

DAFTAR PUSTAKA

- Bakac, A. (2010). *Physical inorganic chemistry: reactions, processes, and applications*. New Jersey: John Wiley & Sons, Inc.
- Brady, J. E., Jespersen, N. D., dan Hyslop, A. (2012). *Chemistry the molecular nature of matter*. Edisi keenam. New Jersey: John Wiley & Sons, Inc.
- Brousseau, G. (2002). *Theory of didactical situations in mathematics*. New York: Kluwer Academic Publishers.
- Bruner, J. S. (1957). Going beyond the information given. Dalam Bruner, J. S. (2006). *In search of pedagogy The selected works of Jerome S. Bruner*. Volume I: New York: Routledge
- Bruner, J. S. (1960). The act of discovery. Dalam Bruner, J. S. (2006). *In search of pedagogy: The selected works of Jerome S. Bruner*. Volume I. New York: Routledge
- Bruner, J. S. (1961). Readiness for learning. Dalam Bruner, J. S. (2006). *In search of pedagogy: The selected works of Jerome S. Bruner*. Volume I. New York: Routledge
- Bruner, J. S. dkk. (1976). The role of tutoring in problem solving. Dalam Bruner, J. S. (2006). *In search of pedagogy: The selected works of Jerome S. Bruner*. Volume I. New York: Routledge
- Chang, R. dan Overby, J. (2011). *General chemistry: the essential concepts*. Edisi keenam. New York: McGraw-Hill.
- Chairani. Y. (2012). *Desain didaktis konsep layang-layang dan belah ketupat untuk siswa SMP*. (Tesis). Bandung: Sekolah Pascasarjana, Universitas Pendidikan Indonesia.
- Chittleborough, G. (2014). The development of theoretical frameworks for understanding the learning of chemistry. Dalam Devetak dan S. A. Glaz'ar, S. A. (penyunting). *Learning with understanding in the chemistry classroom*. Ney York: Springer Science+Business Media.
- Cohen, L., dkk (2007). *Research methods in education*. Edisi keenam. New York: Routledge
- Everett, D. H. F. R. S. (1988). *Basic principles of colloid science*. London: The Royal Society

of Chemistry.

Herga, N. R. dan Dinevski, D. (2012). "Virtual laboratory in chemistry –experimental study of understanding, reproduction and application of acquired knowledge of subject's chemical content". *Organizacija*. May-June 2012, 45, (3), 108-116.

Herron, J. D, dkk. (1977). Problem associated with concept analysis. *Journal of Science Education*, Vol. 61, No. 2, hlm. 185-199.

Hidayat, A. dan Hendayana, S. (2013). Developing tools for analyzing of classroom interaction: does it student-centered or teacher-center lesson?. Disajikan pada *International Seminar on Mathematics, Science, and Computer Science Education*. Bandung: Universitas Pendidikan Indonesia.

Hiebert, J., Gallimore, R., Stigler J. W. (2002). A knowledge base for the teaching profession: what would it look like and how can we get one? *Educational Researcher*, Vol. 31, No. 5, hal 3–15.

Hofstein A. dan Naaman, R.M. (2011) High-school students' attitudes toward and interest in learning chemistry. Disajikan pada *2011 International year of chemistry (attitude toward chemistry)*. Mexico: educación química Universidad Nacional Autónoma de México. Tersedia on-line : http://www.researchgate.net/profile/Avi_Hofstein/publication/265752477_High-School_Students'_Attitudes_toward_and_Interest_in_Learning_Chemistry/links/547ba97a0cf2a961e489c568.pdf. Diakses 01 Maret 2015.

Johnstone, A. H. (2000). Teaching of chemistry - logical or psychological? *Chemistry Education: Research And Practice In Europe*. Volume 1, No. 1, hal. 9-15

Nakhleh, M., B.(1992). "Why some students don't learn chemistry: chemical misconceptions". *Journal of Chemical Education*. 69. 3191-196.

Kansanen, P. & Meri, M. (1999). *The didactic relation in the teaching-studying-learning process*. Tersedia on-line : http://www.helsinki.fi/~pkansane/Kansanen_Meri.pdf diakses : 23 Februari 2014, 20:50:13

Karvov, Y. F. (2003). Vygotsky's doctrine of scientific concepts: its role for contemporary education. Dalam Kozulin, A. dkk. (Penyunting). *Vygotsky's educational theory in cultural context*. New York: Cambridge University Press

Kuno, H. (2012). Impact of lesson analysis: sharing the values of high quality lesson. Disajikan pada *WALS 2012 International conference*, 29 November 2012, Singapura.

Aa Mulyana, 2014

DESAIN DIDAKTIS PEMBELAJARAN KIMIA SEKOLAH MENENGAH ATAS BERBANTUAN LESSON ANALYSIS SEBAGAI REFLEKSI DIRI PADA KONSEP PEMBUATAN SISTEM KOLOID

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

- Lidinillah, D. A. M. (2012). *Design research* sebagai model penelitian pendidikan. Disajikan pada *Kegiatan Pembekalan Penulisan Skripsi Mahasiswa S1 PGSD UPI Kampus Tasikmalaya*. Tasikmalaya: Universitas Pendidikan Indonesia. Tersedia on-line: http://www.researchgate.net/profile/Dindin_Abdul_muiz_lidinillah/publication/258517082_Educational_Design_Research/links/00b49528849cba2315000000.pdf. Diakses 01 Maret 2015.
- Pusat Inovasi Pendidikan (2013). Lesson study: Membangun Komunitas Belajar untuk Masa Depan Lebih Baik. Tersedia di : https://www.academia.edu/8275687/Membangun_Komunitas_Belajar_untu_Masa_Depan_Lebih_Baik. Diakses tanggal: 20 Mei 2014.
- Polya, G. (1985). *How to solve it: a new aspect of mathematical methods*. Edisi kedua. New Jersey: Princeton University Press.
- Romagnano, L., Evans, B., dan Gilmore, D. (2008). Using Video Cases to Engage Prospective Secondary Mathematics Teachers in Lesson Analysis. Dalam Thomson dkk (penyunting). *Cases in Mathematics Teacher Education: Tools for Developing Knowledge Needed for Teaching AMTE Monograph. Volume 4: hal 110-123*
- Roeroe, M. B. (2011) Didactical design research (DDR) dalam pengembangan pembelajaran kependidikan. *ED VOKASI, Jurnal Pendidikan Teknologi dan Kejuruan*. Volume 2, Nomor 2, hal 139-144
- Santagata, R. Dkk. (2007). The role of lesson analysis in pre-service teacher education: an empirical investigation of teacher learning from a virtual video-based field experience. *J. Math. Teacher Educ.* Volume 10, hal. 123–140
- Schunk, D. H. (2012). *Learning theories: an educational perspective*. Edisi keenam. Boston: Pearson Education, Inc.
- Sirhan, G., (2007). Learning difficulties in chemistry: an overview. *Turkish Science Education*. Volume 4, Issue 2 hal. 2-20.
- Smith, B. L. dan MacGreqor, J. T. (1992). What is collaborative learning? Dalam Goodsel dkk. (Penyunting), *Collaborative learning: a sourcebook for higher education*. Washington DC: University Park. PA.
- Sato, M (2007). *Tantangan yang harus dihadapi sekolah, makalah dalam bacaan rujukan untuk lesson study – berdasarkan pengalaman Jepang dan IMSTEP*. Jakarta: Sisttems.

- Sato, M. (2012). *Mereformasi sekolah, konsep dan praktek komunitas belajar*. Jakarta: Pelita.
- Silberberg, M. (2006). *Chemistry: the molecular nature of matter and change*. Edisi kelima. New York: McGraw-Hill Companies, Inc.
- Sulistiawati. (2012). *Pengembangan Desain Didaktis Bahan Ajar Penalaran Matematis pada Materi Luas Dan Volume Limas*. (Tesis). Bandung: Sekolah Pascasarjana, Universitas Pendidikan Indonesia.
- Suryadi, D. (2005). *Penggunaan Pendekatan Tidak Langsung serta Pendekatan Gabungan Langsung dan Tidak Langsung dalam Rangka Meningkatkan Kemampuan Berfikir Matematika Tingkat Tinggi Siswa SLTP*. Bandung: SPs UPI
- Suryadi, D. (2010). *Metapedadidaktik dan Didactical Design Research (DDR): Sintesis hasil pemikiran berdasarkan lesson study*. Bandung: FPMIPA UPI.
- Suryadi, D. (2011). Didactical design research (DDR) dalam pengembangan pembelajaran matematika. [online]. Tersedia di <http://didisuryadi.staf.upi.edu/files/2011/06/DIDACTICAL-DESIGN-RESEARCH-DDR.pdf>. Diakses 2 Februari 2014.
- Suryadi, D. (2013). Didactical design research (ddr) dalam pengembangan pembelajaran matematika. Makalah pada *Seminar Nasional Matematika di Universitas Negeri Semarang*, tidak diterbitkan.
- Suryadi, D. (2014). Sekilas perjalanan didactical design research (DDR). Disajikan pada *training of trainers lesson study* di perguruan tinggi, Universitas Pendidikan Indonesia, Maret 2014.
- Vygotsky, L. (1930). *Mind in society: The development of higher psychological processes*. Cambridge, MA: Harvard University Press.
- Vygotsky, L. (1978). Interaction between learning and development. Dalam Gauvain, M. dan Cole, M. (1997) (Penyunting), *Reading of the Development of Children*, Edisi kedua. New York: W. H. Freeman and Company.
- Warfield, V. M. (2014). *Invitation to didactique*. Edisi pertama. New York: Springer
- Williamson, K. L. dan Masters, K. L. (2011). *Macroscale and microscale organic experiments*. Belmont: Brooks/Cole.

Zsigmondy, R. (1917). *The chemistry of colloids*. Edisi pertama. New York: Jhon Willey & Sons Inc.