

DAFTAR PUSTAKA

- Amir, M. (2008). *Inovasi Pendidikan Melalui Problem Based Learning*. Jakarta: Kencana.
- Anderson, L. W. & Krathwohl, D. R. (2001). *A Taxonomy for learning, teaching and assessing: A revision of Bloom's Taxonomy of educational objectives: Complete edition*. New York: Longman.
- Arends, R. (2008). *Learning to Teach* (diterjemahkan oleh Helly P. S dan Sri Mulyantini). Yogyakarta : Pustaka Pelajar.
- Arikunto, S. (2013). *Evaluasi Program Pendidikan*. Jakarta: Bumi Aksara.
- Arnyana, I. B. P. (2006). Pengaruh penerapan strategi pembelajaran inovatif pada pembelajaran biologi terhadap kemampuan berpikir kreatif peserta didik SMA. *Jurnal: Pendidikan dan Pengajaran IKIP Negeri Singaraja*, 3, hlm. 496-518.
- Awang & Ramly. (2008). Creative Thinking Skill Approach Through Problem-Based Learning: Pedagogy and Practice in the Engineering Classroom. *International Journal of Human and Social Sciences* 3 (1), hlm. 18-23
- Barrow, H.S & Tamblyn, R. M. (1980). *Problem-Based Learning: An Approach To Medical Education*. New York: Springer Publishing Company.
- Barrows, H. S. (1986). A taxonomy of problem-based learning method. *Medical Education*, 20, hlm. 481-486.
- Barrows, H. S. (1996). Problem-based learning in medicine and beyond: a brief overview, *Journal: New Directions for Teaching and Learning*. 68 (Winter), hlm. 3-12
- Bloom, B.S, dkk. (1956). *Taxonomy of Educational Objectives: The Classification of Educational Goal. Handbook I*. New York: David McKay.
- BSNP. (2006). *Standar Kompetensi dan Kompetensi Dasar SMA/MA*. Jakarta: BSNP.
- Carroll. (1993). *Human Cognitive Abilities*. New York: University of Cambridge.
- Chang. R & Overby, J (2011). *General Chemeistry : The Essential Concepts 6th edition*. New York: McGraw-Hill.

- Dariyo, A. (2003). "Menjadi Orang Kreatif Sepanjang Masa" *Jurnal Psikologi*.1, (1) hlm. 29-37.
- Davis, G. A., & Rimm, S. B. (1985). *Education of the gifted and talented*. Englewood Cliffs. NJ: Prentice Hall
- Depdiknas. (2007). *Pedoman Pembelajaran Bidang Pengembangan Kognitif di Taman Kanak-Kanak*. Jakarta: Depdiknas
- Dolmans, dkk. (1997). Seven principles of effective case design for a problem-based curriculum. *Medical Teacher*, 19, hlm. 185-189.
- Eli, R.N. (2014) . *Analisis Kemampuan Kognitif dan Kreatifitas Peserta Didik melalui Pembelajaran Problem Based Learning pada Sub Materi Penjernihan Air* . Tesis pada SPs UPI: Tidak diterbitkan.
- Ebbing, D.D & Gammon, S.D. (2007). *General Chemistry. Ninth Edition*. New York: Hughton Mifflin Company.
- Glencoe. (2002). *Chemistry: Concepts and Application*. New York: McGraw-Hill
- Guilford, J. P. (1950). Creativity. *Journal: American Psychologist*, 5, hlm. 444–454
- Gottfredson, L.S. (1997). Mainstream Science on Intelligence: An Editorial With 52 Signatories, History, and Bibliography. *Journal: Intelligence* 24 (1), hlm. 13-23
- Guilford, J.P. (1973). *Characteristic of Creativity*. Illinois: Departement for Exeptional Children.
- Hake. (1998). Interactive-engagement versus traditional methods: A six-thousand-student survey of mechanics test data for introductory physics courses. *Journal: Am. J. Phys*, 66 (1), hlm. 64 – 74.
- Hmelo-Silver, C. E. (2004). Problem-based learning:What and how do students learn?. *Journal: Educational Psychology Review*, 16(3) hlm. 235-266.
- Koentjaraningrat. (1997). *Metode Penelitian Masyarakat*. Jakarta: Erlangga.
- Kosasih. (2014). *Strategi Belajar dan Pembelajaran Implementasi Kurikulum 2013*. Bandung: Yrama Widya.
- Lawshe. (1975). A Quantitative Approach To Content Validity. *Journal: Personnel Psychology*, 28 hlm.563-575.

- Mann, E. L. (2005). *Mathematical creativity and school mathematics: Indicators of mathematical creativity in middle school students*. Hartford : University of Connecticut,
- Marwati, dkk. (2009). *Pemanfaatan Ion Logam Berat Tembaga(II),Kromium(Iii), Timbal(Ii), Dan Seng(II) dalam Limbah Cair Industri Electroplating untuk Pelapisan Logam Besi. Jurnal: Penelitian Saintek*, 14(1) hlm. 17-40.
- McMurry, J. & R. C. Fay.(2003).*Chemistry (fourth edition)*.New York : Pearson Prentice Hall.
- Melyanti.(2011). *Analisis Proses Pembelajaran Pokok Bahasan Elektrokimia Di Kelas XII SMAN 1 Panti. Ta'dib*,14(1) hlm. 36-43.
- Mennin, S. (2007). Small-group problem-based learning as a complex adaptive system. *Journal: Teaching and Teacher Education*,23 hlm. 303-313.
- Moleong. (2007).*Metodologi Penelitian Kualitatif*. Bandung : Remaja Rosdakarya.
- Mulyadi, Y. (2006). *Pengembangan Model Pembelajaran Cooperative Learning Tipe Numbered Heads Together (NHT) pada konsep Optik Geometris untuk Meningkatkan Keterampilan Proses Sains dan Hasil Belajar Siswa*. Tesis pada SPs UPI: Tidak diterbitkan
- Munandar, U. (1985). *Mengembangkan Bakat dan Kreativitas Anak Sekolah*. Rineka Cipta.
- Overton. (2015). Beyond Problem-Based Learning: Using Dynamic PBL in Chemistry. *Journal: chem.edu.res.pract*,16.hlm. 251-259.
- Riduwan. (2011). *Pengantar Statistika untuk Penelitian Pendidikan Sosial, Ekonomi, Komunikasi dan Bisnis*. Bandung: Alfabeta.
- Rotgans, J. I & Schmidt, H. G. (2011). Cognitive engagement in the problem-based learning classroom”. *Journal: Adv in Healt Sci Educ*. 6, hlm. 465-479.
- Saden, R. (1994). *Teaching Problem Solving In Vocational Education*. London: Routledge.
- Sudjana, N. (2010). *Penilaian Hasil Proses Belajar Mengajar*. Bandung : Remaja Rosdakarya.

- Sugiyarta, dkk. (2012). *Pengaruh Konsentrasi larutan dan Kuat Arus terhadap Ketebalan pada Proses Pelapisan Nikel untuk Baja Karbon Rendah*. *Jurnal Ratasi*, 14 (4), hlm. 23-27
- Sugiyono. (2014). *Metode Penelitian Kombinasi (Mixed Method)*. Alfabeta: Bandung.
- Surapranata, S. (2004). *Panduan Penulisan Tes Tertulis Implementasi Kurikulum 2004*. Bandung: PT Remaja Rosdakarya.
- Tan. (2002). Problem-based learning: More problems for teacher education. *React*, 21(1) hlm. 43-55.
- Tan. (2004). Student's Experience in Problem Based Learning :Three Blind Mice Episode or Educational Innovation. *Journal: Innovations in Education and Teaching International*, 41 hlm. 169-184.
- Tatar, E & Oktay, M.(2011). The Effectiveness of Problem-Based Learning on Teaching The First Law of Thermodynamics. *Journal: Research in Science & Technological Education*, 29 (3) hlm. 315-332.
- Torrance, E. P , (1962). *Guiding creative talent*. US: Prentice-Hall, Inc
- Uyanto. (2009). *Pedoman Analisis dengan SPSS*. Yogyakarta: Graha Ilmu.
- Widiyanto. (2013). *Statistika Terapan*. Jakarta: Elex Media Komputindo.
- William, F.E. (1968). *Workshop On The Use And Adaption Of New Media For Developing Creativity*. U.S : u. S. Department of health, education and welfare Office of education.