

DAFTAR PUSTAKA

- Abdelraheem, A & Asan, A. (2006). "The Effectiveness of *Inquiry-Based Technology Enhanced Collaborative Learning Environment*". *International Journal of Technology in Teaching and Learning*, 2,(2), 65-87.[Online]. Tersedia: <http://www.sicet.org/journals/ijttl/issue0602/Ahmed%20ASan%20Vol2%20Issue3.pdf>. [15 November 2012]
- Akcay, H., Yager, R.E., Iskander, S.M., & Turgut, H. (2010). "Change in student beliefs about attitudes toward science in grades 6-9." *Asia-Pacific Forum on Science Learning and Teaching*, 11(1). 1-10. [Online]. Tersedia : http://www.ied.edu.hk/apfslt/v11_issue1/akcay/akcay2.htm. [18 Januari 2013]
- Anwer, M., Iqbal, H.M., & Harrison, C. (2012). "Students Attitude Towards Science: A Case of Pakistan ". *Pakistan Journal of Social and Clinical Psychology*. 9,(2), 3-9. [Online]. Tersedia : <http://www.gcu.edu.pk/FullTextJour/PJSCS/2012/1.pdf>. [18 Januari 2013]
- Arikunto, S. (2010). *Dasar-Dasar Evaluasi Pendidikan*. Jakarta: Bumi Aksara.
- Ary, D., Jacobs, L.C., Sorensen, C., & Razavieh, A. (2010). *Introduction to Research in Education (8th.ed)*. Belmont : Wadsworth.
- Blancaflor, E.B., & Masson, P.H. (2003). Plant Gravitropism. Unraveling the Ups and Downs of a Complex Process. *Plant Physiology*. 133, 1677-1690. [Online]. Tersedia : <http://www.plantphysiol.org/cgi/doi/10.1104/pp.103.032169>. [8 Juli 2013]
- BouJaoude, S & Saad, R. (2012). "The Relationship between Teachers' Knowledge and Beliefs about Science and *Inquiry* and Their Classroom Practices". *Eurasia Journal of Mathematics, Science & Technology Education*, 2012, 8(2), 113-128. [Online]. Tersedia: http://www.ejmste.com/v8n2/EURASIA_v8n2_Saad.pdf. [14 Desember 2012]
- Brickman, P., Gormally, C., Armstrong, N., & Hallar, B. (2009). "Effects of *Inquiry-based Learning* on Students' Science Literacy Skills and Confidence". *International Journal for the Scholarship of Teaching and Learning*, 3,(2). 1-23. [Online]. Tersedia: <http://www.georgiasouthern.edu/ijstl>. [14 Desember 2012]
- BSNP. (2006). *Standar Isi Untuk Satuan Pendidikan Dasar Dan Menengah*. Badan Standar Nasional Pendidikan: Jakarta.
- Campbell, N.A., Reece, J.B., & Mitchel, L.G. (2003). *Biologi Jilid II* (5th.ed). Jakarta : Erlangga.

- Chamberlain. (2012). *Inquiry and Scientific Inquiry*. [Online]. Tersedia: http://www.sagepub.com/upm-data/24393_chamberlain_chapter1.pdf. [14 Desember 2012]
- Colburn, A. (2000). *An Inquiry Primer*. Science Scope. [Online]. Tersedia: <http://www.experientiallearning.ucdavis.edu/module2/el2-60-primer.pdf>. [14 Desember 2012]
- Depdiknas. (2007). *Naskah akademik kajian kurikulum mata pelajaran IPA*. Jakarta: Pusat Kurikulum Departemen Pendidikan Nasional.
- Echols, J.M & Shadly, H. (2000). *Kamus Inggris Indonesia*. Jakarta: Gramedia.
- Ekohariadi. (2009). "Faktor-Faktor yang Mempengaruhi Literasi Sains Siswa Indonesia Berusia 15 Tahun". *Jurnal Pendidikan Dasar*, 10,(1), 28-41. [Online]. Tersedia: isjd.pdiilipi.go.id/admin/jurnal/101092841.pdf. [24 November 2012]
- Fathurrohman, P & Suryana, A. (2012). *Guru Professional*. Bandung : Refika Aditama.
- Firman, H. (2007). *Laporan Analisis Literasi Sains Berdasarkan Hasil PISA Nasional 2006*. Jakarta : Balitbang Depdiknas
- Firn, R.D. (2009). *Gravitropism*. [Online]. Tersedia : <http://www.york.ac.uk/res/firn/web/tropisms/html/gravitropism.html>. [8 Juli 2013]
- Fraenkel, J.R., Wallen, N.E., & Hyun, H.H. (2012). *How to design and evaluate research in education* (8th.ed). New York: McGraw-Hill.
- Friml, J. (2002). *Endocytosis and recycling in plants*. [Online]. Tersedia : <http://www.psb.ugent.be/auxin-projects/286-endocytosis-and-recycling-in-plants>. [8 juli 2013]
- Gibson, H.L. & Chase, C. (2002). "Longitudinal Impact of an Inquiry-Based Science Program on Middle School Students' Attitude Toward Science". *Educational Resources Information Center*. 86,693 – 705. [Online]. Tersedia : <http://www.gb.nrao.edu/~sheather/new%20lit/effect%20of%20OST/longitudinalimpact.pdf>. [30 Juli 2013]
- Hadinugraha, S. (2012). *Literasi Sains Siswa SMA Berdasarkan Kerangka PISA (The Program for International Student Assessment) pada Konten Pengetahuan Biologi*. Skripsi Jurusan Pendidikan Biologi FPMIPA UPI. Tidak diterbitkan.

- Hake, R. (1999). "Analyzing Change/Gain Score". [Online]. Tersedia : <http://www.physics.indiana.edu/~sdi/AnalyzingChange-Gain.pdf>. [20 Juni 2013]
- Harahap, N. (1982). *Teknik Penilaian Hasil Belajar*. Jakarta : Bulan Bintang.
- Hayat,B dan Yusuf, S. (2010). *Benchmark Internasional Mutu Pendidikan*. Jakarta: Bumi Aksara.
- Hermawati, N.M. (2012). "Pengaruh Model Pembelajaran Inkuiri terhadap Penguasaan Konsep Biologi dan Sikap Ilmiah Siswa SMA Ditinjau dari Minat Belajar Siswa". *Jurnal Penelitian Pascasarjana Undiksha*. 5(2), 1-30. 21-24 [Online]. Tersedia: http://pasca.undiksha.ac.id/e-journal/index.php/jurnal_ipa/article/view/488. [3 Januari 2012].
- Humaira, M. (2012). *Pengaruh Pembelajaran Guided Inquiry melalui Discovery Learning terhadap Kemampuan Scientific Inquiry Literacy Siswa SMA pada Materi Pencemaran Lingkungan*. Skripsi Jurusan Pendidikan Biologi FPMIPA UPI. Tidak diterbitkan.
- Liliasari. (2011). *Membangun Masyarakat Melek Sains Berkarakter Bangsa Melalui Pembelajaran*. Makalah Seminar Nasional UNNES. [Online]. Tersedia: <http://liliasari.staf.upi.edu/files/2011/05/Makalah-Semn-UNNES-2011.Liliasari.pdf>. [7 Januari 2013]
- Moore, R.W. & Foy,H.R. (1997). "The Scientific Attitude Inventory: A Revision (SAI II)". *Journal of Research in Science Teaching*, 34,(4), 327–336 . [Online]. Tersedia:http://wiki.biologyscholars.org/@api/deki/files/519/scientific_attitude_survey.pdf .[23 Oktober 2012]
- Moore, R.W.(moorerw@muchio.edu).(2012, 13 Desember). Permission for SAI II. E-mail kepada Tika rohayati(skywalkeraddict@gmail.com)
- Moore,M.A. (2009). *Can Guided Inquiry Based Labs Improve Performance In Data Analysis And Conclusion Synthesis In Sixth Grade Life Science?*. Online [Tersedia] : http://etd.fcla.edu/CF/CFE0002807/Moore_Melonie_A_200908_MED.pdf. [18 Januari 2013]
- National Resource Council. (2001). *Inquiry and National Sceience Education Standards Guide for Teaching and Learning*. [Online]. Tersedia: http://books.nap.edu/html/inquiry_addendum/. [12 Desember 2012]
- OECD.(2006). *Assessing Scientific, Reading and Mathematical Literacy A Framework for PISA 2006*. [Online]. Tersedia:<http://www.oecd.org/bookshop/>. [14 Desember 2012]

- OECD.(2009). *Take The Test Sample Questions from OECD's Assessments*. Tersedia: [Online] : www.oecd.org/pisa/pisaproducts/pisa2006/41943106.pdf. [21 September 2012]
- _____.(2010), *PISA 2009 Results: What Students Know and Can Do – Student Performance in Reading, Mathematics and Science (Volume I)*. [Online]. Tersedia:<http://dx.doi.org/10.1787/9789264091450-en>. [14 Desember 2012]
- Osbourne,J., Simon,S., & Collins,S. (2003). *Attitudes towards Science: A Review of the Literature and its Implications*. [Online]. Tersedia : <http://eprints.ioe.ac.uk/652/1/Osborneeta2003attitudes1049.pdf> [18 Januari 2013].
- Osman, K., Iksan,Z.H., & Halim,L.(2007). “Sikap Terhadap Sains Dan Sikap Saintifik Di Kalangan Pelajar Sains”. *Jurnal Pendidikan*, 32(3),39-60.
- Paidi. (2011).*Peningkatan Scientific Skill Siswa Melalui Implementasi Metode Guided Inquiry Pada Pembelajaran Biologi di SMAN 1 Sleman*. Online. [Tersedia] : staff.uny.ac.id/sites/default/files/Guided%2520Inquiry%2520and%2520Scientific%2520Skill-%2520Paidi%2520UNY.pdf. [14 Desember 2012]
- Patil G.V. (2011). “A Comparative Study of Scientific Attitude about secondary and Higher secondary level Students”. *International Referred Research Journal*, 2,(24)24-26. [Online]. Tersedia: <http://www.ssmrae.com/admin/images/216c5cb5711800becd57bcd6337b6d7.pdf>. [20 Januari 2013]
- Perwana, A.S. (2011). *Analisis sikap ilmiah siswa SMP pada pembelajaran fisika yang menggunakan metode praktikum*. Skripsi Pendidikan Fisika FPMIPA UPI. [Online]. Tersedia: repository.upi.edu. [29 Juni 2013]
- Pitafi, A.I & Farooq, M.(2012). “Measurement of Scientific Attitude of Secondary School Students In Pakistan”. *Academic Research International*, 2(2),379-393. [Online]. Tersedia :www.journals.savap.org.pk. [20 Januari 2013]
- Rustaman, N. (2005). *Strategi Belajar Mengajar Biologi*. Malang : IKIP Malang (UM) Press.
- Vajoczki, S., Watt,S., Vine,M.M., & Liao,X. (2011). “Inquiry Learning: Level, Discipline, Class Size, What Matters?”.*International Journal for the Scholarship of Teaching and Learning*,5,(1),1-11. [Online]. Tersedia:<http://www.georgiasouthern.edu/ijstol>. [18 November 2012]

- Wasis & Irianto ,S.Y. (2008). *Ilmu pengetahuan alam SMP dan Mts kelas VIII*. Jakarta: Pusat Perbukuan, Departemen Pendidikan Nasional.
- Wenning, C. J. (2005). "Levels of *Inquiry*: Hierarchies of Pedagogical Practices and *Inquiry* Processes". *Journal of Physics Teacher Education Online*. 2,(3), 3-11. [Online]. Tersedia: <http://www.phy.ilstu.edu> . [20 September 2012]
- _____. (2006). "A generic model for *inquiry*-oriented labs in postsecondary introductory physics". *Journal of Physics Teacher Education Online*. 3(3), 24-33. [Online]. Tersedia: <http://www.phy.ilstu.edu>. [22 Januari 2013]
- _____. (2007). "Assessing *inquiry* skills as a component of scientific literacy". *Journal of Physics Teacher Education Online*, 4(2), 21-24.. [Online]. Tersedia:<http://www.phy.ilstu.edu> . [21 September 2012]
- _____. (2010). "Levels of *Inquiry*: Using *Inquiry* Spectrum Learning Sequences to Teach Science", *Journal of Physics Teacher Education Online*, 5 (3)11-20. [Online]. Tersedia:<http://www.phy.ilstu.edu> . [21 September 2012]
- _____. (2011). "The Levels of *Inquiry* Model of Science Teaching". *Journal of Physics Teacher Education Online*, 6,(2), 2-9. [Online]. Tersedia:<http://www.phy.ilstu.edu> . [21 September 2012]
- _____. (wenning@phy.ilstu.edu). (2013,25 Februari).Consultation. E-mail kepada Nindya Sekar Mayuri(nin_hejo@yahoo.com)
- _____. (wenning@phy.ilstu.edu). (2013,6 Maret).Consultation. E-mail kepada Nindya Sekar Mayuri(nin_hejo@yahoo.com)
- Widiarti,Y.(2008). "Metode Eksperimen sebagai Pembentuk Sikap Ilmiah Siswa Sekolah Dasar pada Pengajaran Sains Wahana Sekolah Dasar",16 (2),124-133. [Online]. Tersedia:.. http://isjd.pdii.lipi.go.id/admin/jurnal/16208124132_0854-8293.pdf. [7 Januari 2013]
- Yunita, F.,Fakhrudin, Z. dan Nor,M. (2012). *Hubungan antara sikap ilmiah siswa dengan hasil belajar fisika di kelas XI IPA MA Negeri Kampar*. [Online]. Tersedia:<http://repository.unri.ac.id/bitstream/123456789/1508/1/Jurnal%20Frima%20Yunita.pdf>. [17 juni 2013]
- Zuriyani,E. (2011). *Literasi Sains dan Pendidikan*. [Online]. Tersedia:<http://sumsel.kemenag.go.id/file/file/TULISAN/wagj1343099486.pdf> [24 November 2012]