

DAFTAR PUSTAKA

- Abdi, A. (2014). The Effect of Inquiry-based Learning Method on Students' Academic Achievement in Science Course. *Universal Journal of Educational Research*, 2(1), 37-41.
- Akinbobola, A.O. & Afolabi, F. (2010). Analysis of Science Process Skills in West African Senior Secondary School Certificate Physics Practical Examinations in Nigeria. *Bulgarian Journal of Science and Education Policy (BJSEP)*, 4(1), 32-47.
- Aktamis, H. & Ergin, O. (2008). The Effect of Scientific Process Skills Education on Students' Creativity, Science Attitudes, and Academic Achievements. *Asia-Pacific Forum on Science Learning and Teaching*, 9(1).
- Ambarsari, D. (2016). Implementasi Pendekatan Saintifik untuk Meningkatkan Keterampilan Mengomunikasikan dan Prestasi Belajar IPA Siswa Kelas IV SD. *Jurnal Pendidikan Guru Sekolah Dasar*, 12(5). 112-121.
- Anggareni, N.W., Ristiati, N.P., & Widiyanti, N.L.P.M. (2013). Implementasi Strategi Pembelajaran Inkuiri terhadap Kemampuan Berpikir Kritis dan Pemahaman Konsep IPA Siswa SMP. *E-Journal Program Pascasarjana Universitas Pendidikan Ganesha*, 3.
- Arikunto, S. (2007). *Dasar-dasar Evaluasi Pendidikan (Edisi Revisi)*. Jakarta: PT. Bumi Aksara.
- Barman, C. (1992). *Science Process Skills*. [Online]. Diakses dari: <http://castle.eiu.edu/~scienced/3290/science/process/crb.html>.
- Choirunnisa, N.L., Prabowo, P., & Suryanti, S. (2018). Improving Science Process Skills for Primary School Students Through 5E Instructional Model-Based Learning. *Journal of Physics: Conference Series* 947, 1-5.

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Universitas Pendidikan Indonesia | repository.upi.edu |
perpustakaan.upi.edu

- Creswell, J.W. (2009). *Research Design: Qualitative, Quantitative, and Mixed Methods Approaches Third Edition*. Los Angeles, London, New Delhi, Singapore: SAGE Publications. Inc.
- Fauziyah, D.R. (2013). *Hubungan Keterampilan Metakognitif terhadap Hasil Belajar Biologi dan Retensi Siswa Kelas X dengan Penerapan Strategi Pembelajaran Think Pair Share di SMA Negeri 6 Malang*. (Skripsi). Jurusan Biologi, Fakultas Matematika dan Ilmu Pengetahuan Alam, Universitas Negeri Malang.
- Ghumdia & Adams, A. (2016). Effects of Inquiry-Based Teaching Strategy on Students' Science Process Skills Acquisition in some Selected Biology Concepts in Secondary Schools in Borno State. *International Journal of Scientific Research*, 1(2), 96-106.
- Hake, R.R. (1999). *Analyzing Change/ Gain Scores*. [Online]. Diakses dari: <http://www.physics.indiana.edu/~sdi/AnalyzingChange-Gain.pdf>.
- Hardianti, T. & Kuswanto, H. (2017). Difference among Levels of Inquiry: Process Skills Improvement at Senior High School in Indonesia. *International Journal of Instruction*, 10(2), 119-130.
- Hirca, N. (2013). The Influence of Hands on Physics Experiments on Scientific Process Skills According Prospective Teachers' Experiences. *European Journal of Physics Education*, 4(1), 1-9.
- Jinks, J. (1997). *The Science Processes*. [Online]. Diakses dari: <http://my.ilstu.edu/~jdpeter/THE%20SCIENCE%20PROCESSE S.htm>.
- Karamustafaoglu, S. (2011). Improving the Science Process Skills Ability of Science Student Teachers Using I Diagrams. *Eurasian Journal of Physics and Chemistry Education*, 3(1), 26-38.

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PENGARUH PEMBELAJARAN DEMONSTRASI INTERAKTIF TERHADAP KETERAMPILAN PROSES SAINS DASAR SISWA SMA PADA MATERI PERUBAHAN LINGKUNGAN

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Kemendikbud. (2015). *Kompetensi Inti dan Kompetensi Dasar Sekolah Menengah Atas/ Madrasah Aliyah (SMA/ MA) Mata Pelajaran Biologi*. Jakarta: Tidak diterbitkan.
- Koentjaraningrat. (1997). *Metode-metode Penelitian Masyarakat*. Jakarta: Gramedia Pustaka Utama.
- Kurniawati, D., Masykuri, M., & Saputro, S. (2016). Penerapan Model Pembelajaran Inkuiri Terbimbing dilengkapi LKS untuk Meningkatkan Keterampilan Proses Sains dan Prestasi Belajar pada Materi Pokok Hukum Dasar Kimia Siswa Kelas X MIA 4 SMA N 1 Karanganyar Tahun Pelajaran 2014/2015. *Jurnal Pendidikan Kimia (JPK)*, 5(1), 88-95.
- Kusminingrum, N. (2008). Potensi Tanaman dalam Menyerap CO₂ dan CO untuk Mengurangi Dampak Pemanasan Global. *Jurnal Permukiman*, 3(2), 96-105.
- Lee, T.J. & Kamarudin, N. (2014). Inquiry in Learning Science. *International Journal of Technical Research and Application*, (10), 61-65.
- Madlazim, S. & Jauhariyah, M.N.R. (2014). Improving Student's Scientific Abilities by Using Guided Inquiry Laboratory. *International Journal of Educational Research and Technology*, 5(3), 18-23.
- Maranan, V.M. (2017). *Basic Process Skills and Attitude Toward Science: Inputs to an Enhanced Students' Cognitive Performance*. (Tesis). The Faculty of Graduate Studies and Applied Research, Laguna State Polytechnic University, San Pablo City Campus.
- Meltzer, D.E. (2002). The Relationship Between Mathematics Preparation and Conceptual Learning Gains in Physics: A Possible "Hidden Variable" in Diagnostic Pretest Scores. *American Journal of Physics*, 70(12), 1259-1268.

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PENGARUH PEMBELAJARAN DEMONSTRASI INTERAKTIF TERHADAP KETERAMPILAN PROSES SAINS DASAR SISWA SMA PADA MATERI PERUBAHAN LINGKUNGAN

Universitas Pendidikan Indonesia | repository.upi.edu |
perpustakaan.upi.edu

- Moumen, A., Azizi, G., Chekroun, K.B., & Baghour, M. (2016). The Effects of Livestock Methane Emission on the Global Warming: A Review. *International Journal Global Warming*, 9(2), 229-253.
- Muslim. (2014). *Pengembangan Program Perkuliahan Fisika Sekolah Berorientasi Kemampuan Berargumentasi Calon Guru Fisika*. (Disertasi). Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.
- Nugraha, A.R., Hermawan, A.S., Pikoli, M.R., & Sugoro, I. (2013). "Pengukuran Gas Metana (CH₄) dan Karbondioksida (CO₂) yang dihasilkan oleh Sedimen Danau Situ Gunung, Sukabumi Jawa Barat pada Skala Laboratorium". *Prosiding Seminar Nasional Matematika, Sains, dan Teknologi*. Jakarta: Fakultas Sains dan Teknologi, Universitas Islam Negeri Syarif Hidayatullah.
- Nurhayati, N., Mukhlis, & Jaya, A. (2014). *BIOLOGI*. Bandung: Yrama Widya.
- OECD. (2014). *PISA 2012 Results: What Students Know and Can Do – Student Performance in Mathematics, Reading and Science (Volume I, Revised edition, February 2014)*, PISA, OECD Publishing.
- Oguz, A. & Yurumezoglu, K. (2007). "The Primacy of Observation in Inquiry-Based Science Teaching". *The International Workshop Science Education in School*. Bucharest, Romania: International Association "Hands-on Science".
- Ozgelen, S. (2012). Students' Science Process Skills Within a Cognitive Domain Framework. *Eurasia Journal of Mathematics, Science, & Technology Education*, 8(4), 283-292.
- Ozturk, N., Tezel, O., & Acat, M.B. (2010). Science Process Skills Level of Primary School Seventh Grade Students in Science and

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Universitas Pendidikan Indonesia | repository.upi.edu |
perpustakaan.upi.edu

- Technology Lesson. *Journal of Turkish Science Education*, 7(3), 15-28.
- Padilla, M.J. (1990). *The Science Process Skills*. [Online]. Diakses dari: <https://www.narst.org/publications/research/skill.cfm>.
- Rahmawati, L.A., Haryono, E., & Fandeli, C. (2012). Studi Optimalisasi Sequestrasi Karbon Dioksida (CO₂) berbasis Rumah Tangga. *Majalah Geografi Indonesia*, 26(1), 59-79.
- Rizal, R. & Suhandi, A. (2017). Penerapan Pendekatan Demonstrasi Interaktif untuk Meningkatkan Keterampilan Dasar Proses Sains Siswa. *Gravity: Jurnal Ilmiah Penelitian dan Pembelajaran Fisika*, 3(1), 40-50.
- Rusmiyati, A. & Yulianto, A. (2009). Peningkatan Keterampilan Proses Sains dengan Menerapkan Model Problem Based-Instruction. *Jurnal Pendidikan Fisika Indonesia*, 5, 75-78.
- Rustaman, N.Y., Dirdjosoemarto, S., Yudianto, S.A., Achmad, Y., Subekti, R., Rochintaniawati, D., Nurjhani, M. (2005). *Strategi Belajar Mengajar Biologi*. Malang: Penerbit Universitas Negeri Malang (UM PRESS).
- Rustaman, N.Y. (2007). *Keterampilan Proses Sains*. [Online]. Diakses dari: <https://anzdoc.com/keterampilan-proses-sains-profdr-hj-nuryani-yr.html>.
- Rustaman, N., Sriyati, S., Wulan, A.R., & Rustaman, A. (2014). *Handout Evaluasi Pembelajaran*. Bandung: Departemen Pendidikan Biologi.
- Samiaji, T. (2009). Upaya Mengurangi CO₂ di Atmosfer. *Berita Dirgantara*, 10(3), 92-95.
- Sari, M. (2012). Usaha Mengatasi Problematika Pendidikan Sains di Sekolah dan Perguruan Tinggi. *Jurnal Al-Ta'lim*, 1(1), 74-86.

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PENGARUH PEMBELAJARAN DEMONSTRASI INTERAKTIF TERHADAP KETERAMPILAN PROSES SAINS DASAR SISWA SMA PADA MATERI PERUBAHAN LINGKUNGAN

Universitas Pendidikan Indonesia | repository.upi.edu | perpustakaan.upi.edu

- Siahaan, P., Suryani, A., Kaniawati, I., Suhendi, E., & Samsudin, A. (2017). Improving Students' Science Process Skills through Simple Computer Simulations on Linear Motion Conceptions. *Journal of Physics: Conference Series* 812, 1-5.
- Sukarno, Permanasari, A., & Hamidah, I. (2013). The Profile of Science Process Skill (SPS) Student at Secondary High School (Case Study in Jambi). *International Journal of Scientific Engineering and Research (IJSER)*, 1(1), 79-83.
- Utina, R. (2015). *Pemanasan Global: Dampak dan Upaya Meminimalisirnya*. Gorontalo: FMIPA Universitas Gorontalo.
- Venkataramanan, M. & Smitha. (2011). Causes and Effects of Global Warming. *Indian Journal of Science and Technology*, 4(3), 226-229.
- Wenning, C.J. (2005). Levels of Inquiry: Hierarchies of Pedagogical Practices and Inquiry Processes. *Journal Physics Teacher Education*, 2(3), 3-12.
- Wenning, C.J. (2010). Levels of Inquiry: Using Inquiry Spectrum Learning Sequence to Teach Science. *Journal Physics Teacher Education. Online*, 5(3), 11-20.
- Wenning, C.J. (2011). The Levels of Inquiry Model of Science Teaching. *Journal Physics Teacher Education. Online*, 6(2), 9-16.
- Wenning, C.J. & Khan, M.A. (2011). Levels of Inquiry Model of Science Teaching: Learning Sequences to Lesson Plans. *Journal Physics Teacher Education. Online*, 6(2), 17-20.
- Zainul, A. (2002). *Penilaian Hasil Belajar*. Jakarta: PAU-PPAI-UT.
- Zeidan, A.H. & Jayosi, M.R. (2015). Science Process Skills and Attitudes toward Science Among Palestinian Secondary School Students. *World Journal of Education*, 5(1), 13-24.
- Dwi Rahayu Lestari Noviani, 2018**
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