

## REFERENCES

- Arikunto, S., (2016), *Prosedur Pendidikan*, Rineka Cipta, Jakarta
- Arlitasari, O., Pujayanto, and Budiharti, R., (2013), Pengembangan bahan ajar IPA Terpadu Berbasis SALINGTEMAS dengan Biomassa Sumber Energi Alternatif Terbarukan, *Jurnal Pendidikan*, 1 No.1:81-89
- Borg, W.R, and Gall, M.D.1989. *Educational Research: An Introduction, Fifth Edition*, Longman, New York.
- Creghan, Casey, (2015) The Positive Impact of Project-Based Learning on Attendance of an Economically Disadvantaged Student Population: A Multiyear Study, *The Interdisciplinary Journal of Problem-based Learning*, Vol 9
- Dick, W., and Carey.J.O. 2001. *The Systematic Design of Instruction*. Addison-Wesley Educational Publisher Inc.
- Fontana, A., (2009), *Innovative We Can!*, PT. Gramedia, Jakarta.
- Halyna, Oksana., and Lesia, (2018) Innovation of Education and Educational Innovations in Conditions of Modern Higher Education Institution, *Journal Of Vasyl Stefanyk Precarpathian National University*, Vol 5, No.1:9-16
- Hamdani., (2010), *Strategi Belajar Mengajar*, Pustaka Setia, Bandung.
- Iskandar, R., dan Raditya, A., (2017), *Pengembangan Bahan Ajar Project-based Learning Berbantuan Scratch*, *Jurnal Seminar Nasional Matematika dan Aplikasinya*
- Malawati, Ratna dan Sahyar., (2016), Peningkatan Keterampilan Proses Sains Mahasiswa Dengan Model Project Based Learning Berbasis Pelatihan Dalam Pembelajaran Fisika, *Jurnal Pendidikan Fisika*, 5(1): 58-63.
- Majid, A. (2011). *Perencanaan Pembelajaran dan Mengembangkan Standar Kompetensi Guru*. Bandung: PT Remaja Rosdakarya.
- Millah, E. S, Budipramana, L.S and Isnawati ., (2012), Development of Textbook of Biotechnology Material In Class XII SMA IPIEMS Surabaya Oriented Science Technology, Environment and Society (SETS) , *Electronic Journal Bioedu*, 1(1), 19-24

- Parulian, H.G., and Situmorang, M., (2013), Inovasi Pembelajaran Siswa di dalam Buku Ajar Kimia Untuk Meningkatkan Hasil Belajar Siswa, *Jurnal Penelitian Bidang Pendidikan*, 19(2): 67-78
- Pasca, A., (2016), *Innovating Education and Educating for Innovation, The Power of Digital Technologies and Skills*, OECD Publishing, Paris.
- Redding, Janet, and Marilyn, (2013), *What is an Innovation in Learning?*, Handbook on Innovations in Learning pp.3-14, Philadelphia.
- Rogers, Everett, and F, Floyd Shoemaker, (1987), *Memasyarakatkan ide-ide baru*, Terjemahan Abdillah Hanafi, Usaha Nasional, Surabaya.
- Sa'ud., Udin, (2009), *Inovasi Pendidikan*, Alfabeta, Bandung.
- Silitonga, P.M (2011), *Metodologi Penelitian*, Medan, FMIPA UNIMED
- Simatupang, N. I., Situmorang., and Silaban, R., (2013), *Pengembangan bahan Ajar Kimia Inovatif untuk SMA/MA kelas X semester II*, Thesis, FMIPA, Unimed, Medan
- Sinaga, M., Situmorang, M, (2006), Efektifitas Inovasi Pembelajaran Untuk Meningkatkan Prestasi Belajar Mahasiswa Pada Mata Kuliah Kimia Analitik II, *Jurnal penelitian bidang pendidikan*.
- Situmorang, M., Suci, D., and Sudrajat, A., (2018), The Development of Innovative Learning Material with Integration of Project and Multimedia for Teaching of Gravimetry, *Advances in Social Science, Education and Humanities Research*; Vol. 200, Published by Atlantis Press
- Situmorang, M.; Sinaga, M.; Tarigan, D.A., Sitorus, C.J., and Tobing, A.M.L., (2011), The Affectivity of Innovated Chemistry Learning Methods to Increase Students' Achievement in Teaching of Solubility and Solubility Product, *Jurnal Penelitian Bidang Pendidikan*
- Situmorang. M., (2013), Pengembangan Buku Ajar Kimia SMA melalui Inovasi Pembelajaran dan Integrasi Pendidikan Karakter Untuk Meningkatkan Hasil Belajar Siswa, *Prosiding Seminar dan Rapat Tahunan BKS PTN-Bidang MIPA di Bandar Lampung*, Tanggal 10-12 Mei 2013, Pg 237
- Sugiyono, (2010), *Metode Penelitian Pendidikan Kuantitatif, Kualitatif dan RAD*, Alfabeta, Bandung

Thomas JW, 2000. "A Review of Research on Project Based Learning".  
*Journal The Autodesk Foundation* 111 McInnis Parkway San Rafael,  
California 94903.

Wena, M., (2013), *Strategi Pembelajaran Inovatif Kontemporer*, Bumi Aksara,  
Jakarta

Yusfiani, M., and Situmorang, M., (2011), Pengembangan dan standarisasi buku  
Ajar Kimia SMA/MA kelas XII Semester I berdasarkan Standar Isi KTSP,  
*Jurnal Penelitian bidang Pendidikan*, Volume 17(1): 36-45



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