). *Kimia Modern*. Jakarta: Penerbit Erlangga.
- Pinarbasi, T. and Canpolat, N. (2003). "Students' Understanding of Solution Chemistry Concepts". *Journal of Chemical Education*. 80, (11), 1328-1332.
- Sirhan, G. (2007). "Learning Difficulties in Chemistry: An Overview". *Journal of Turkish Science Education*. 4, (2), 2-20.
- Sugiyono. (2009). *Metode Penelitian Pendidikan*. Bandung: Alfabeta.
- Sukmadinata, N. S.(2010). *Metode Penelitian Pendidikan*. Bandung: PT. Remaja Rosda Karya.
- TeachertubeMS. (2009). *Testing Conservation of Mass*. Tersedia: http://www.youtube.com/watch?v=5o-UjU8l_3M&feature=related [1 November 2010]
- ThirstForScience. (2008). *Chemistry Concepts: Conservation of Mass/Energy*. Tersedia: <http://www.youtube.com/watch?v=J5hM1DxaPLw> [1 November 2010]
- Treagust, D. Chittleborough, G. and Mamiala, T. (2003). "The Role of Submicroscopic and Symbolic Representation in Chemical Explanations". *International Journal of Science Education*. 25, (11), 1353-1368.

Wu, H.K.(2002). Linking The Microscopic View Of Chemistry to Real Life Experiences: Intertextuality in Ahigh-School Science Classroom. *Science Education*. 87, 868-891.

Wu, H.K *et al.* (2000). Promoting Conceptual Understanding of Chemical Representations: Students' Use A Visualization Tool In The Classroom. *Makalah pada pertemuan tahunan National Association of Research in Science Teaching 28 April-1 Mei 2000, New Orleans, LA.*

