

DAFTAR PUSTAKA

- Adam, W. K., Perkins, K.K., Podolefsky, N. S., Dubson, M, Finkelstein, N.D., & Wieman, C. E. (2006). New Instrument For Measuring Student Beliefs About Physics And Learning Physics: The Colorado Learning Attitudes about Science Survey. *Physical Review ST Physical Education Research*, 2, 010101.
- Akinbobola. (2009). Enhancing Students' Attitude Towards Nigerian Senior Secondary School Physics Through the Use of Cooperative, Competitive and Individualistic Learning Strategies. *Australian Journal of Teacher Education*. Vol:34 Issue1
- Akinbobola. (2015). Enhancing Nigerian Physics Students' Attitude through the Use of Pictorial, Written and Verbal Advance Organizers. *Advances in Physics Theories and Applications*. ISSN 2224-719X Vol.40, 35-42
- Ali, M. S. (2013). Attitude Towards Science and Its Relationship With Students' Achivement In Science. *Interdisciplinary Journal Of Contemporary Research In Business*. 4, (10), 707-718.
- Amjad, I. P. & Muhammad, F.(2012). Measurement of Scientific Attitude of Secondary School Students in Pakistan. *Academic Research International 2* (2), 379-392
- Anderson, L. W & Krawthohl, D. R. (2001). *A Taxonomy for Learning, Teaching, and Assising: A Revision of Bloom's Taxonomy of Educational Objectives*. New York: Longman
- Arikunto, S. (2013). *Dasar-dasar Evaluasi Pendidikan*. Jakarta. Bumi Aksara
- Arnold, J. C., Kremer, K., & Mayer, J. (2014). Understanding Students' Experiments—What kind of support do they need in inquiry tasks? *International Journal of Science Education*. Advance online publication. doi: 10.1080/09500693.2014.930209
- Ashkenazi, G & Weaver, G. C. (2007). Using Lecture Demonstrations to Promote The Refinement of *Concepts: The Case of Teaching Solvent Miscibility*. [Online]. *Chemistry Education Research and Practice* 8 (2), 186-196.
- Asri, Y.N. (2016). Penerapan Model ICARE yang Dipadukan dengan Science Magic untuk Meningkatkan Kemampuan Kognitif dan Profil Sikap Siswa

- SMA. (Tesis Sekolah Pascasarjana). Universitas Pendidikan Indonesia, Bandung.
- Atasoy, S, Ergin, S., & Sen, A.D. (2014). The Effects of Peer Instruction Method on Attitudes of 9th Grade Students towards Physics Course. *Eurasian J. Phys. & Chem. Educ.* 6 (1), 88-98.
- Aziz, N & Lin, H.L. (2011). Hubungan sikap terhadap Mata Pelajaran Sains dengan Penguasaan Konsep Asas Sains Pelajar Tingkatan Dua. *Journal of Science & Mathematics Educational*. Universitas Teknologi Malaysia.
- Azwar, S. (2012). *Sikap Manusia: Teori dan Pengukurannya*. Pustaka pelajar: Yogyakarta
- Bilal, E & Erol, M. (2012). Effect Of Teaching Via Modeling On Achievement And Conceptual Understanding Concerning Electricity. *Journal of Baltic Science Education*, Vol. 11, No. 3
- Brickman, P. Gormally, C. Amstrong, N. and 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), 1-22
- Brossard, D. (2005). Scientific Knowledge and Attitude Change: The Impact of a Citizen Science Project. *International Journal of Science Education*, 27 (9), 1099-1121
- Bybee, R.W. (2009). The BSCS 5E instructional model and 21st century skills. Washington, DC: National Academies Board on Science Education.
- Cakici, Y & Turkmen, N. (2013). An investigation of the effect of Project-Based Learning Approach on Children's Achievement and Attitude in Science. *The Online Journal of Science and Technology*. April. Vol 3. Issue 2.
- Cracker, D. E. (2006). Attitude towards Science of Students Enrolled in Introductory Level Science Courses at UW-La Crosse. *UW-L Journal of Undergraduate Research IX*.
- Crawley, F.E., & Koballa, T.R. (1994). Attitude Research in Science Education: Contemporary Model and Methods. *Science Education*, 78, 35-55.
- Deslauriers, L., Schelew, E., & Wieman, C. (2011). Improved Learning in a Large-Enrollment Physics Class. [Online]. *American Association for the Advancement of Science* 332, 862-864

- Direktorat Jenderal Pendidikan Islam. (2016). Visi, Misi, dan Tujuan Pendidikan Islam 2015-2019. Diambil kembali dari Direktorat Jenderal Pendidikan Islam Kementerian Agama : <http://pendis.kemenag.go.id/index.php?a=artikel&id2=visimisipendis#.W11pFRuITIU>
- Georgiau, H. & Sharma, M. D. (2015). Does using active learning in thermodynamics lecture improve students conceptual understanding and learning experience?. *European Journal of Physics. Eur. J. Phys.* 36, 015020 (13pp).1-10.
- Hake, R.R. (1999). *Analyzing Change/Gain Scores*. [Online]. Tersedia: <http://lists.asu.edu/cgi-bin/wa?A2=ind9903&L=aera-d&P=R6855>[2Desember 2016].
- Hsu, L. R., Wang, C.M. & Hsu W. L. (2012). The Development and Dissemination of Science Magic. *Science Education Monthly*, 346 (March). 2-11
- Ihsan. (2001). *Pengaruh Pembelajaran Interaktif Berbasis Konsep di SMA*. Skripsi. Bandung: UPI: Tidak diterbitkan.
- Karim, M. A. (2008). *Ilmu Pengetahuan Alam Untuk SMP/MTs Kelas VIII*. Jakarta: Mentari Pustaka.
- Kerby, H. W., Cantor, J., Weiland, M., Babiarz, C., & Kerby, A. W. (2010). Fusion Science Theater Presents *The Amazing Chemical Circus: A New Model of Outreach That Uses Theater To Engage Children in Learning*. *J. Chem. Educ.*, 87 (10), 1024–1030
- Kind, P., Jones, K., & Barnby, P. (2007). Developing Attitudes towards Science Measure. *International Journal of Science Education*. Vol.29 (7). 871-839
- Lin, J. L., Cheng, M. F., Chang, Y.C., Li, H. W., Chang, J. Y, & Lin, D.M. (2014). Learning Activities That Combine Science Magic Activities with the 5E Instructional Model to Influence Secondary-School Students' Attitudes to Science. *Eurasia Journal of Mathematics, Science & Technology Education*, 10(5), 415-426
- Mar'at. (1981). *Sikap Manusia, Perubahan serta Pengukurannya*. Jakarta: Galia
- Marusic, M & Slisko, J. (2012). Effects Of Two Different Types of Physics Learning on The results of CLASS test. *Physical Review ST Physical Education Research*, 8, 010107.

- Mazzolini, A.P., Edwards, T. O'Donoghue, P., Nopparatjamjomras, S. (2010). Using Interactive Lecture Demonstrations to Enhance Student Learning in Electronics. *Proceedings of The 2010 AaeE Conference, Sydney*, 417-422
- Mazzolini, A.P., Daniel, S., & Edwards, T. (2012). Using Interactive Lecture Demonstrations to Improve Conceptual Understanding of Resonance in Electronics Course. *Australasian Journal of Engineering Education* 18 (1), 69-69
- McBride, J., Bhatti, M., Hannan, M. A., & Feinberg M. (2004). Using an inquiry approach to teach science to secondary school science teachers. *Physics Education*, 39(5), 1-6.
- Merrits, D., Walter, R., & Mackay, B. (2012). Interactive Lecture Demonstrations. [Online]. 2016 Diakses 21 Desember 2016.
- Miller, K., Lasry, N., Chu, K. & Mazur, E. (2013). Role of Physics Lecture Demonstrations In Conceptual Learning. *American Physical Society* 9 (2)
- Milner, B. M., Kotlicki, A. and Rieger, G. (2007). Can Students Learn From Lecture Demonstrations?, *Journal College. Science Teaching*. 30, 45-51
- National Research Council. (1996). *National Science Education Standards*. Washington DC: National Academy Press.
- Olasehinde, K.J dan Olatoye, R.A. (2014). Scientific Attitude, Attitude to Science and Science Achievement of Senior Secondary School Students in Katsina State, Nigeria. *Journal of Educational and Social Research MCSER Publishing*, Vol.4 No.1, 445-452
- Panggabean, L. P. (2001). *Statistika Dasar*. Bandung: Jurusan Pendidikan Fisika FPMIPA UPI
- Reid, N. (2006). Thoughts on Attitude Measurement. *Research in Science & Technological Education*, 24(1), 3-27.
- Secanski, T. (2005). *Eksperimen Sains Sederhana 3*. Yogyakarta: Insania
- Sharma, M. D. (2010). Use Interactive lecture demonstrations: A ten year study. *Physical Review Special Topics-Physics Education Research* (6), 1-10
- Sitotaw, B & Tadele, K. (2016). Student Attitude toward Physics in Primary and Secondary Schools of Dire Dawa City Administration, Ethiopia. *World Journal of Educational Research and Reviews*, Vol. 2(2), pp 014-021.

- Slekiene, V. & Ragulienė, L. (2010). The Learning Physics Impact of Interactive Lecture Demonstrations. *Problems of education in the 21st century Volume 24*, 120-129
- Sokoloff, D. R. (2009). Image Formation Interactive Lecture Demonstrations Using Personal Response Systems. *International Conference on Physics Education*.
- Sokoloff, D. R & Thornton, R. K. (1997). Using Interactive Lecture Demonstrations to create an active learning environment. *American Institute of Physics Conference Proceedings*. Volume 399, issue 1
- Sudjana. (2005). *Metoda Statistika*. Bandung : Tarsito
- Sugiyono. (2009). *Statistika untuk Penelitian*. Bandung: CV Alfabeta
- Sujarittham, T. (2016). Applying electromagnetism for enhancing Thai high-School Students' understanding in force and motion. *Researchgate Publication*, 1-4.
- Suparno, P. 2007. *Metodologi Pembelajaran Fisika*. Yogyakarta: Universitas Sanata Dharma
- Suryadi, Y. (2016). Penerapan Pembelajaran Active Learning dengan Demonstrasi Interaktif untuk Meningkatkan Penguasaan Konsep dan Keterampilan Berkomunikasi Siswa pada Pokok Bahasan Gerak . (Tesis Sekolah Pascasarjana). Universitas Pendidikan Indonesia, BAndung
- Svedružić, Antonio. (2008). *Teaching Methodology of Physics*. [Online]. Metodika 17:442-450. Tersedia di <http://hrcak.srce.hr/file/55094>. Diakses pada 2 Desember 2016
- Tanahoung, C., Chitaree, R., Soankwan, C., Sharma, M.D., & Johnston, I.D. (2009). The effect of Interactive Lecture Demonstrations on students' understanding of heat and temperature: a study from Thailand. *Research in Science & Technological Education*. Vol. 27, No. 1, 61–74
- Temiz, B.K., Tasar, M.F., & Tan, M. (2006). Development and Validation of Multiple Format Test of Science Process Skills. *International Education Journal* 7(7): 1007-10027
- Thornton, R. K & Sokoloff, D. R. (1997). Assessing student Learning of Newton's Laws: The Force and Motion Conceptual Evaluation and the Evaluation of Active Learning Laboratory and Lecture Curricula. *American Association of Physics Teachers. Am. J. Phys.* 6614, 338-352.

- Uno, H.B. (2008). *Teori Motivasi dan Pengukurannya Analisis di Bidang Pendidikan*. Bumi Aksara: Jakarta
- Wattanakasiwich, P., Khamcharean, C. Taleab, P. & Sharma, M. (2012). Interactive Lecture Demonstration in Thermodynamics. *Lat. Am. J. Phys. Educ.* Vol.6 (4).
- Wenning, C.J. (2005). Levels of Inquiry: *Hierarchies of Pedagogical Practices and Inquiry Processes*. *J. Phys. Tchr. Educ.* 2(3), 3-12
- Wibowo, F.C. (2012). *Penerapan Model Pembelajaran Berbasis Pengalaman untuk Meningkatkan Hasil Belajar Kognitif dan Kemampuan Pemecahan Masalah Fisika Siswa SMP*. Tesis SPs UPI Bandung: Tidak Diterbitkan.
- Yakar, Z., & Baykara, H. (2014). Inquiry-Based Laboratory Practices in a Science Teacher Training Program. *Eurasia Journal of Mathematics, Science & Technology Education*, 10(2), 173-183
- Yuan, J. & Min, D. (2014). Learning Activities that Combine Science Magic Activities with 5E Instruction Model to Influence Secondary-School Students' Attitude to Science. *Eurasia Journal of Mathematics, Science & Technology Education*. 10 (5).
- Zimrot, R & Ashkenazi, G. (2007). Interactive Lecture Demonstrations: A Tool for Exploring and Enhancing Conceptual Change. *Chemistry Education Research and Practice*, 8 (2), 197-211