

DAFTAR PUSTAKA

- (AAAS) American Association for the Advancement of Science. 1993. *Benchmarks for science literacy*. Washington, DC. <http://tinyurl.com/cbn7md8> (diakses tanggal 21 September 2015).
- Balitbang Kemdikbud. 2015. *Survei Internasional PISA*. litbang.kemdikbud.go.id/index.php/survei-internasional-pisa (diakses tanggal 22 September 2015).
- Campbell, N.A., J.B. Reece, L.A. Urry, M.L. Cain, S.A. Wasserman, P.V. Minorsky & R.B. Jackson. 2010. *Biologi Edisi Kedelapan Jilid 2*. Jakarta: PT. Erlangga.
- Chiappetta, E.L., Fillman, Sethna. 1991. *Procedures for Conducting Content analysis of Science Textbooks*, Texas: Department of Curriculum and Instruction, Houston.
- Chiappetta, E.L. dan D.A. Filman. 2007. Analysis of five high school biology textbooks used in the united states for inclusion of the nature of science. *International Journal of Science Education*. 29(15):1847-1868.
- Chiappetta, E.L. dan T.R. Koballa. 2010. *Science Instruction in The Middle and Secondary Schools: Developing Fundamental Knowledge and Skills*. United State of America: Pearson Education Inc.
- Collette, A.T. dan Chiappetta E.L., 1989. *Science Instruction in The Middle and Secondary Schools*. Columbus. OH: Merrill.
- DeBoer, G.E., 2000. Scientific literacy: another look at its historical and contemporary meanings and its relationship to science education reform. *J. Research in Science Teaching* 37(6): 582–601.
- Ekohariadi. 2009. Faktor-Faktor yang Mempengaruhi Literasi Sains Siswa Indonesia Berusia 15 Tahun. *Jurnal Pendidikan Dasar*. 10(1): 28-41.
- Glynn, S.M., dan K.D. Muth. 1994. Reading and Writing to Learn Science: Achieving Scientific Literacy. *Journal of Research in Science Teaching*. 31(9): 1057-1073.
- Hodson, D., 2009. *Toward scientific literacy: A teachers' guide to the history, philosophy and sociology of science*. Rotterdam, The Netherlands: SensePublishers.
- Holbrook, J., dan Rannikmae. 2009. The Meaning of Scientific Literacy. *International Journal of Environment & Science Education* 4(3): 275-288.
- Holliday, W.G., L.D. Yore, D.E. Alvermann, 1994. The Reading-Science Learning-Writing Connection: Breakthroughs, Barriers, and Promises. *Journal of Reseaerch in Science Teaching*, 31(9): 877 – 893.

- Lailatul, H., E.S. Rosyidatun, dan S. Miranto. 2015. Analisis Buku Sekolah Elektronik (BSE) Biologi Kelas XI Semester 1 Berdasarkan Literasi Sains. *Edusains*. 7(1): 1 - 10.
- Martin, R., C. Sexton., T. Franklin, D. McElroy & J. Gerlovich. 2005. *Teaching Science for All Children: Inquiry Methods for Constructing Understanding, Third Edition*. United State of America: Pearson Education Inc.
- Mela, D. dan A. Supuran. 2010. Textbook selection – an important factor in introducing ESP in vocational schools. a case study. *Analele Universității din Oradea Fascicula: Ecotoxicologie, Zootehnie si Tehnologii de Industrie Alimentară* 3(1): 1514-1519.
- National Science Education Standards (NSES). 1996. *National Academy of Science*. National Academy Press: Washington, D.C. http://www.nap.edu/openbook.php?record_id=4962 (diakses pada 21 September 2015).
- Nisa, R.A., D. Rochintaniawati, A. Fitriani. 2015. Analisis Buku Biologi Kelas X Berdasarkan Muatan Literasi Sains. *Prosiding Seminar Nasional Pendidikan Biologi 2015*.
- Norris, S.P., and L. M. Phillips. 2003. How literacy in its fundamental sense is central to scientific literacy. *Science Education*, 87(2): 224-240.
- OECD. 2010. *PISA 2009 Results: Executive Summary*. Paris: Andre-Pascal. <http://www.oecd.org/psa/pisaproducts/46619703.pdf> (diakses tanggal 16 Maret 2016).
- OECD. 2013. *PISA 2015 Assessment and Analytical Framework Mathematics, Raading, Science, Problem Solving and Financial Literacy*. http://www.oecdorg/pisa/pisaproducts/PISA%202012%20framework%20book_final.pdf (diakses pada 27 Januari 2014).
- Panggabean, H. N. S., 2011. *Analisis Miskonsepsi Siswa dan Guru Biologi Tentang Materi Klasifikasi Dunia Hewan pada SMA se-Kecamatan Medan Helvetia*. Medan: PPS Universitas Negeri Medan.
- Puspaningtyas, A.A., 2015. Pengembangan Bahan Ajar IPA Terpadu Berbasis Literasi Sains Bertema Perubahan Zat di Lingkungan. *Thesis*. Universitas Negeri Semarang. <http://lib.unnes.ac.id/21930/> (diakses tanggal 7 April 2016).
- Rahayu, S. 2014. Menuju Masyarakat Berliterasi Sains: Harapan dan Tantangan Kurikulum 2013. *Makalah pada Seminar Nasional Kimia dan Pembelajarannya 2014: FMIPA UM*.
- Riduwan. 2007. *Skala Pengantar Variabel-variabel Penelitian*. Alfabeta: Bandung.

- Septiana, D., 2014. *Identifikasi Miskonsepsi Siswa Pada Konsep Archaeobacteria dan Eubacteria Menggunakan Two-Tier Multiple Choice*. Jakarta: UIN Syarif Hidayatullah.
- Shen, B. S. P., 1975. *Science literacy and the public understanding of science*. In S. B. Day (Ed.), *Communication of scientific information*. New York: S. Karger and A. G. Basel.
- Sugiyono. 2012. *Metode Penelitian Kuantitatif, Kualitatif, dan R&D*. Bandung: Alfabeta.
- Udeani, U. 2013. Quatitative analysis of secondary school biology textbooks for scientifiic literacy themes. *Research Journal in Organizational Psychology & Education Studies* 2(1): 39-43.
- Yilmaz, I., 2012. Does Science Literacy Cover Understanding? An Analysis Over Turkish Education Curriculum. *International Journal of Applied Science and Technology*. 2(1): 145-151.
- Yuenyong, C dan P. Narjaikaew. 2009. Scientific literacy and thailand science education. *International Journal of Environment & Science Education* 4(3): 335-349.