

DAFTAR PUSTAKA

- Achyani. (2010). Pengembangan Model Penulisan Buku Pelajaran Biologi SMA Berwawasan Ekologi Dan Berbasis Realitas Lokal. *Jurnal Pendidikan Biologi*, 1 (1), pp. 1-8.
- Allen, K. D., & Hancock, T. E. (2008). Reading Comprehension Improvement with Individualized Cognitive Profiles and Metacognition. *Literacy Research and Instruction*, 47 (2), pp. 124-139.
- Amri, S., & Ahmad, K. I. (2010). *Proses Pembelajaran Kreatif dan Inovatif Dalam Kelas*. Jakarta: Prestasi Pustaka Raya.
- Anderson, L. W., & Krathwohl, D. R. (2001). *A Taxonomy for Learning Teaching and Assessing. A revision of Bloom's Taxonomy of Education Objectives*. New York: Addisn Wesley.
- Anggraeni, S. (2009). *Pengaruh Penggunaan Jurnal Belajar (Learning Journal) Terhadap Hasil Belajar Siswa pada Konsep Sistem Reproduksi Manusia*. (Skripsi). Universitas Pendidikan Indonesia, Bandung.
- Antika, R. N. (2015). *Pengembangan Modul Berbasis Konstruktivis-Metakognitif Pada Materi Sistem Pertahanan Tubuh Untuk Meningkatkan Kemampuan Berpikir Kritis dan Metakognisi Siswa Kelas XI SMA*. (Tesis). Universitas Sebelas Maret, Surakarta.
- Arikunto, S. (2007). *Dasar-Dasar Evaluasi Pendidikan (Edisi Revisi)*. Jakarta: Bumi Aksara.
- Ausubel, D. (1978). In Defense of Advance Organizers: A reply to the critics. *Review of Educational Research*, 48, pp. 251-257.
- Aydin, F. (2011). Geography Teaching and Metacognition. *Educational Research and Reviews*, 6 (3), pp. 274-278.
- Blakey, E., & Spence, S. (1990). *Developing Metacognition*. New York: ERIC Clearinghouse on Information Resources Syracusa NY.
- Bruner, J. (1966). *Toward A Theory of Instruction*. Cambridge, MA: Belknap Press of Harvard University Press.
- Campbell, N. A., Reece, J. B., L. A. Urry., Michael L. C., Steven A. W., Peters V. M., & Robert B. J. (2008). *Biologi Edisi Delapan Jilid 3*. Jakarta: Erlangga.
- Chi, M., & Kurt V. L. (2010). Meta-Cognitive Strategi Instruction in Intellegent Tutoring Sistem: How, When, and Why. *Educational Technology & Society*. 13 (1), pp. 25-39.

- Cohors-Fresenborg, E., & Kaune, C. (2007). Modelling Classroom Discussion and Categorizing Discursive and Metacognitive Activities. *Congres of European Research in Mathematics Education*, 5, pp. 1180-1189.
- Conner, L. N. (2007). Cueing Metacognition to Improve Researching and Essay Writing in a Final Year High School Biology Class. *Research in Science Education*, 37 (1), pp. 1-16.
- Cooper, M. M., & Urena, S. S. (2009). Design and Validation of an Instrument to Assess Metacognitive Skillfulness in Chemistry Problem Solving. *Journal of Chemical Education*, 86 (2), pp. 240.
- Corebima, A. D. (2009). Metacognitive Skill Measurement Integrated in Achievement Test. *Science and Education*, 2 (10), pp. 919-924.
- Costa, A. L. (ed). (1985). *Developing Minds, A Resource Book of Teaching Thinking*. Alexandria: ASCD.
- DeGrave, W. S., Boshuizen, H. P. A. & Schmidt, H. G. (1996). Problem Based Learning: Cognitive and Metacognitive Processes During Problem Analysis. *Instructional Science*, 78 (40), pp. 279-288.
- Depdiknas. (2008). *Pedoman Pengembangan Bahan Ajar*. Jakarta: Dirjendikdasmen PSMA.
- _____. (2010). *Juknis Pengembangan Bahan Ajar SMA*. Jakarta: Direktorat Pembinaan SMA.
- _____. (2006). *SK-KD Biologi SMA*. [Online]. Diakses dari <http://www.dikmenum.go.id/e-learning/pustaka/kd-biologi-sma.doc>.
- Desoete, A., Roeyers, H., & Buysse, A. (2001). Metacognition and Mathematical Problem Solving in Grade 3. *Journal of Learning Disabilities*, 34 (5), pp. 435-449.
- Diella, D. (2014). *Hubungan Kemampuan Metakognisi Dengan Keterampilan Berpikir Kritis dan Sikap Ilmiah Siswa Kelas XI Pada Materi Sistem Ekskresi Manusia*. (Tesis). Program Magister Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.
- Downing, K. (2009). Problem-Based Learning and Metacognition. *Asian Journal on Education and Learning*, 1 (2), pp. 75-96.
- Dunst, C. J., Hamby, D. W., & Trivette, C. M. (2014). Guidelines for Calculating Effect Sizes for Practice-Based Research Synthesis. *Evidence-Based Approaches to Early Childhood Development*, 3 (1), pp. 1-10.

- Efwinda, S. (2015). *Pengaruh Pembelajaran IPA Terpadu Berbasis Masalah Tema Hujan Asam Berbantuan Mind Map Terhadap Penguasaan Konsep dan Metakognisi Siswa*. (Tesis). Program Magister Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.
- Fauzi, M. (2009). Peranan Kemampuan Metakognitif dalam Pemecahan Masalah Matematika Sekolah Dasar. *Jurnal Pendidikan*, 10 (1), pp. 153-160.
- Flavell, J. H. (1992). Cognitive Development: Past, Present, and Future. *Developmental Psychology*, 28 (6), pp. 998-1005.
- _____. (1976). Metacognition and Cognitive Monitoring: A New Area of Cognitive-Developmental Inquiry. *American Psychologist*, 34, pp. 906-911.
- Fraenkel, J. R., & Wallen, N. E. (2009). *How to Design and Evaluate Research in Education (Sixth ed)*. New York: Mc Graw-Hill Book.
- Gok, T. (2010). The General Assessment of Problem Solving Processes and Metacognition in Physics Education. *Eurasian Journal Physics Chemical Education*, 2 (2), pp. 110-122.
- Goodnough, K., & Cashion, M. (2003). Fostering Inquiry Through Problem-Based Learning. *The Science Teacher*, 70 (6), pp. 21-25.
- Hadi. S. (2007). *Pengaruh Pembelajaran Kooperatif Script terhadap Ketrampilan Berpikir Kritis, Metakognitif dan Hasil Belajar Biologi*. (Tesis). Program Pascasarjana, Universitas Negeri Malang, Malang.
- Haerullah, A., & Fadilla, H. U. (2010). Pengaruh Penerapan Model RQA Terhadap Pengetahuan Metakognitif Siswa Kelas XI IPA SMA Negeri 2 Kota Ternate. *Jurnal Bioedukasi*, 2 (1), pp. 180-184.
- Hake, R. R. (1998). Interactive-Engagement Methods in Introductory Mechanics Courses. *Journal of Physics Education Research*, 66, pp. 64-74.
- Herlanti, Y. (2015). *Kesadaran Metakognitif Dan Pengetahuan Metakognitif Peserta Didik Sekolah Menengah Atas Dalam Mempersiapkan Ketercapaian Standar Kelulusan Pada Kurikulum 2013*. (Tesis). Universitas Islam Negeri Syarif Hidayatullah, Jakarta.
- Hollingworth, R. W., & McLoughlin, C. (2002). Developing Science Students' Metacognitive Problem-Solving Skills. *Australian Journal of Educational Technology*, 17, pp. 50-63.
- King, F. J., Goodson, L., & Rohani, F. (1998). *Higher Order Thinking Skills*. [Online]. Diakses dari www.Cala.Fsu.Edu.

- Kipnis, M., & Hofstein, A. (2008). The Inquiry Laboratory As A Source for Development of Metacognitive skills. *International Journal of Science and Mathematics Education*, 6, pp. 601-627.
- Livingston, J. A. (1997). *Metacognition: An Overview* Unpublished manuscript, State University of New York at Buffalo.
- Marchie, E., & Van, K. H. (2014). Learning From Text in Late Elementary Education, Comparing Think Aloud Protocols With Selh-Pepost. *International Conference on Education and Educational Psychology*, pp. 489-496.
- Meijer., Veenam, M. V. J., & Van Hout-Wotters. (2006). Metacognitive Activities in Test. Studying and Problem-Solving: Development of A Taxonomy. *Educational Research and Evaluation*, 12 (3), pp. 209-237.
- Mokhtari, K., & Reichard, C. A. (2002). Assessing Students' Metacognitive Awareness of Reading Strategies. *Journal of Educational Psychology*, 94 (2), pp. 249-259.
- Mondobar, L. P. (2013). *Penerapan Model Quantum Teaching Untuk Meningkatkan Hasil Belajar Ranah Kognitif Dan Kemampuan Metakognitif Materi Alat Optik Siswa SMA*. (Tesis). Program Magister Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.
- Murni, S. (2007). *Pengaruh Penggunaan Jurnal Belajar Dalam Pembelajaran Multistrategi Terhadap Kemampuan Kognitif dan Metakognitif Siswa SMAN 9 Malang*. (Tesis). Program Pascasarjana, Universitas Negeri Malang, Malang.
- Murti, H. A. S. (2011). Metakognisi dan Theory of Mind (ToM). *Jurnal Psikologi Pitutur*, 1 (2), pp. 53-64.
- Onu, V. C. (2012). Effect of Training in Math Metacognitive Strategy on Fractional Achievement of Nigerian Schoolchirdren. *Earlier title: US-China Education Review*, 3, pp. 316-325.
- Permari, N. W. P. (2014). *Pengembangan Bahan Ajar Biologi*. Bandung: Tidak diterbitkan.
- Piaget, J. (1964). *The Early Growth of Logic in the Child: Classification and Seriation*. London: Routledge and Kegan Paul.
- Pillow, B. (2008). Development of children's understanding of cognitive activities. *The Journal of Genetic Psycholog*, 169 (4), pp. 297-321.

- Prastowo, A. (2015). *Panduan Kreatif Membuat Bahan Ajar Inovatif*. Yogyakarta: Diva Press.
- _____. (2012). *Panduan Kreatif Membuat Bahan Ajar Inovatif*. Yogyakarta: Diva Press.
- Prayitno, B. A. (2014). *Potensi Sintaks Model Pembelajaran Konstruktivis-Metakognitif Dalam Melatihkan Kemampuan Berpikir dan Kemandirian Belajar Siswa*. Universitas Negeri Sebelas Maret. Tidak diterbitkan.
- Rahmi, S. Ur. (2015). *Pembelajaran Inkuiri Pada Praktikum Kimia Analitik Untuk Meningkatkan Kemampuan Metakognisi Mahasiswa Kimia Tekstil*. (Tesis). Program Magister Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.
- Riduwan. (2007). *Metode dan Teknik Menyusun Tesis*. Bandung: Alfabeta.
- Rivers, W. S. (2001). Autonomy at All Cosis. An Ethnography of Metacognitive Self-Assessment and Self-Management Among Experienced Language Learners. *Moderns Language Journal*, 86 (2), pp. 279-290.
- Sarac, S. (2012). On-Line and Off-Line Assessment of Metacognition. *International Electronic Journal Elementary Education*, 4 (2), pp. 301-315.
- Saribas, D., Mogalugu, E. Z., & Bayram, H. (2013). Creating Metacognitive Awareness in the Lab: Outcomes for Preservice Science Teachers. *Eurasia Journal of Mathematics, Science & Technology Education*, 9 (1), pp. 83-88.
- Schneider, W. (2008). The Development of Metacognitive Knowledge an Children And Adolescents: Major Trends and Implications for Education. *Mind, Brain, and Education*, 2 (3), pp. 114-121.
- Schraw, G., & Dennison, R. S. (1994). Assesing Metacognitive Awareness. *Contemporarry Educational Psychology*, 19 (5), pp. 460-475.
- Schraw, G., Crippen, K. J., & Hartley, K. (2006). Promoting Self-Regulation in Science Education: Metacognition as Part of a Broader Perspective on Learning. *Research in Science Education*, 36 (1-2), pp. 111-139.
- Septiyana, K., Prasetyo, A. P. B., & Christijanti, W. (2013). Jurnal Belajar Sebagai Strategi Berpikir Metakognitif Pada Pembelajaran Sistem Imunitas. *Jurnal Pendidikan Biologi*, 2 (1), pp. 1-9.
- Sperling, R. A., Howard, B. C., Miller, L. A., & Murupy, C. (2004). Metacognition and Self-Regulated Learning Constructs. *Educational Research and Evaluation*, 10 (2), pp. 117-139.

- Sudiarta, P. (2006). Penerapan Strategi Pembelajaran Berorientasi Pemecahan Masalah Dengan Pendekatan Metakognitif untuk Meningkatkan Pemahaman Konsep dan Hasil Belajar Mahasiswa. *Jurnal Pendidikan dan Pengajaran*, 3 (4), pp. 588-602.
- Sudjana, N. (2000). *Penilaian Hasil Proses Belajar Mengajar*. Bandung: PT. Remaja Rosdakarya.
- Sugiyono. (2011). *Metode Penelitian Kuantitatif, Kualitatif dan R & D*. Bandung: CV. Alfabeta Bandung.
- Susantini, E. (2004). *Memperbaiki Kualitas Proses Belajar Genetika Melalui Strategi Metakognitif Dalam Pembelajaran Kooperatif Pada Siswa SMU*. (Disertasi). Program Pascasarjana, Universitas Negeri Malang, Malang.
- Tandel, S. H. (2012). Effectiveness of Constructivist 5 'E' Model. *Research Expo International Multidisciplinary Research Journal*, 2 (2), pp. 76-82.
- Tanner, K. (2012). Promoting Student Metakognition. *The American Society For Cell Biology*, 11, pp. 113-120.
- Taylor, S. (2014). Better Thinking Better Learning. *Journal of College Reading and Learning*, 30 (1), pp. 34-45.
- Teasdale J. D., Pope M., Moore R. G., Williams S., & Segal, Z. V. (2002). Metacognitive Awareness and Prevention of Relaps in Depression: Empirical Evidence. *Journal of Consulting and Clinical Psychology*. 2 (70), pp. 275-287.
- Thomas, G., Anderson, D., & Nashon, S. (2008). Development of an Instrument Designed to Investigate Elements of Science Students' Metacognition, Self-Efficacy and Learning Processes: The SEMLI-S. *International Journal of Science Education*, 30 (13), pp. 1701–1724.
- Toharudin, U. (2010). *Kajian Pengembangan Bahan Ajar Berorientasi Literasi Sains Untuk Pendidikan Dasar*. (Disertasi). Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.
- Tosun, C., & Senocak, E. (2013). The Effects of Problem-Based Learning on Metacognitive Awareness and Attitudes toward Chemistry of Prospective Teachers with Different Academic Backgrounds. *Australian Journal of Teacher Education*, 38 (3), pp.61-73.
- Toto. (2009). *Pengembangan Bahan Ajar Fisika Dasar untuk Calon Guru Biologi*. (Disertasi). Sekolah Pascasarjana, Universitas Pendidikan Indonesia, Bandung.

- Veenman, M. V. J., Wilhelm, P., & Beishuizen, J. (2004). The Relation Between Intellectual and Metacognitive Skills from a Developmental perspective. *Journal Learning and Instruction*, 14 (1), pp. 89-109.
- Wati, H. M., Susantini, E., & Yuni, S. R. (2015). Validitas Bahan Ajar Berbasis Metakognitif Pada Materi Anabolisme Karbohidra. *E-Journal*, 4 (3), pp. 957-962.
- Widianingsih, A. A., & Wulan, A. R. (2015). Pengaruh Strategi Metakognisi terhadap Penguasaan Konsep dan Sikap Ilmiah Siswa Kelas XI dalam Pembelajaran Sistem Reproduksi Manusia. *Seminar Nasional XII Pendidikan Biologi FKIP UNS 2015*, 6 (3), pp. 297-302.
- Widodo, A. (2007). Konstruktivisme dan Pembelajaran Sains. *Jurnal Pendidikan dan Kebudayaan*, 64 (13), pp. 91-103.
- Yürük, N. (2007). A Case Study of one Student's Metaconceptual Process and The Changes in Her Alternative Conceptions of Force and Motion. *Eurasia Journal, Sciences and Technology Education*, 3 (4), pp. 305-325.
- Zohar, A. (2012). *Metacognition in Science Edcation*. New York: Springer Science.