

DAFTAR PUSTAKA

- Alwasilah, A. Chaedar. (2005). *Pokoknya Menulis. Cetakan Pertama*. Bandung: PT Kiblat Buku Utama.
- Arikunto, S. (2013). *Prosedur Penelitian Suatu Pendekatan Praktik*. Jakarta: Rineka Cipta.
- Arikunto, S. (2013). *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Daud. (2004). *Bahasa dan Sastra Indonesia*. Jakarta: Erlangga.
- Depdiknas. (2006). *Kurikulum 2006 Mata Pelajaran Fisika SMA/MA*. Jakarta.
- Driver, R., Newton, P., & Osborne, J. (2000). *Establishing the norms of scientific argumentation in classrooms. Science Education*.
- Erduran, S., & Jimenez-Aleixandre, M.P. (2007). *Argumentation in Science Education*. Florida State University-USA: Springer.
- Felder, R.M. & Brent, R. (2003) Designing and Teaching Courses to Satisfy the ABET Engineering Criteria, *Journal of Engineering Education*, 92 (1), pp 7-25 tersedia online akses 16 okt 2006 http://www.ncsu.edu/felder-public/Papers/ABET_Paper_%28JEE%29.pdf
- Gardner, H. (1999) . *The dicipline mind: What all students should understand*. New York: Simon & Schuster Inc.
- Grooms, Jonathon. (2011). *Using Argument-Driven Inquiry to Enhance Students' Argument Sophistication When Supporting a Stance in the Context of Socioscientific Issues. Electronic Theses, Treatises and Dissertations*. Paper 3950. Florida University State.
- Hake, R. R. (1998). *Interactive Engagement Methods In Introductory Mechanics Courses*. [online] Tersedia : <http://www.physics.indiana.edu/~sdi/IEM-2b.pdf> [3 Maret 2010]
- Hake, R. R. (2002). *Assesment of Physics Teaching Methods*. Proceeding of UNESCO-ASPEN Workshop on Active in Physics, University of Peradeniya, Sri Lanka, 2-4 Desember 2002. [online] Tersedia: <http://www.physics.indiana.edu/> [3 Maret 2010]
- Hamzah, M.Ed, Dr. (2008). *Teori Belajar Konstruktivisme*. [online]. Tersedia: <http://akhmadsudrajat.wordpress.com/2008/08/20/teori-belajar-konstruktivisme/> [3 Oktober 2013].

- Kelly, G. J., & Takao, A. (2002). *Epistemic levels in argument: An analysis of university oceanography students' use of evidence in writing*. *Science Education*, 86, 314-342.
- Kelly, G.J., & Bazerman, C. (2003). *How Student Argue Scientific Claims: A Rhetorical-Semantic Analysis*. University of California: Oxford University Press.
- Keraf, Gorys. (1997). *Argumentasi dan Narasi*. Jakarta: PT. Gramedia Pustaka Utama.
- McNeill, K. L., Lizotte, D. J., & Krajcik, J. (2006). *Supporting students' construction of scientific explanations by fading scaffolds in instructional materials*. *The Journal of the Learning Sciences*, 15(2), 153-191.
- Montaña, G., González, Jennifer., & Castillo, F.D. (2012). *Argumentation in the Science Classroom*. [online]. Tersedia : <http://ikkit.org/SummerInstitute2012/Papers/2998-Gonzalez.pdf>
- Norris, S., Philips, L. & Osborne, J. (2007). *Scientific inquiry: the place of interpretation and argumentation*. In J. Luft, R. Bell & J. Gess-Newsome (Eds.), *Science as Inquiry in the Secondary Setting*. Arlington, VA: NSTA Press.
- Osborne, J., Erduran, S., & Simon, S. (2002). *Enhancing the quality of argumentation in school science*. *Journal of Research in Science Teaching*, 41(10), 994-1020.
- Pusat Bahasa Departemen Pendidikan Nasional. (2008). *Kamus Besar Bahasa Indonesia*. [online]. Tersedia : <http://bahasa.kemdiknas.go.id/kbbi/index.php>
- Peraturan Menteri Pendidikan dan Kebudayaan Nomor 54. (2013). *Standar Kompetensi Lulusan Pendidikan Dasar Dan Menengah*. Jakarta: Kementrian Pendidikan dan Kebudayaan Republik Indonesia.
- Riduan, Dr. M.BA., (2012). *Pengukuran Variabel-variabel Penelitian*. Jakarta: Alfabeta
- Rutherford, F.J. & Ahlgren, A. (1990). *Science for All Americans*. New York : Oxford University Press.
- Sadler, T. D., & Zeidler, D. L. (2005). *The significance of content knowledge for informal reasoning regarding socioscientific issues: Applying genetics knowledge to genetics engineering issues*. *Science Education*, 89, 71-93.
- Sampson, V., Gerbino, F. (2010). *Two Instructional Models That Teachers Can Use to Promote & Support Scientific Argumentation in the Biology*

Classroom The American Biology Teacher, Vol. 72, No. 7, pages 427–431.

Schen, Melissa S. (2007). *Scientific Reasoning Skills Development in the Introductory Biology Courses for Undergraduates*. [online]. Tersedia: <http://etd.ohiolink.edu/send-pdf.cgi/Schen%20Melissa.pdf?osu1187063957>

Sugiono. (2011). *Metode Penelitian Kuantitatif Kualitatif dan R&D*. Bandung: Alfabeta.

Trent, R. (2009). *Fostering Students' Argumentation Skills in Geoscience Education*. *Journal of Geoscience Education*, v. 57, n. 4, September, 2009, p. 224-232

Wenning, C. J. (2006). *A pramework for teaching the nature of science*. *Journal of Physics Teacher Education Online*. 3(3). 3-10. Tersedia : <http://www.phy.ilstu.edu/jpteo>

Wenning, C. J. (2004). *Levels of inquiry: Hierarchies of pedagogical practices and inquiry processes*. *Journal of Physics Teacher Education Online*. Tersedia: <http://www.phy.ilstu.edu/jpteo>

Widyanto, Joko. (2012). *SPSS for Windows*. Surakarta: Badan Penerbit-FKIP Universitas Muhammadiyah Surakarta.

Zohar, A., & Nemet, F. (2002). *Fostering students' knowledge and argumentation skills through dilemmas in human genetics*. *Journal of Research in Science Teaching*, 39(1), 35-62.