

### Daftar Pustaka

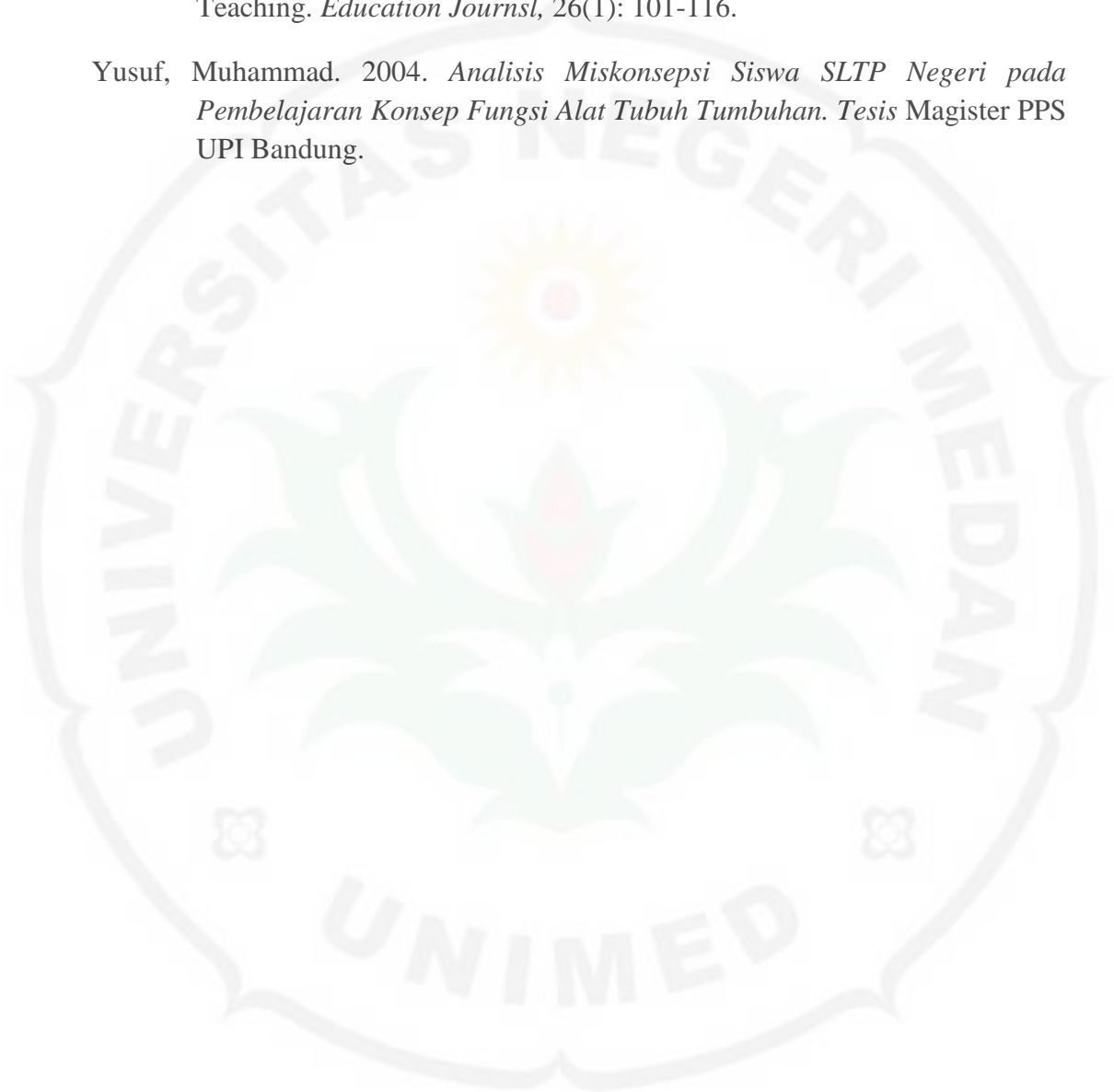
- Amien, M. 1990. Pemetaan konsep: Suatu Teknik untuk Meningkatkan Belajar yang Bermakna. *Mimbar Pendidikan*, 2 (9): 55-69.
- Berg, E. V. 1991. *Miskonsepsi Fisika dan Remediasi*. Salatiga: UKSW.
- Boo, H. K., Ang, K. C. 2004. Teachers' misconceptions of science as revealed in science examination papers. *Annual Conference of the Educational Research Association*, Singapore.
- Chen, C. C., Lin, H. S., & Lin, M. L. 2002. Developing a Two-Tier Diagnostic Instrument to Assess High School Students' Understanding-The Formation of Images by a Plane Mirror. *Proceeding Natl. Science Council*, 12: 106-121.
- Clement, J. 1982. Student Preconception in Introductory Mechanics. *American Journal of Physics*, 50: 66-71.
- Dahar, R.W. 1996. *Teori-teori Belajar*, Jakarta: Erlangga
- Dikmenli, M. 2010. Misconceptions of cell division held by student teachers in biology : A Drawing analysis. *Scientific Research and Essays* 5(2): 235-247.
- Dinas Pendidikan Kota Langsa. 2013. Daftar Nama-nama Sekolah dan Jumlah Siswa di Wilayah Kota Langsa
- Deshmukh, N.D. 2009. A Study of students' and teachers' misconceptions in biology at the secondary school level. Proceedings of the International Conference entitled "*Intercultural Education*". Published by The Hellenic Migration Policy Institute, Greece. ISBN: 978-960-98897-0-4.
- Deshmukh, N.D., & Deshmukh, V.M. 2007. A study of students' misconceptions in biology at the secondary school level. Proceedings of *epiSTEME-2: An International Conference to Review Research on Science, Technology and Mathematics Education*. Delhi, India: Macmillan India Ltd.
- Djohar. 1993. *Analisis hubungan antara konsep dengan unsure-unsur penyusunannya sebagai pendekatan untuk deskripsi kesulitan memahami konsep dan proses konseptualisasi Bidang Ilmu Pengetahuan Alam (Sains)*, Yogyakarta: FMIPA IKIP.

- Ekici, F. & Ekici, E. 2007. Utility of Concept Cartoons in Diagnosing and Overcoming Misconception Related to Photosynthesis. *International Journal of Environmental & Science Education*, 2 (4): 111-124.
- Fisher, K.M. 1985. A misconception in biology: amino acids and translation, *Journal Research Science Teaching*. 22: 53-62.
- Fowler, M. 1998. Projectile motion. Retrieved 1.7.2..2 from *The Word Wide Web* [http://www.phys.virginia.edu/classes/109N/more\\_stuff/Applets/ProjectileMotion/applet.html](http://www.phys.virginia.edu/classes/109N/more_stuff/Applets/ProjectileMotion/applet.html). diakses 15 Maret 2013.
- Hidayati. F. 2010. *Kajian kesulitan belajar siswa kelas VII SMP Negeri 6 Yogyakarta dalam mempelajari aljabar*. Skripsi, Yogyakarta: FMIPA UNY
- Helm, Hugh, & Joseph D. Novak. 1983. *Proceedings of the International Seminar on Misconceptions in Science and Mathematics*. Ithaca, New York: Cornell University, ED
- Ivowi, U.M.O. & Uludotun, J.S.O. 1987. An investigation of resources of misconception in physics. Dalam Novak, J.D. (Ed). *Proceeding of the second international seminar misconception and educational and strategies in science and mathematics*. Vol.3. Ithaca, New York: Cornell University.
- Jailani. 2008. Model Pembelajaran Sains Menurut Pandangan Konstruktivisme. *Jurnal Pendidikan Serambi Ilmu*, 6 (1): 1-7.
- Kara, Y., Yesilyurt. 2008. Comparing the impact tutorial and edutainment software program on students' achievement, misconception, and attitudes toward biology. *Journal Science Education and Technology*, 17: 32-41.
- Kindfield, A.C.H. 1991. *Confusing chromosome number and structure : Acommon student error*. *Journal Biology. Education*. 25(3): 193-200.
- Kumaedi. (2000). *Analisis Miskonsepsi Siswa Madrasah Aliyah Negeri pada Pembelajaran Pembentukan Bayangan oleh Cermin Datar, Cembung dan Cekung*. Tesis Magister PPA UPI Bandung.
- Kose, S. 2008. Diagnosing student misconception: using drawings as a research method. *Word Applied Sciences Journal*, 3(2): 283-293.
- Klymkowsky, M., Taylor, R., Spindler, S. & Doxas, R. 2006. Two-Dimensional, Implicit Confidence Test as a Tool for Recognizing Student Misconceptions. *Journal of College Science Teaching*.

- Novak, J.D. & Canas. A. 2004. Building on new constructivist ideas and cmap tools to create a new model for education. *Proceedings of the First Int. Conference on Concept Mapping*, Pamplona, Spain. 1<sup>st</sup> June.
- Osborne, R. J., & Wittrock, M. 1983. *Learning science: A generative process. Science education*. 67(4): 489-508.
- Pabucu, A., & Geban, O. 2006. Remediating misconceptions concerning chemical bonding through conceptual change text. *HU Journal of Education*, 30: 184-192.
- Raisah. 2000. *Analisis Miskonsepsi Siswa Madrasah Aliyah tentang Konsep Reproduksi Sel*. Tesis Magister. PPS UPI Bandung.
- Sadia, 1996. *Pengembangan model belajar konstruktivis dalam pembelajaran IPA di SMP. (Suatu studi eksperimental dalam pembelajaran konsep energy, usaha, dan suhu di SMP Negeri Singaraja)*. Disertasi pada program pascasarjana IKIP Bandung.
- Suparno, P. 2005. *Miskonsepsi & Perubahan Konsep Pendidikan Fisika*. Jakarta : Grasindo.
- Suryanto, A. & Hewindawati, Y. 2004. Pemahaman Murid Sekolah Dasar terhadap Konsep IPA Berbasis Biologi: Suatu Diagnosis Adanya Miskonsepsi. *jurnal Pendidikan*, 5(1): 61-72.
- Turkmen, H. 2006. What technology plays supporting role in learning cycle approach for science education, *The Turkish Online Journal of Educational Technology*, 5: 71-76.
- Tekkaya, C. 2002. Misconceptions as barrier to understanding biology. *Journal of Hacettepe University Education Faculty*, 23: 259-266.
- Trowbridge, J. E. & Mintzes, J.J. 1988. Alternative Conception in Animals Classification: A. Cross-Age Study. *Journal of Research in Science Teaching*, 25: 547-571.
- Van Den Berg, Euwe. 1991. *Miskonsepsi Fisika dan Remediasi*. Salatiga : Universitas Kristen Satya Wacana.
- Viridi, S. 2008. *Miskonsepsi dalam Fisika*. Loka karya Pembina Olimpiade Sains Bidang Fisika Basic Science Center A, Institut Teknologi Bandung, 16-17 Juli 2008.
- Winahyu, E. 2007. Perkembangan sains: suatu telaah atas pendekatan paradigma baru. *Jurnal Ilmu Hukum*, 10: 68-86.

Yip, D. Y. 1998. Alternative Conceptions on Excretion and Implications for Teaching. *Education Journsl*, 26(1): 101-116.

Yusuf, Muhammad. 2004. *Analisis Miskonsepsi Siswa SLTP Negeri pada Pembelajaran Konsep Fungsi Alat Tubuh Tumbuhan*. Tesis Magister PPS UPI Bandung.



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