

**DAFTAR PUSTAKA**

- Amien, M., (1990), Pemetaan Konsep : Suatu Teknik Untuk Meningkatkan Belajar yang Bermakna, *Mimbar Pendidikan 2*: 55-69.
- Ardiansyah., (2016), Analisis Miskonsepsi Kimia dengan Metode Three-Tier Test Pada Siswa SMA Kelas X Di Kota Medan, *Tesis*, Universitas Negeri Medan, Medan.
- Ashadi., (2009), *Kesulitan Belajar Kimia Bagi Siswa Sekolah Menengah*, (Online), [http://pustaka.uns.ac.id/include/inc\\_pdf.php?nid=198](http://pustaka.uns.ac.id/include/inc_pdf.php?nid=198), disampaikan pada pengukuhan guru besar Universitas Negeri Semarang, diakses 20 Desember 2016.
- Berg, E.V., (1991), *Miskonsepsi Fisika dan Remediasi*, Universitas Kristen Satya Wacana, Salatiga.
- Bukit, I., (2011), Identifikasi Miskonsepsi Guru Biologi pada Materi Respirasi dan Fotosintesis di SMA Se-Kota Medan, *Tesis*, Universitas Negeri Medan, Medan.
- Caleon, I., Subramaniam, R., (2009), Development and Application of a Three-Tier Diagnostic Test to Assess Secondary Students Understanding of Waves, *International Journal of Science Education*, 32 :939-961.
- Chandrasegaran, A. L, David F. Treagust, dan Mauro Mocerino., (2007), The Development of a Two-Tier Multiple-Choice Diagnostic Instrument For Evaluating Secondary School Students' Ability to Describe and Explain Chemical Reactions Using Multiple Levels of Representation, *Chemistry Education Research and Practice*, 293- 307.
- Dahar, R.W., (1985), Kesiapan Guru Mengajar Sains di Sekolah Dasar Ditinjau dari Pengembangan Keterampilan Proses Sains, *Disertasi Doktor FPS IKIP*, IKIP Bandung.
- Dahlia, C., (2011), Analisis Kesulitan Pemahaman Materi Larutan Penyangga Pada Siswa Kelas XI Regular dan Kelas XI RSBI SMA Negeri 1 Kudus. *Under Graduates Thesis*, Universitas Negeri Semarang.

- Darsono, M., (2000), *Belajar dan Pembelajaran*, IKIP Semarang Press, Semarang.
- Hasan, S., Bagayoko, D., and Kelly, E.L., (1999), Misconception and the Certainty of Response Index (CRI), *Physical Education*, 34(5): 294-299.
- Herwanti, K., (2014), Model Supervisi Pengajaran Kimia SMA Berbasis Kompetensi Profesional (SPK-SMA-BKP), *Prosiding Seminar Nasional Sains dan Pendidikan Sains IX*, 1 (4) : 446.
- Hewindati, Y.T., dan Suyanto, A., (2004), Pemahaman Konsep IPA di Sekolah Dasar, *Jurnal Pendidikan*. 1 (5): 61-72.
- Kean, Elizabeth dan Katherine Middlecamp., (1994), *Panduan Belajar Kimia Dasar*, Gramedia, Jakarta.
- Kim-Cwee Daniel Tan , Keith S. T., Ngoh K.G., dan Lian S.C., (2005), The Ionisation Energy Diagnostic Instrument: a Two-Tier Multiple Choice Instrument to Determine High School Students' Understanding of Ionisation Energy, *Chemistry education Research and Practice*, 180-197.
- Kurniawan, Y., dan Suhandi, A., (2015), The Three-Tier Test for Identification The Quantity of Student's Misconception on Newton's First Laws, *GTAR-2015 Full Proceeding*, (2): 313-319.
- Kusumaningrum, L., Sri Y., dan Agung Nugroho C.S., (2014), Pengembangan Instrumen Tes Diagnostik Kesulitan belajar Kimia SMA Kelas XI Semester I Menggunakan Model Teslet, *Jurnal Pendidikan Kimia*, 4 (4) : 37-38.
- Mentari, L., I Nyoman S., dan I Wayan S., (2014), Analisis Miskonsepsi Siswa pada Pembelajaran Kimia Untuk Materi Larutan Penyangga, *E-journal kimia visvitalis*, 2 : 76.
- Mutlu, A., dan Sesen, B.A., (2015), Development of Two-Tier Diagnostis test to Assess Undegraduates Understanding of Some Chemistry Concepts, *Prosedia-social and Behavioral Science*, 174 : 629-635.
- Novak, J.D., dan Gowin, D.B., (1984), *Learning How to Learn*, Cambridge University Press, Cambridge.
- Nurhujaimah, R., Irma, R.K, dan Mukhtiningsih N., (2016), Analisis Miskonsepsi Siswa Kelas XI SMA Pada Materi Larutan Penyangga Menggunakan

Instrumen Tes Three Tier Multiple Choice, *Jurnal penelitian pendidikan*, **19** : 15.

Orgill, M., dan Sutherland, A., (2008), Undergraduate Chemistry Students' Perception of and Misconception about Buffer and Buffer Problems. *Chemistry Education Research and Practice*, **9** : 131-143.

Osborne,R., Cosgrove,M., (1983), Students Conceptions of The Changes of States of Water, *Journal of Research in Science Teaching*, **20** : 825-838.

Oxtoby, David.W., (2001), *Prinsip-Prinsip Kimia Modern Edisi Keempat Jilid I*, Erlangga, Jakarta.

Petrucci, Ralph H., (1985), *Kimia Dasar Prinsip dan Terapan Modern Edisi Keempat Jilid 2*, Erlangga, Jakarta.

Pujayanto., (2007), Miskonsepsi IPA (Fisika) Pada Guru SD, *Jurnal Materi dan Pembelajaran Fisika*, **1 (1)**:22-24.

Silaloho., (2007), Analisis Kesalahan Siswa Dalam Memahami Konsep Larutan Buffer pada Tingkat Makroskopis dan Mikroskopis, *Jurnal Entropi* ,**1 (8)**.

Suparno, P., (2005), *Miskonsepsi dan Perubahan Konsep Pendidikan Fisika*, Gramedia, Jakarta.

Syukri, S., (1999), *Kimia Dasar 2*, Penerbit ITB, Bandung.

Treagust, D.F., (1988), Development and Use of Diagnostic Test to Evaluate Students Misconception in Science. *International Journal of Science*, **10 (2)** : 159-169.

Tsui,C.Y., dan Treagust, D.F., (2010), Evaluating Secondary Student Scientific Reasoning in Genetic Using a Two-Tier Diagnostic Instrument, *International Journal of Science Education*, **32 (8)** : 1073-1098.

Tuysuz ,C., (2009), Development of Two-Tier Diagnostic Instrument and Assess Student's Understanding In Chemistry, *Scientific Research and Essay*, **4 (6)** : 626-631.

Utami, B, *dkk.*, (2009), *Kimia*, Pusat Perbukuan Departemen Pendidikan Nasional, Jakarta.

Wang, J.R., (2004), Development and Validation of Two Tier Instrumen to Examine Understanding of Internal Transport in Plants and The Human Circulation System, *International Journal of Science and Mathematics Education*, 4 : 136.

Zeilik., (1998), Conceptual Diagnostic Test, *Article of Department Physics and Astronomy*, University of New Mexico.



THE  
*Character Building*  
UNIVERSITY