

## DAFTAR PUSTAKA

- Abed, E. R., and Al-Absi, M. M., (2015), Content Analysis of Jordanian Elementary Textbooks during 1970-2003 as Case Study, *International Education Studies* 8(3): 159-166.
- Abidin, Y., (2014) *Desain Sistem Pembelajaran dalam Konteks Kurikulum 2013*, Penerbit Refika Aditama, Bandung.
- Albers, C., (2009), Teaching: From Disappointment To Ecstasy, *Teaching Sociology*; 37(3): 269-282.
- Arends, R.I & Kilcher, A.,(2007),*Teaching for student learning: becoming an accomplished teacher*. New York: Published in the Taylor & Francis e-Library
- Arsyad, A., (2010), *Media Pembelajaran*, Jakarta: Raja Grafindo Persada
- Baharuddin, (2010), *Teori Belajar dan Pembelajaran*, Yogyakarta: Ar Ruzz Media
- Belawati, (2003), *Pengembangan Bahan Ajar*, Jakarta Pusat Penerbitan Universitas Terbuka
- Carter, J. L., and Mayer, W. V., (1988), Reading Beyond the Textbook:Great Books of Biology, *Bioscience*38(7): 490-493.
- Chambliss, M. J., (2001), Analyzing Science Textbook Materials to Determine how “Persuasive” They Are, *Theory into Practice* 40(4): 255-264.
- Chang, R., (2005), *Kimia Dasar Konsep-konsep Inti Edisi Ketiga Jilid 1*, Erlangga: Jakarta.
- Depdiknas, (2008), *Panduan Pengembangan Bahan Ajar*, Jakarta: Depdiknas
- Dimiyati & Mudjiono. (2010) *Belajar Dan Pembelajaran*, Jakarta : Rineka Cipta
- Edginton, A., dan Holbrook, J., (2010), A Blended Learning Approach to Teaching Basic Pharmacokinetic and the Significance of Face-to-Face Interactin, *American Journal of Pharmaceutical Education*; 74(5): 1-11
- Furgon, (2009), *Kriteria Bahan Ajar* tersedia di <http://www.teknologipendidikan.co.cc>). Diakses pada hari Minggu,26 September 2010
- Garnett, P., Oliver, R., & Hackling, M., (1998), Design interactive multimedia materials to support concept development in beginning chemistry classes. In T. Chan, A. Collins, & J. Lin (Eds.), *Global education on the Net: Proceedings of the 6th International Conference on Computer in Education* (pp. 141–144). Beijing: China Higher Education Press, and Heidelberg: Springer Verlag.

- Gooding, J. J., Yang, W. R., and Situmorang, M., (2001), Bioanalytical Experiments for the Undergraduate Laboratory: Monitoring Glucose in Sport Drinks, *Journal of Chemical Education* **78(20)**: 788-790.
- Goto, K., Pelto, H., Pelletier, d.l., dan Tiffani, J.S., (2010), "It Really Openend My Eyes" The Effets On Youth Peer Education Of Participating in An Reasearch Project, *Human Organization*; **69(2)**: 192-200.
- Greene dan Petty, (1981), *Developing Language Skill in The Elementry Schools*, Alyn and Bacon Inc, Boston, 504-2.
- Hackbarth, S. (1996). *The educational technology handbook: A comprehensive Guide*. Englewood Cliffs: Educational Technology Publication, Inc.
- Hairina, (2015), *Pengembangan Bahan Ajar Kimia Interaktif Berbasis Web Pada Materi Larutan Asam Basa*, Thesis, Pascasarjana, Unimed, Medan
- Hamalik, O., (2007). *Kurikulum dan Pembelajaran*. Bandung: PT Remaja Rosdakarya
- Hamalik, O., (2010), *Proses Belajar Mengajar*, Jakarta : PT Bumi Aksara
- Holliday, W.G., (2002), Selecting A Science TextBook, *Science Scope*, **25(4)**: 16
- Isjoni., (2011), *Pembelajaran Kooperatif Meningkatkan Kecerdasan Komunikasi antar Peserta Didik*. Pustaka Pelajar, Yogyakarta.
- Jippes, E., Van Engelen, J.M. L., Brand, P.L.P., dan Qudkerk, M., (2010), Competency-Based (CanMEDS) residency training programe in radiology: systematic design procedure, curriculum and succes factors, *Eur Radiol*, **20(4)**: 967-977.
- Jungnickel, P.W., Kelley, Hammer, D.P., Haines, S.T., dan Marlowe , K.F., (2009), Addressing Competencies for the Future in the Professional Curriculum, *American Journal of Pharmaceutical Education* **73(8)**: 1-15.
- Kemdikbud., (2013), *Bahan Sosialisasi Kurikulum 2013*, Depdiknas, Jakarta.
- Khodariyah, N., (2010), *Analisis Kesalahan Konsep Tentang Larutan Buffer Pada Siswa SMA Kelas XI IPA SMA Negeri 2 Bontang Dan SMA YPK Bontang Serta Upaya Memperbaikinya Dengan Menggunakan Strategi Konflik Kognitif*, Program Studi Pendidikan Kimia, Program Pascasarjana, Universitas Negeri Malang.
- Kurniasih, I., dan Berlin, S., (2014), *Panduan Membuat Bahan Ajar Buku Teks Pelajaran Sesuai dengan Kurikulum 2013*, Surabaya: Kata Pena
- Lee, A.D., Green, B.N., Johnson, C.D dan Nyquist, J., (2010), how to Write a Scholarly Book Review for Publication in a Peer-Reviewed Journal a Review of the Literature, *The Journal of Chiropractic Education*, **24(1)**: 57-59.

- Machtmes, K., Johnson, E., Fox, J. Dan Burke, M.S., (2009), Teaching Qualitative Research Methods Through Service-Learning, *The Qualitative Report***4(1)**: 155-165.
- Marjan, Johari, I.B. Arnyana, I.GA. Nyoman Setiawan (2014), *Pengaruh Pembelajaran Pendekatan Saintifik Terhadap Hasil Belajar Biologi dan Keterampilan Proses Sains Siswa MA* . Universitas Pendidikan Ganesa Singaraja. **Vol: 4**, No 1.
- Mayer, M. J. (1996). *Multimedia in the classroom*. Boston: Allyn and Bacon.
- Mihardi, S., Harahap, M.B., dan Sani, R.A., (2013), The Effect of Project Based Learning Model With KWL Worksheet on Student Creative Thinking Process in Physic Problem, *Journal of Education And Practice*, **4(25)**: 188-200.
- Montelongo, J.A., dan heter, R.J., (2010), Using Tecnology to Support Expository Reading and Writting in Science Classes, *Science Activities*, **47**: 89-102.
- Muchtar, Z., dan Harizal, (2012), Analyzing of Student Misconception on Acid-Base Chemistry at Senior High Schools in Medan, *Journal of Education and Pactice*, **3(15)**: 65-74.
- Mulyasa, E., (2007), *Kurikulum Tingkat Satuan Pendidikan*, Rosdakarya, Bandung.
- Munir, R., (2008), "*Belajar Ilmu Kriptografi* ", Penerbit Andi, Yogyakarta
- Mustofa, (2010), *Analisis Pemahaman Konseptual Dan Pemahman Algoritmik Mateeri Larutan Asam-Basa-Buffer, Dan Larutan Garam Siswa Kelas XI SMA Negeri 3 Mojokerto Serta Upaya Perbaikannya Dengan Pendekatan Mikroskopik*, Program Studi Pendidikan Kimia, Program Pascasarjana, Universitas Negeri Malang.
- Nashar, (2004), *Peranan Motivasi dan Kemampuan awal dalam kegiatan Pembelajaran*. Jakarta: Delia Press.
- Novita, L., (2015), *Pengembangan Buku Ajar Kimia Inovativ SMA/MA Kelas XI Semester 2 Menggunakan Model Pembelajaran Project Based Learning (PjBL) Berdasarkan Kurikulum 2013*, Thesis, Pascasarjana, Unimed, Medan.
- Nugraha, D.A., (2013), Pengembangan Bahan Ajar Reaksi Redoks Bervisi SETS Berorientasi Konstruktivistik, *Journal of Innovative Science Education***2(1)**:**28**.
- Philips, R. (1997). *A practical guide for educational applications*. London: Kogan Page limited.
- Prastowo, A., (2011), *Panduan Kreatif Membuat Bahan Ajar Inovatif*, Diva Press, Jogjakarta

- Ratnawati, B., Silaban, R., Eddiyanto, (2014), Analisis dan Pengembangan Buku Ajar Kimia Kelas X Semester I SMK Farmasi Sesuai KTSP, *Jurnal Pendidikan Kimia*, **6(1)**: 1-10
- Rusman, (2010), *Model-Model Pembelajaran*, Depok: PT Rajagrafindo Persada
- Sadirman, S. A., Rahardjo, R., Haryono, A., dan Rahardjito., (1986), *Media Pendidikan: Pengertian, Pengembangan dan Pemanfaatannya*, Raja Grafindo Persada, Jakarta.
- Sadiman, S. A., (2003), *Media Pendidikan*, Raja Grafindo Persada, Jakarta.
- Saefuddin, A., (2014), *Pembelajaran Efektif*, Pt Remaja Rosdakarya, Bandung.
- Sanjaya, W., (2008), *Strategi Pembelajaran Berorientasi Standar Proses Pendidikan*, Prenada Media, Jakarta.
- Sardiman, A. M., (2007), *Interaksi dan Motivasi Belajar Mengajar*, Raja Grafindo Persada, Jakarta.
- Silitonga, L.L., dan Situmorang, M., (2009), Efektifitas Media Audivisual Terhadap Peningkatan Prestasi Belajar Siswa Pada Pengajaran Sistem Koloid, *Journal Pendidikan Kimia* **1(1)**: 1-9
- Simatupang, N.I., and Situmorang, M., (2013), Innovation of Senior High School Chemistry Textbook to Improve Students Achievement in Chemistry, *Proceeding of The 2<sup>nd</sup> International Conference of the Indonesian Chemical Society 2013 October, 22-23<sup>th</sup> 2013*, pp. 44-52.
- Sitepu, B.P., (2005), Memilih Buku Pelajaran, *Jurnal Pendidikan Penabur*, **No.04/Th.IV/ Juli**, hal.120.
- Situmorang, M., (2004), Inovasi Model-Model Pembelajaran Bidang Sains Untuk Meningkatkan Prestasi Belajar Mahasiswa, *Prossiding Konasvi V Surabaya tahun 2004*, <http://prosiding.unesa.ac.id/download/konaspi-unesa-v/146.pdf>
- Situmorang, M., Sinaga, M., Tarigan., D.A., Sitorus, C.J., dan Tobing, A.M.L., (2010), *The Affectivity of Innovated Chemistry Learning Methods to Increase Student's Achievement in Teaching of Solubility and Solubility Product*, **17(1)**: 29-37
- Situmorang, M., dan Saragih, N., (2012), Pengembangan Modul Pembelajaran Kimia SMA Melalui Inovasi dan Integrasi Pendidikan Karakter Untuk Mempersiapkan Sumberdaya Berkarakter Menghadapai Persaingan Global, *Jurnal Litjak* (In Press).
- Situmorang, M., (2013), Pengembangan Buku Ajar Kimia SMA Inovasi Pembelajaran dan Integrasi Pendidikan Karakter Untuk Meningkatkan Hasil Belajar Siswa. *Prosiding Seminar Dan Rapat Tahunan BKS PTN Barat BKS PTN Barat di universitas Lampung*, Tgl 10-12 Mei 2013, pp. xx-xx.

- Situmorang, M., dan Munthe, L.B., (2015), Pengembangan Media Pembelajaran Untuk Meningkatkan Hasil Belajar Pada Pengajaran Radioisotop, *Prosiding Seminar Dan Rapat Tahunan BKS PTN Barat Bidang MIPA di Tanjungpura Pontianak*, Tgl 6-9 Mei 2015, pp. xx-xx.
- Situmorang, M., Sinaga, M., Tarigan., D.A., Sitorus, C.J., dan Tobing, A.M.L., (2010), *The Affectivity of Innovated Chemistry Learning Methods to Increase Student's Achievement in Teaching of Solubility and Solubility Product*, **17(1)**: 29-37
- Su, D.K., (2007), An Assesment Of Multimedia as Effective Learning Tool: Dynamic Factor in Student Learning Attitude Of General Chemistry, *International Journal Of Media***34** : 38 5 398.
- Sudjana, N., dan Rivai, A., (2001), *Media Pembelajaran*, Sinar Baru Algensindo, Bandung.
- Sugihartono, dkk, (2007), *Psikologi Pendidikan*, Yogyakarta : UNY Press
- Tan, Seng. Chee., and Angela, F. L. Wong., (2003), *Teaching and Learning with Technology: An Asia-Pasific Perspective*, Prentice Hall, Singapura.
- Thomas, J.W., (2000), *A Review Of Research On Project Based Learning*, McInnis Parkway, California
- Tompkins, C.J., Rosen, A.L., dan Larkin, H., (2006), Guest Editorial: An Analysis Of Social Work Textbooks For Aging Content: How Well Do Social Work Foundation Texts Prepare Students For Our Aging Society?, *Journal of Social Work Education***42(1)**: 3-24.
- Viridi, S., (2011), Editorial: Inovasi dalam Pembelajaran dengan Cerita, *Jurnal Inovasi Pembelajaran Sains***1(1)**:1-2
- Yore, L. D., Bisanz, G. L., and Hand, B. M., (2003), Examining the Literacy Component of Science Literacy: 25 Years of Language and Science Research. *International Journal of Science Education*, **25(6)**: 689-725.
- Zevenbergen, R.J., Grootenboer, P., and Sullivan, P., (2010), Good Learning = A Good Life: Mathematics Transformation in Remote Indigenous Communities, *Australian Journal of Social Issues*; **45(1)**: 131-145.