

## DAFTAR PUSTAKA

- Aiken, L. R., 1996. *Rating Scale & Cheklits Evaluating Behavior, Personality, and Attitude*. New York : John Wiley & Sons, Inc.
- Airasian, W.P. 1991. *Classroom Assessment*. New York, McGraw-Hill. Inc.
- Alwasilah, et. al. 1996. *Glossary of Educational Assessment Term*. Jakarta : Ministry of Education and Culture
- Amin, M. 1987. *Mengajar IPA dengan Metode Discovery dan Inquiry*. Jakarta : Dirjen Dikti Depdiknas
- Anastasi, A & Urbina, S. 1997. *Psychological Testing*. Seventh edition. Upper Saddle River, NJ : Prentice Hall, Inc.
- Anderson, W. L., et. al. 2001. *A Taxonomy for Learning, Teaching, and Assessing*. New York : Addison Wesley Longman Inc.
- Arends, R.I. 1997. *Classroom Instruction and Management*. New York : McGraw-Hill
- Arikunto, S & Jabar. 2004. *Evaluasi Program Pendidikan*. Jakarta : Bumi Aksara
- Arikunto, S. 2007. *Dasar-dasar Evaluasi Pendidikan*. Jakarta : Bumi Aksara
- Azwar, S. 2010. *Reliabilitas dan Validitas*. Yogyakarta : Pustaka Pelajar
- Baghaei, P dan Amrahi, N. 2011. The Effects of The Number of Options on The Psychometric Characteristics of Multiple Choice Items. *Psychological Test and Assessment Modeling*. Volume 53, 2011 (2), 192-211
- Battista, D. D., Kurzawa, L. 2011. Examination of The Quality of Multiple-Choice Items on Classroom Tests. *The Canadian Journal for The Scholarship of Teaching and Learning*. Vol 2.
- Bennett, W.S. 2004. Assessment in Chemistry and The Role Examinations. *The Royal Society Chemistry*. Vol. 8. p. 52-57
- Boland, R.J., Lester, N.A., and Williams, E. 2010. Writing Multiple-Choice Question. *Academic Psychiatry*, 34:4, July-Agustus 2010
- Bookhart, S.M. 2001. *The Art of Science of Classroom Assessment*. ERIC Digest

Ajat Sudrajat, 2013

Pengembangan Perangkat Asesmen Kompetensi Praktikum Kimia Analitik Dasar Berbasis Task With Student Direction (Twsd) Bagi Mahasiswa Calon Guru  
Universitas Pendidikan Indonesia | repository.upi.edu

- Borg, W. R., & Gall, M. D. 1983. *Education Research An Introduction*. Fourth Edition. New York : Longman Inc
- Calongesi, J. S. 1995. *Merancang Tes untuk Manilai Prestasi Siswa*. Bandung : ITB
- Chan, L.K.S & Cole, P.G. 1987. *Teaching Principles and Practice*. New York : Prentice Hall.
- Cooper, J. M. 1990. *Classroom Teaching Skill*. Massachusetts : D. C. Health and Company
- Crocker, L & Algina, J. 1986. *Introduction to Classical and Modern Test Theory*. Forth Worth : Holt, Rinehart and Winston, Inc.
- Dahar, R. W. 1996. *Teori-teori Belajar*. Jakarta : Erlangga
- Depdiknas, 2002, *Pengembangan Sistem Pendidikan Tenaga Kependidikan Abad ke-21*. Jakarta. Departemen Pendidikan Nasional
- Depdiknas . 2003a. *Kurikulum 2004 Standar Kompetensi Mata Pelajaran Kimia*. Jakarta
- Depdiknas. 2003b. *Kurikulum 2004 Pedoman Umum Pengembangan Silabus*. Jakarta
- Depdiknas. 2003c. *Kurikulum 2004 Pedoman Khusus Pengembangan Silabus dan Penilaian Mata Pelajaran Kimia*. Jakarta
- Depdiknas. 2003d., *Kurikulum 2004 Pengembangan Sistem Penilaian*, Jakarta
- Depdiknas. 2005. *Pengembangan Sistem Asesmen Berbasis Kompetensi (Buku 1 Pedoman Umum)*. Jakarta. Ditjen Dikti
- Depdiknas, 2006. *Permendiknas nomor 22 tahun 2006*. Jakarta
- Depdiknas. 2007. *Standar Kualifikasi Akademik dan Kompetensi Guru*. Jakarta
- Depdiknas. 2008. *Pengembangan Perangkat Penilaian Psikomotor*. Jakarta
- Djamarah. 2002. *Psikologi Belajar*. Jakarta : Rineka Cipta

Ajat Sudrajat, 2013

Pengembangan Perangkat Asesmen Kompetensi Praktikum Kimia Analitik Dasar Berbasis Task With Student Direction (Twsd) Bagi Mahasiswa Calon Guru  
Universitas Pendidikan Indonesia | repository.upi.edu

- Domin D.S. 2007. Students Perception of When Conceptual Development Occurs During Laboratory Instruction. *Chemistry Education Research and Practice*. 8 (2), 140 – 152.
- Eskilson, Olle. 2008. The Quality of Lower Secondary Students Discussions During Labwork in Chemistry. *Eurasia Journal of Mathematics, Science and Technology Education*. 4 (3), 247 – 254
- Etkina, Eugenia., *et.al.* 2006. Scientific Ability and Their Assessment, *Physic Education Research*. 2, 020103.
- Fay, Michael E., Grove, Nathaniel P., Town, Marcy Hamby., and Bretz, Stacey Lowery. 2007. A Rubric to Characterize Inquiry in The Undergraduate Chemistry Laboratory, *Chemistry Education Research and Practice*, 8 (2), 212 – 219.
- Firman, H. 1989. *Penilaian Hasil Belajar Dalam Pengajaran Kimia*. Bandung. Jurusan Pendidikan Kimia FPMIPA IKIP Bandung
- Fraenkel, J.R dan Wallen, N.E. 1993. *How to Design and Evaluate Research in Education*. New York. Mc Graw Hill Inc
- Gabel, D. L. 1993. *Handbook of Research on Science Teaching and Learning*. New York : Macmillan Company
- Gallagher, S., Stepien, W. J., Sher, B. T., dan Workman, D. 1995. Implementing Problem-Based Learning in Science Classrooms, *School Science and Mathematics*, 95 (3) : 136 – 146
- Gronlund, N.E., & Linn, R.L. 1990. *Measurement and Evaluation in Teaching*. Sixth edition. New York : MacMillan Publishing Company.
- Herman, L. J., Aschbacher, R. P., Winters, L. 1992. *A Practical Guide to Alternative Assessment*. California: ASCD.
- Hunter, C. Mccsoh, R. Wilkins, H. 2003. Integrating Learning and Assessment in Laboratory Work. *Journal Chemistry Education Research and Practice*. Vol 4(1). p. 67-75.
- <http://www.bcteacherregulation.ca/documents/aboutUs/standards/edu.stds.pdf>.  
*Standar for the Education, Competence & Professional Conduct of Educator in British Columbia*. Online. 6 Juli 2012

Ajat Sudrajat, 2013

Pengembangan Perangkat Asesmen Kompetensi Praktikum Kimia Analitik Dasar Berbasis Task With Student Direction (Twsd) Bagi Mahasiswa Calon Guru Universitas Pendidikan Indonesia | repository.upi.edu

<http://www.images.lussysf.multiply.multiplycontent.com>. *Teknik Analisis Butir Soal*. Online 23 September 2011

[http://file.upi.edu/Direktori/FIP/JUR.\\_PSIKOLOGI\\_PEND\\_DAN\\_BIMBINGAN/195911301987031-YAYA\\_SUNARYA/BAHAN\\_EVALUASI-ASESMEN/URAIAN.pdf](http://file.upi.edu/Direktori/FIP/JUR._PSIKOLOGI_PEND_DAN_BIMBINGAN/195911301987031-YAYA_SUNARYA/BAHAN_EVALUASI-ASESMEN/URAIAN.pdf). *Upaya Meningkatkan Kualitas Tes Pilihan Ganda*. Online 25 September 2011

Joyce, B., Weil, M & Calhoun, E. 2000. *Models of Teaching*. Neehan : Heights Massachussets.

Kumano, Y. 2001. *Authentic Assessment and Portfolio Assessment-Its Theory and Practice*. Japan : Shizuoka University

Maloney, D. P., O’Kuma, T.L., Hieggelke, C.J., Heuvelen, A.V. 2001. Surveying Students Conceptual Knowledge of Electricity and Magnetism. *Am. J. Phys. Suppl.* Vol 69, No 7, July 2001. S15-S23

Marzano, R.J. Pickering, D., Mctighe, J. 1994. *Assessing Student Outcomes : Performance Assessment Using The Dimensions of Learning Model*. Alexandria : Association for Supervision and Curriculum Development

Mc Donnell, Claire., O’Connor, Christine., and Seery, Michael K. 2007, Developing Practical Chemistry Skill by Means of Stude-Driven Problem Based Learning Mini-Projects, *Chemistry Education Research and Practice*, 8 (2), 130 – 139.

McGarvey, J. D. 2004. Experimenting with Undergraduate Practicals. *The Royal Society Chemistry*. Vol. 8. p. 58-65

Meltzer, D.E. 2002. The Relation Between Mathematics Preparation and Conceptual Learning Gains in Physics : A Possible Hidden Variable in Diagnostic Pretest Scores. *Journal of Am J Phys.* 70 (12) Desember 2002, 1259-1286

Miller, H. P. 1989. *Theories Developmental Psychology*. 2<sup>rd</sup> ed. New York : W.H Freeman and Company

Mogaluglu, Ebru and Saribas, Deniz. 2010. Pre-service Science Teachers Competence to Design sn Inquiry Based Lab Lesson, *Prosedia Social and Behavioral Science*, 2 (2010), 4255-4259

**Ajat Sudrajat, 2013**

Pengembangan Perangkat Asesmen Kompetensi Praktikum Kimia Analitik Dasar Berbasis Task With Student Direction (Twsd) Bagi Mahasiswa Calon Guru Universitas Pendidikan Indonesia | repository.upi.edu

- Mueller, Jon. 2005 , *The Authentic Assessment Toolbox : Enhancing Student Learning Through Online Faculty Development*, *Merlot Journal of Online Learning and Teaching*, vol.1 , no 1
- Mulyasa, E. 2009. *Standar Kompetensi dan Sertifikasi Guru*. Bandung : Remaja Rosda Karya
- Muslich, M. 2009. *Kurikulum Tingkat Satuan Pendidikan (Pembelajaran Berbasis Kompetensi dan Kontektual)*. Jakarta : Bumi Aksara
- Nahadi. 2009. Efektivitas Pembelajaran Kemampuan Asesmen Pembelajaran Bagi Mahasiswa Calon Guru Kimia. *Disertasi*. UPI (tidak diterbitkan)
- National Science Education Standards. 1996. Washington DC. National Academy Pres
- National Science Teacher Association. 1998. *Standards for Science Teacher Association Preparation*. America
- Ottander, Christina and Grelsson, Gunnel. 2006. Laboratory Work : The Teachers Perspective, *The Journal of Biological Education*, vol 40, no 3
- Pidekso, A. 2009. *Panduan Praktis SPSS 17 Untuk Pengelolaan Data Statistik*. Yogyakarta : CV Andi Offset
- Popham, W.J. 1999. *Classroom Assessment : What Teacher Need to Know*. Boston : Allyn and Bacon
- Purwanto. 2010. *Instrumen Penelitian Sosial dan Pendidikan Pengembangan dan Pemanfaatan*. Yogyakarta : Pustaka Pelajar
- Rahman, T. 2008. Pengembangan Program Pembelajaran Praktikum Untuk Meningkatkan Kemampuan Generik Calon Guru Biologi. *Disertasi*. UPI (tidak diterbitkan)
- Rahayuningsih, E dan Dwiyanto, D. 2005. *Pembelajaran di Laboratorium*. Yogyakarta : Pusat Pengembangan Pendidikan UGM
- Rudner, L.M., and Schafer, W.D., 2002. *What Teachers Need to Know About Assessment*. Washington DC : National Education Association.
- Ruseffendi. 1998. *Statistik Dasar untuk Penelitian Pendidikan*. Bandung: CV. Andira.

**Ajat Sudrajat, 2013**

Pengembangan Perangkat Asesmen Kompetensi Praktikum Kimia Analitik Dasar Berbasis Task With Student Direction (Twsd) Bagi Mahasiswa Calon Guru  
Universitas Pendidikan Indonesia | repository.upi.edu

- Rustaman, N. Y. 2004. *Asesmen Pendidikan IPA*. Makalah Penataran Guru-guru NTT di Jurusan Pendidikan Biologi
- Rustaman, N. Y. 2002. *Perencanaan dan Penilaian Praktikum di Perguruan Tinggi*. Bandung: UPI.
- Rustaman, N., 2002., *Strategi Belajar Mengajar Biologi*, Bandung : UPI
- Rustaman, N., 2003., *Kemampuan Dasar Bekerja Ilmiah dalam Sains*, Makalah Seminar, Bandung : Universitas Pasundan
- Rustaman, N.Y, Dirdjosoemarto, S., Adi Yudianto, S., Achmad, Y., Subekti, R., Rochintaniawati, D., dan Nurjhani, K. M., 2005. *Strategi Belajar Mengajar Biologi*. Malang. UM
- Rustaman, N.Y. 2006. *Penilaian Otentik (Authentic Assessment) dan Penerapannya dalam Pendidikan Sains*. Makalah
- Sagala, S. 2009. *Kemampuan Profesional Guru dan Tenaga Kependidikan*. Bandung : Alfabeta
- Semiawan, C., dkk. 1990. *Prinsip dan Teknik Pengukuran, Penilaian dalam Pendidikan*, Jakarta : PT. Mutiara Sumber Widya
- Stiggins, R.J. 1994. *Student-Centered Classroom Assessment*. New York : Macmillan College Publishing Company
- Subiyanto. 1988. *Pendidikan Ilmu Pengetahuan Alam*. Jakarta : Dirjendikti Depdikbud
- Sukardi. 2008. *Evaluasi Pendidikan Prinsip dan Operasionalnya*. Jakarta : Bumi Aksara
- Sumantri, M. dkk. 2001. *Strategi Belajar Mengajar*. Jakarta : CV Maulana
- Sumantri, Y. 1989. *Evaluasi Penggunaan Peralatan Laboratorium di FPTK IKIP Bandung*. Laporan Penelitian. IKIP Bandung
- Suparno, P. 1997. *Filsafat Konstruktivisme dalam Pendidikan*. Yogyakarta : Kanisius
- Surapranata, S. 2009. *Analisis, Validitas, Reliabilitas dan Interpretasi Hasil Tes*. Bandung : PT Remaja Rosdakarya
- Syah, M. 2003. *Psikologi Belajar*. Jakarta : PT Raja Grafindo Persada
- Ajat Sudrajat, 2013  
Pengembangan Perangkat Asesmen Kompetensi Praktikum Kimia Analitik Dasar Berbasis Task With Student Direction (Twsd) Bagi Mahasiswa Calon Guru  
Universitas Pendidikan Indonesia | repository.upi.edu

- Tarrant, M., Ware, J., Mohammed, A.M. 2009. An Assessment of Functioning and Non-functioning Distractors in Multiple-Choice Questions : A Descriptive Analysis. *BMC Medical Education*. 9 : 40
- Utomo, Tjipto & Ruijter, K. 1989. *Peningkatan dan Pengembangan Pendidikan*. Jakarta : PT Gramedia
- Vossen, H. 1986. *Kompendium Didaktik Kimia*, Bandung : Remaja Karya
- Werdhiana, I. K., 2009. Pengembangan Asesmen Untuk Mengukur Pemahaman Konsep Fisika Siswa SMA. *Disertasi*. UPI (tidak diterbitkan)
- Wiggins, G. 1984. "A True Test : Toward More Authentic and Equitable Assessment". *Phi Delta Kappan*. 70. (9) 703-713
- Winkel, W.S. 1996. *Psikologi Pengajaran*. Jakarta : PT Grasindo
- Witteck, Torsten., Most, Bettina., Kienast, Stephan., and Eilks, Ingo. 2007. A Lesson Plan on "Methods of Separation Matter" Based on The Learning Company Approach – A Motivation Frame for Self-Regulated and Open Lab-work in Introductory Secondary Chemistry Lesson, *Chemistry Education Research and Practice*, 8 (2), 108 – 119.
- Wolf, A. 1995. *Competence-Based Assessment*. Buckingham : Open University Press
- Woods, D. R., 1996, *Problem Based Learning, especially in the Context of Large Classes*. <http://www.chemeng.mcmaster.ca/pbl/pbl.htm>. Diakses tanggal 20 Juni 2011
- Yasophat S, 1986, Perbedaan Pengaruh Kegiatan Laboratorium Inkuiri Terbimbing dan Kegiatan Laboratorium Verifikasi Terhadap Hasil Belajar Siswa dalam Pengajaran IPA, *Tesis*, PPS IKIP Bandung
- Zainul, A & Nasoetion. 1997. *Penilaian Hasil Belajar*. Jakarta : Dirjen Dikti
- Zainul, A. 2001. *Alternative Assessment*. Jakarta : PAU-PPAI Dediknas
- Zimmaro, D. M. 2003. *Test Item Analysis & Decision Making*. Texas : Center for Teaching and Learning
- Zimmaro, D. M. 2010. *Writing Good Multiple-Choice Exams*. Texas : Center for Teaching and Learning

**Ajat Sudrajat, 2013**

Pengembangan Perangkat Asesmen Kompetensi Praktikum Kimia Analitik Dasar Berbasis Task With Student Direction (Twsd) Bagi Mahasiswa Calon Guru  
Universitas Pendidikan Indonesia | repository.upi.edu