

## DAFTAR PUSTAKA

- Anastas, P. & Lankey R. (2000). *Life Cycle Assessment and Green Chemistry: The Yin and Yang of Industrial Ecology*. Green Chem. 2, 289-295.
- Anderson, L. & Krathwohl D. (2001). *A Taxonomy for Learning, Teaching, and Assessing: A Revision of Bloom's Taxonomy of Educational Objective*. New York : Longman.
- Atkins P. & Loretta. (2010). *Chemical Principles : The Quest for Insight Fifth Edition*. New York : Clancy Marshall.
- Basrowi, & Suwandi. (2008). *Memahami Penelitian Kualitatif*. Jakarta: Rineka Cipta.
- Budi, Sentot ,R. (2014). *Kimia Berbasis Eksperimen untuk Kelas XI SMA dan MA*. Solo : Platinum.
- Bradley, J.D. (2014). *The Chemist's Triangle and a General Systemic Approach to Teaching, Learning and Research in Chemistry Education*. African Journal Education. 67-82.
- Centi G. & Perathoner S. (2009). *From Green to Sustainable Industrial Chemistry*. Weinheim : Wiley-VCH, pp. 1-69.
- Duschul, R. *et al.* (2007). *Taking Science to School : Learning and Teaching Science in Grades K-8*. Washington : The National Academies Press.
- Erduran S., Simon S. & Osborne J., (2004). *TAPping into Argumentation : Developments in the Application of Toulmin's Argument Pattern for Studying Science Discourse*. Sci. Educ., 88, 915-933.
- Feierabend T., Jomin S., & Eilks I. (2011). *Chemistry teachers' views on teaching "climate change" - an interview case study from research-orientated learning in teaching education*. Chemical Education Research and Practice, 12, 85-91.
- Hogan K. (2002). *Small Groups' Ecological Reasoning while Making Issues as an Important Component of Citizenship*. Prospero. 12, 42-53.
- ISO 14040, *Environmental management-life cycle assessment-principles and framework*.

- Jimenez-Alexander M. & Erduran S. (2014). *Argumentation in Science Education*. Dordrecht: Springer.
- Joel. L. Klein. (2009). *Project Based Learning : inspiring Middle School Students to Engage in Deep and Active Learning*. New York.
- Juntunten, M. K., & Aksela. (2014). *Improving Students' Argumentations Skills through a Product Life-Cycle Analysis Project in Chemistry Education*. Chemistry Education Research and Practice.
- \_\_\_\_\_.(2013). *Life-Cycle Thinking and Inquiry-Based Learning in Chemistry Teaching*. Science Education International. 150-166.
- \_\_\_\_\_. (2013). *Life-Cycle Thinking and Inquiry-Based Sustainability Education-Effects on Students' Attitudes towards Chemistry and Enviromental Literacy*. CEPS Journal. 157-180.
- Kemdikbud. (2013). *Materi Pelatihan Guru Implementasi Kurikulum yang berlaku saat ini*. BPSDMPK dan PMP: Jakarta.
- Kilas Balik Dunia Pendidikan Di Indonesi*. (2013). Retrieved Juli 6, 2015, from USAID Program to Extend Scholarships and Training to Achive Sustainable Impacts: <http://www.prestasi-iiief.org/>
- Kuhn, D. (1993). *Science as Argumen : Implications for Teaching and Learning Scientific Thinking*. Science Education. 319-337.
- Lardon, L., Helias, A., Sialve, B., Steyer, J. P., & Bernard, O. (2009). *Life-Cycle Assessment of Biodiesel Production from Microalgae*. Enviromental Science & Technology.
- Nazir, M. (2011). *Metode Penelitian*. Bogor : Ghalia Indonesia.
- Permendikbud Nomor 81A Tahun 2013, *Implementasi Kurikulum, Lampiran IV. Pedoman Umum Pembelajaran.*: Jakarta
- Poliakoff M., Fitzpatrick J., Farren T. &Anastas P. (2002). *Green Chemistry : Science and Politics of Change*. Green Chem. 297, 807-810.
- Rustaman, N. Y. (2011). *Laporan Field Study : Tugas Mata Kuliah Pengembangan Program Pendidikan IPA*.

- Sandoval W. A. & Willwood K. A. (2005). *The Quality of Students' Use of Evidence in Written Scientific Explanations*. *Cognition and Instruction*. 23, 23-55.
- Shenton, Andrew K. 2004. Strategies for Ensuring Trustworthiness in Qualitative Research Projects. *Journal of Education for Information*, 22(1): 63-75
- Siregar, E., & Nara, H. (2010). *Teori Belajar dan Pembelajaran*. Bogor: Ghalia Indonesia.
- Slameto. (2003). *Belajar dan Faktor-Faktor yang Mempengaruhinya*. Jakarta : Rineka Cipta.
- Sugiyono. (2011). *Metode Penelitian Pendidikan Pendekatan Kuantitatif, Kualitatif dan R&D*. Bandung : Alfabeta.
- Toulmin S. (1990). *The Use of Argumen*. Cambridge : Cambridge University Press.
- Vervaeke M. (2012). *Life Cycle Assessment Software for Product and Process Sustainability Analysis*. *J. Chem. Educ.* 89, 815-832.

