



## DAFTAR PUSTAKA

- Agnestisia, R., 2014, Bentonit Termodifikasi Magnetit dan Aplikasinya sebagai Adsorben Hg(II), Tesis, FMIPA, Universitas Gadjah Mada, Yogyakarta.
- Ahmed, M., Donia., Asem, A., Atia, Khalid and Z. Elwakeel., 2008, Selective Separation of Mercury(II) using Magnetic Chitosan Resin Modified with Schiff's Base Derived from Thiourea and Glutaraldehyde, *J. Hazard. Mater.*, 151, 372–379.
- Arisandi, D. M., 2007, Pengaruh Pemanasan dan Jenis Surfaktan Pada Sifat Magnetik Ferrofluida Berbahan Dasar Pasir Besi, *Tugas Akhir*, Institut Teknologi Sepuluh Nopember : Surabaya.
- Arthur, W. A., 1990, *Physical Chemistry of Surfaces*, John Wiley and Sons, Inc California.
- Atkins P.W., 1999, *Kimia Fisik*. Edisi ke-4, Irma IK, penerjemah, Jakarta : Erlangga, Terjemahan dari : Physical Chemistry.
- Brady, James E., 1990, *General Chemistry*, 5<sup>th</sup> edition, John Wiley&Sons, New York, 705.
- Cullity, B. D., 1972, Introduction to Magnetic Materials, *Addison Esley Publishing Company*, London.
- Fisli, A and Yusuf, S., 2007, Sintesis Nanokomposit Magnetik Berbasis Bahan Alam untuk Adsorben Thorium. *Akreditasi LIPI* , Nomor : 536/D/2007.
- Fisli, A., Mujamilah and Sulungbudi, G. J., 2009, Sintesis dan Karakterisasi Nanokomposit Oksida Besi-Bentonit, *Indonesian J. Hazard. Mater.*, ISSN : 1411-1098, Vol. 10, No. 2, 164 – 169.
- Hamsah, D., 2007, Pembuatan, Pencirian dan Uji Aplikasi Nanokomposit Berbasis Montmorilonit dan Besi Oksida, *Skripsi*, FMIPA, Institut Pertanian Bogor, Bogor.
- Ho, Y.S and McKay, 1999, Pseudo-Second Order Model for Sorption Processes, *J. Process Biochemist.*, 34, 451-465.



- Jeong, J. R., Shin, S. C., Lee, S. J and Kim, J. D, 2005, Magnetic Properties of Superparamagnetic  $\gamma$ -Fe<sub>2</sub>O<sub>3</sub> Nanoparticles Prepared by Coprecipitation Technique, *J. Magnetism and Magnetic Mat.*, 286, 5-9.
- Kim, D., 2003, Measurement of Point of Zero Charge of Bentonite by Solubilization Technique and Its Dependence of Surface Potential on pH, *J. Envirom. Eng. Res.* Vol. 8, No.4, pp. 222-227.
- Lagergren, S., 1989, Zur Theorie der Sogenannten Adsorption Geloster Stoffe. Kungliga Svenska Vetenskapsakademiens, *Handlingar*, 24, 1-39.
- Liong, S., A Multifunctional Approach to Development, Fabrication, and Characterizations of Fe<sub>3</sub>O<sub>4</sub> Composite, 2005, *Disertasi*, Gorgia Institut of Technologi.
- Maron, S.H & Prutton, C.F., 1964, *Principles of Physical Chemistry*, The Macmillan Company, New York.
- Oliveira, L.C.A., Rios, R.V.R.A., Fabris, J.D., Sapag, K., Garg, V.K. and Lago, R.M., 2003, Clay – Iron Oxide Magnetic Composites for the Adsorption of Contaminants in Water, *J. Appl. Clay. Sci.*, 22, 169-177.
- Podea, V., Popovici, E., Podea, E and Georgescu, V., 2007, Magnetic Properties Ofan Adsorbent Based on Modified Natural Zeolite, *Revue Roumaine de Chimie*, 52, 983–989.
- Santoso, S. J., Siswanta, D and Rahmanto. W. H., 2007, Hybrid of Chitin and Humic Acid as High Performance Sorbent for Ni(II), *J. Surface Sci.*, 601, 5155-5161.
- Schwertmann, U., and Cornell, R. M., 2000, *Iron Oxides in The Laboratory*, Second Edition. VCH Verlasgesellschaft mbH, Wenheim.
- Sriparya, 2012, Pengembangan Komposit Magnet Bentonit Merangin Jambi sebagai Adsorben Kation Cd<sup>2+</sup>, *Tesis*, FMIPA, Universitas Indonesia, Depok.
- Syuhada., Rahmat W., and Jayatin, S R., 2009, Modifikasi Bentonit (*clay*) menjadi Organoclay dengan Penambahan Surfaktan, *J. Nanosains dan Nanoteknologi*, 2, 1.