

DAFTAR PUSTAKA

- Arifin, M. (2000). *Strategi Belajar Mengajar Kimia Prinsip dan Aplikasinya Menuju Pembelajaran yang Efektif*. Bandung : Jurusan Pendidikan Kimia Fakultas Pendidikan Matematika dan Ilmu Pengetahuan Alam Universitas Pendidikan Indonesia.
- Balci, C. (2006). Conceptual Change Text Oriented Instruction To Facilitate Conceptual Change In Rate Of Reaction Concepts. (Thesis). *Middle East Technical University*.
- Bonello, M. (2008). Sixth Grade Students' Mental Models of Physical Education Concept: A Framework Theory Perspective. (Disertasi). *University of Maryland*.
- Brown, *et al.* (2012). Chemistry The Central Science. USA : Library of Congress Cataloging-in-Publication Data.
- Bungin. B. (2007). *Penelitian Kualitatif Komunikasi, Ekonomi, Kebijakan publik, dan Ilmu Sosial Lainnya*. Jakarta: Kencana Prenada Media Group.
- Chandrasegaran, Treagust, D.F., & Mocerino, M. (2007). The Development of a Two-Tier Multiple-Choice Diagnostic Instrument For Evaluating Secondary School Students' Ability To Describe and Explain Chemical Reaction Using Multiple Levels of Representation. *Chemistry Education Research and Practice* 8, (3), hlm 293-307.
- Chittleborough, G.D. (2002). Constraint to the development of first year University Chemistry students' mental model of Chemical Phenomena. *Teaching and Learning : 2002 Focusing on the Student*. Hlm 1-7
- Chittleborough, Gail D. (2004). Models and Modeling in Science Education Multiple Representation in Chemical Education. *Thesis Doctor Curtin University Australia : tidak diterbitkan*.
- Coll, Richard K. and Neil T. (2002), Mental Models In Chemistry: Senior Chemistry Student's Mental Models of Chemical Bonding. *Journal of Chemistry Education: Research and Practical in Europe*, Vol. 3, No. 2, pp. 175-184.
- Devetak, I., Vogrinc, J., & Glažar, S.A. (2007). Assessing 16-Year-Old Students' Understanding of Aqueous Solution at Submicroscopic Level. Springer : Research Science Education.
- Eriksson, I. V. (2008). *Science Education in the 21th Century*. New York : Nova Science Publisher.
- Gilbert, J. & Treagust, D. (2009). *Multiple Representation in Chemical Education*. Scotland: Springer.

- Gilbert, J.K. (1998). Models and Modelling Routes to More Authentic Science Education. *International Journal of Science and Mathematics Education*, 2, hlm. 115-130.
- Handayani, M.D. (2010). *Implementasi Strategi Pembelajaran Intertekstual Pada Pokok Bahasan Kelarutan dan Tetapan Hasil Kali Kelarutan*. Skripsi Jurusan pendidikan Kimia FPMIPA UPI: tidak diterbitkan.
- Jansoon, N., Coll, R. K., dan Samsook, E. (2009). *Understanding Mental Models of Dilution in Thai Students*. *International Journal of Environmental and Science Education*. 4, (2), 147-168.
- Jatmiko, Arum. (2010). Analisis miskonsepsi Materi Hasil Kali Kelarutan Dan Strategi Pemecahannya Pada Siswa Kelas XI SMA Negeri 1 Boja. Skripsi: Jurusan Kimia FMIPA UNNES : tidak diterbitkan
- Maharani, T.Y., Prayitno, & Yahmin. Menggali Pemahaman Siswa Sma Pada Konsep Kelarutan Dan Hasil Kali Kelarutan Dengan Menggunakan Tes Diagnostik *Two-Tier*. Universitas Negeri Malang : tidak diterbitkan
- Marantika, R.N. (2014). *Profil Model Mental Siswa Pada Penentuan ΔH Reaksi Penetralan Dengan TDM-IAE*. Skripsi Jurusan Pendidikan Kimia FPMIPA UPI: tidak diterbitkan.
- Moleong L.J. (2006). *Metode Penelitian Kualitatif*. Bandung : PT. Remaja Rosdakarya.
- Mayer, J & Land, R. (2003). *Threshold Concepts and Troublesome Knowledge: Linkages to Ways of Thinking and Practising within the Dicipines*. Enhacing Teaching-Learning Environments in Undergraduate Course.
- Nabilah, Andayani, Y., Laksmiwati, D., (2013). *Analisis Tingkat Pemahaman Konsep Siswa Kelas Xi Ipa Sman 3 Mataram Menggunakan One Tier Dan Two Tier Test Materi Kelarutan Dan Hasil Kali Kelarutan*. *Jurnal Pijar MIPA*, Vol. VIII No.2, September, hlm 64 - 69
- Nasution, Efrida. (2012). *Profil Model Mental Siswa dan Guru SMA Pada Materi Ikatan Ion*. Skripsi Jurusan pendidikan Kimia FPMIPA UPI: tidak diterbitkan.
- Okvasari,R. (2014). *Profil Model Mental Siswa Pada Pokok Bahasan Kelarutan dan hasil kali kelarutan*. Skripsi Jurusan pendidikan Kimia FPMIPA UPI: tidak diterbitkan.
- Petrucci, *et al.* (2011) . *General Chemistry Principles and Modern Application Tenth Edition*. USA : Pearson Canada Inc.

- Russell, J. W., Kozma, R. B., Jones, T., Wykoff, J., Marx, N., & Davis, J. (1997). Use of simultaneous synchronized macroscopic, microscopic, and symbolic representations to enhance the teaching and learning of chemical concepts. *Journal of Chemical Education*, 74(3), 330-334.
- Sahputra, A.R., Bella, S.T., & Erlina. (2012). Analisis Pemahaman Konseptua; dan Alogaritmik Materi Kelarutan dan Hasil Kali Kelarutan SMAN 4 Pontianak. Program Studi Pendidikan Kimia FKIP UNTAN : tidak diterbitkan.
- Sendur, G., Toprak, M., Pekmez, E. (2010). "Analyzing of Students' Misconceptions About Chemical Equilibrium." Paper on International Conference on New Trends in Education and Their Implication. Antalya-Turkey.
- Silberberg, M. S. (2007). *Principles of General Chemistry*. Newe York : McGraw-Hill.
- Sirhan, G. (2007). Learning Difficulties in Chemistry: An Overview. *Journal of Turkish Science Education*. 4(2). Hlm 2-20.
- Sukmadinata, N. S. (2010). *Metode Penelitian Pendidikan*. Bandung : PT. Remaja Rosdakarya.
- Talanquer, V. (2011). *Macro, Submicro, and Symbolic: Te many faces of the chemistry "triplet"*. *International Jurnal of Science Education*. Vol. 33, No. 2, 15 January 2011, pp. 179-195
- Tan, K. C. (2000). *Development and Application of a Diagnostic Instrument to Evaluate Secondary Students' Conceptions of Qualitative Analysis*. Thesis Doctor Curtin University of Technology: tidak diterbitkan.
- Treagust, D.F., Chittleborough, dan Mamiala, T. (2003). *Students' Understanding of The Role of Scientific Models in Learning Science*. *International Journal Science Education*. **24**, (4), 397-368.
- Wang, C. Y. (2007). *The Role of Mental Modeling Ability, Content Knowledge, and Mental Models in General Chemistry Students' Understanding About Molecular Polarity*. Columbia: The Faculty of the Graduate School University of Missouri.
- Whitten, K. W., Davis, R. E., Peck, L., dan Stanley. G. S. (2004). *General Chemistry Seventh Edition*. Thomson: Brooks Cole.
- Wiersma, W. dan Jurs, S. G. (2009). *Research Methods in Education, Ninth Edition*. United State o America: Pearson.