

DAFTAR PUSTAKA

- Ainsworth, S. 2008. The educational value of multiple-representations when learning complex scientific concepts. *Visualization : Theory and Practice in Science Education*, hlm 191-208.
- Albe, V., dan Gombert, M.J. (2012). Student's communication, argumentation and knowledge in citizen's conference on global warming. *Culture Studies of Science Education*, 7, hlm. 659-681.
- Anderson, L.W., dan Krathwohl, D.R. (Penyunting), (2001), *A Taxonomy for Learning, Teaching, and Assessing : A Revision of Bloom's Taxonomy of Educational Objectives. A Bridged Edition*. Boston : Addison Wesley Longman, inc.
- Andriani, Y. (2015). *Penggunaan Model Pembelajaran Argument Driven Inquiry dalam Mengembangkan Kemampuan Argumentasi Ilmiah dan Penguasaan Konsep Siswa pada Pembelajaran IPA Terpadu di SMP Kelas VIII*. (Tesis). Universitas Pendidikan Indonesia, Bandung.
- Arifin, Z. 2014. *PENELITIAN PENDIDIKAN : Metode dan Paradigma Baru*. Bandung : PT Remaja Rosdakarya Offset.
- Arikunto, S. 2015. *Dasar-Dasar Evaluasi Pendidikan*. Jakarta : Bumi Aksara
- Bromme, R., dkk. (2015). Is it believable when it's scientific? how scientific discourse style influences laypeople's resolution of conflicts. *Journal Research in Science Teaching*, 52 (1), hlm. 36-57.
- Christenson, N., Rundgren, S. N. C., dan Høglund, H.O. (2012). Using the see-sep model to analyze upper secondary students' use of supporting reason in arguing socioscientific issues. *Journal Science Education Technology*, 21, hlm. 342-352.
- Christenson, N., Rundgren, S. N. C., dan Zeidler, D.L. (2014). The relationship of discipline background to upper secondary student's argumentation on socioscientific issues. *Research in Science Education*, Published online.
- Corradi, D., Elen, J., dan Clarebout, G. (2012). Understanding and enhancing the use of multiple external representations in chemistry education. *Journal Science Education and Technology*, vol.21, hlm. 780-795
- Creswell, J.W. 2009. *RESEARCH DESIGN : Qualitative, Quantitative, and Mixed Methods Approaches. Third Edition*. California : SAGE Publications.
- Dahar, R. W. 2011. *Teori-Teori Belajar dan Pembelajaran*. Jakarta : Penerbit Erlangga.
- Dunst, C.J., Hamby, W.H., dan Trivette, C.M. (2004). Guidelines for calculating effect sizes for practice-based research syntheses. *Centerscope*, 3 (1), hlm. 1-10.
- Fraenkel, J.R., Wallen, N.E., dan Hyun, H.H. 2012. *How to Design and Evaluate Research in Education*. New York : MCGraw-Hill.
- Foong, C.C., dan Daniel, Ester G.S. (2013). Student's argumentation skills across two socio-scientific issues in a confucian classroom : is transfer possible?. *International Journal of Science Education*, 35 (14), hlm. 2331-2355.

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PENERAPAN MODEL PEMBELAJARAN PEMBANGKIT ARGUMEN MENGGUNAKAN MULTIPLE EXTERNAL REPRESENTATIONS UNTUK MENINGKATKAN KEMAMPUAN KOGNITIF DAN KETERAMPILAN BERARGUMENTASI SISWA SMP

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- Ginanjar, W.S. (2014). *Penerapan Model Argument-Driven Inquiry untuk Meningkatkan Kemampuan Argumentasi Ilmiah Siswa SMP*. (Skripsi). Universitas Pendidikan Indonesia, Bandung.
- Hake, R.R. (1999). Interactive-engagement vs traditional methods: A six thousand student survey of mechanic test data for introductory physics courses. *American Journal of Physics*, 66 (1), hlm. 64-74.
- Jaya, H. (2012). Pengembangan laboratorium virtual untuk kegiatan praktikum dan memfasilitasi pendidikan karakter di SMK. *Jurnal Pendidikan Vokasi*, 2, hlm. 81-90.
- Joyce, B., Weil, M., dan Calhoun, E. 2011. *Models of Teaching (Model-Model Pengajaran)*. Yogyakarta : Pustaka Pelajar
- Kemendikbud. 2014. *Ilmu Pengetahuan Alam untuk SMP/MTS Kelas VIII Semester Satu*. Jakarta : Kemendikbud
- Khishfe, Rola. (2014). Explicit nature of science and argumentation instruction in the context of socioscientific issues: an effect on student learning and transfer. *International Journal of Science Education*, 36(6), hlm. 974-1016
- Lin, S.S., dan Mintzes, J.J. (2010). Learning argumentation skills through instruction in socioscientific issues: the effect of ability level. *International Journal of Science and Mathematics Education*, 8, hlm. 993-1017.
- Lohner, S., Van Joolingen, W.R., dan Savelsbergh, E.R. (2003). The effect of external representation on constructing computer models of complex phenomena. *Instructional Science*, vol.31, pp. 395-418
- Manurung, S.R. (2012). Identifikasi Keterampilan Berargumentasi melalui Analisis “*Toulmin Argumentation Pattern (TAP)*” Pada Topik Kinematik Bagi Mahasiswa Calon Guru. *Prosiding Seminar dan Rapat Tahunan FMIPA Universitas Negeri Medan*. Medan, UNIMED Press.
- Mulyasa, E. 2014. *Pengembangan dan Implementasi Kurikulum 2013*. Bandung, Remaja Rosdakarya
- Muslim dan Suhandi, A. (2012). Pengembangan Perangkat Pembelajaran Fisika Sekolah untuk Meningkatkan Pemahaman Konsep dan Keterampilan Berargumentasi Calon Guru Fisika. *Jurnal Pendidikan Fisika Indonesia*, 8, hlm.174-183.
- Pratama, A.B. (2014). *Penerapan Model Pembangkit Argumen dengan Metode Investigasi Sains untuk Meningkatkan Kemampuan Berargumentasi Siswa Pada Materi Kalor*. (Skripsi). Universitas Pendidikan Indonesia, Bandung.
- Pratiwi, R., dkk. 2008. *Contextual Teaching and Learning : Ilmu Pengetahuan Alam SMP/MTS Kelas VIII*. Jakarta : Pusat Perbukuan Depdiknas
- Sampson, V. dan Clark, D.B. (2008). Assessment of the ways students generate arguments in science education : current perspectives and recommendations for future directions. *Science Education*, 92, hlm. 447-472.
- Sampson, V. dan Grooms, J. (2010). Promoting and supporting scientific argumentation outside the lab : Generate an argument instructional model. *The Science Teacher*, hlm. 32-37.

- Samita, J. (2014). *Efektivitas Model Pembangkit Argumen dengan Metode Investigasi Sains untuk Meningkatkan Kemampuan Argumentasi Siswa SMP pada Materi Cahaya*. (Skripsi). Universitas Pendidikan Indonesia, Bandung.
- Siswanto. (2014). *Penerapan Model Pembelajaran Pembangkit Argumen Menggunakan Metode Sainifik untuk Meningkatkan Kemampuan Kognitif dan Keterampilan Berargumentasi*. (Tesis). Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.
- Sugiyono. 2012. *METODE PENELITIAN PENDIDIKAN : Pendekatan Kuantitatif, Kualitatif, dan R&D*. Bandung : Alfabeta.
- Trianto. 2009. *Mendesain Model Pembelajaran Inovatif-Progresif*. Jakarta : Prenada Media Grup
- Venville, G.J dan Dawson, V.M. (2010a).The impact of classroom intervention on grade 10 students' argumentation skills, informal reasoning, and conceptual understanding of science. *Journal of Research in Science Teaching*, 47.(8), hlm. 952-977.
- Venville, G.J dan Dawson, V.M. (2010b).Teaching Strategies for Developing Students' Argumentation Skills About Socio-scientific Issues in High School Genetics. *Research in Science Education*, vol. 42, pp. 133-148
- Von Aufschnaiter, C., dkk. (2008). Arguing to learn and learning to argue : Case studies of how students' argumentation relates to their scientific knowledge. *Journal of Research in Science Teaching*, 45(1), hlm. 101-131.
- Wiersma, W. dan Jurs, S.G. 2009. *RESEARCH METHODS IN EDUCATION : An Introduction*. Boston : Pearson Education, inc.
- Wisudawati, A.W. dan Sulistyowati, E. 2014. *Metodologi Pembelajaran IPA*. Jakarta : PT Bumi Aksara.
- Wu, H., dan Puntambekar, S. (2012). Pedagogical affordances of multiple external representations in scientific processes. *Journal Science Education and Technology*, vol.21, pp. 754-767