

DAFTAR PUSTAKA

- Ahtee, M. Asunta, T. & Palm, H. (2002) Student teachers' problems in teaching 'electrolysis' with a key demonstrations. *Chemistry Education: Research and Practice In Europe*. 3(3), hlm 317-326.
- Arifin. (2000). *Strategi Belajar Mengajar*. Bandung: Pendidikan Kimia FPMIPA UPI.
- Arslan, A. (2014). Transition between open and guided inquiry instruction. *Procedia-Social and Behavioral Sciences*. 141 (2014). hlm. 407-412.
- Bell, R. L., et al. (2005). Simplifying inquiry instruction. *The Science Teacher*. 72 (7), hlm. 30-33
- Brickman, P. (2009). Effects of inquiry-based learning on students' science literacy skills and confidence. *International Journal for the Scholarship of Teaching and Learning*, 3 (2), hlm. 1-22.
- Chang, R, et.al. (2011). *General Chemistry: The Essentials Concepts*. New York: McGraw-Hill.
- Dahar, R.W. (1988). *Teori-teori Belajar*. Erlangga: Jakarta.
- Darmodjo, H. & Kaligis, J.R.E. (1992). *Pendidikan IPA II*. Jakarta: Depdikbud.
- Dimyati & Mudjiono. (2006). *Belajar dan Pembelajaran*. Jakarta: Rineka Cipta.
- Direktorat Pembinaan Sekolah Menengah Atas. (2008). *Panduan Pengembangan Bahan Ajar*. Jakarta: Depdiknas.
- Djamarah, B.S. & Zain, A. (2006). *Strategi Belajar Mengajar*. Jakarta: Rineka Cipta.
- Dunlap, N. & Marti L. J. (2012). Discovery-based labs for organic chemistry: overview and effectiveness. *ACS Symposium Series: Advances in Teaching Organic Chemistry*. 1108.
- Gulo, W. (2008). *Strategi Belajar Mengajar*. Jakarta: Gramedia.
- Hamalik, O. (2006). *Proses Belajar Mengajar*. Jakarta: Bumi Aksara.
- Hmelo-Silver, C. E. et.al. (2007). Scaffolding and achievement in problem-based and inquiry learning: a response to Kirschner, Sweller, and Clark (2006). *Educational Psychologist*, 42(2), hlm. 99-107.
- Hodson, D. (1990). A critical look at practical working school science. *School Science Review*, 70, 33–40.

- Hofstein, A. and Lunetta, V. N. (1982). The role of the laboratory in science teaching: neglected aspects of research. *Review of Educational Research*, 52, 201–217.
- Hofstein, A. (2004). The laboratory in chemistry education: thirty years of experience with developments, implementation, and research. *Chemistry Education: Research and Practice*. 5(3), hlm. 247-264.
- Johnstone, A.H. & Al-Shuaili, A. (2001) Learning in the laboratory: some thoughts from the literature. *University Chemistry Education*, 5 (2), hlm. 42-51.
- Kamus Besar Bahasa Indonesia (1989). Jakarta: Balai Pustaka.
- Komara, E. (2014). *Belajar dan Pembelajaran Interaktif*. Bandung: PT. Refika Aditama.
- Krajcik, J., Mamlok, R., & Hug, B. (2001). Modern content and the enterprise of science: Science education in the twentieth century. In L, Corno. (ed.), *Education across a century: The centennial volume*, hlm. 205-238.
- Kuhlthau, C. C. et.al. (2007). *Guided inquiry: learning in the 21st century school*. Westport: Library Unlimited.
- Laurillard, D. (2012). *Teaching As A Design Science: Building Pedagogical Patterns for Learning And Technology*. New York: Routledge.
- Lott, K. (2013). Fire up the inquiry. Dalam Froshauer, L (Penyunting). *Year of inquiry* (hlm. 143-148). Arlington: NSTA press.
- McMurry, J. & Fay, R. C. (2003). *Chemistry (fourth edition)*. New York: Pearson Pentice Hall.
- National Research Council. (1996). *National science education standards*. Washington, DC: National Academy Press.
- Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 103 Tahun 2014 tentang Pembelajaran pada Pendidikan Dasar dan Pendidikan Menengah
- Peraturan Menteri Pendidikan dan Kebudayaan Republik Indonesia Nomor 65 Tahun 2013 tentang Standar Proses Pendidikan Dasar dan Menengah
- Prastowo (2011). *Panduan Kreatif Membuat Bahan Ajar Innovatif*. Yogyakarta: DIVA Press.
- Putra, N. (2011). *Research and Development: Penelitian dan Pengembangan, Suatu Pengantar*. Jakarta: PT. Raja Grafindo.

- Quintana, C. et.al. (2005). A framework for supporting metacognitive aspects of online inquiry through software-based scaffolding. *Educational Psychologist*, 40(4), hlm. 235-244.
- Riduan. (2013). *Dasar-dasar statistika*. Bandung: Alfabeta.
- Roestiyah, N.K. (2012). *Strategi Belajar Mengajar*. Jakarta: Rineka Cipta.
- Sanjaya, W. (2006). *Strategi Pembelajaran*. Jakarta: Kencana Prenada Media.
- Silberberg, M. S. (2007). *Principles of General Chemistry*. New York: McGraw-Hill.
- Simatwa, E. M. W. (2010). Piaget's theory of intellectual development and its implication for instructional management at pre-secondary school level. *Educational Research and Reviews*. 5(7), hlm 366-371.
- Sukmadinata, N. S. (2012) *Metode Penelitian Pendidikan*. Bandung: PT Remaja Rosdakarya.
- Suryosubroto. (2002). *Belajar Mengajar Di Sekolah*. Jakarta: Rineka Cipta.
- Suyanti. (2010). *Strategi Pembelajaran Kimia*. Yogyakarta: Graha Ilmu.
- Tobin, K.G. (1990). Research on science laboratory activities: In pursuit of better questions and answers to improve learning. *School Science and Mathematics*, 90, 403-418.
- Trianto. (2009). *Mendesain model pembelajaran inovatif-progresif*. Jakarta: Kencana Prenada Media Group.
- Trianto. (2008). *Mendesain pembelajaran kontekstual di kelas*. Surabaya: Cerdas.
- Widjajanti, E. (2008). *Kualitas Lembar Kerja Siswa*. Seminar PelatihanPenyusunan LKS Mata Pelajaran Kimia Berdasarkan Kurikulum Tingkat Satuan Pendidikan Bagi Guru SMA/SMK. Yogyakarta: Universitas Negeri Yogyakarta.