

DAFTAR PUSTAKA

- Abdullah, M., Yudistira, V., Nirmin dan Khairurrijal, (2008), Rievew :Sintesis Nanomaterial, *Jurnal Nanosains & Nanoteknologi*, Vol. 1 No. 2 Juli 2008, ISSN 1979-0880
- Abdullah, M., dan Khairurrijal, (2009), Review : Karakterisasi Nanomaterial, *Jurnal Nanosains & Nanoteknologi*, Vol. 2 No. 1, Februari 2009, ISSN 1979-0880
- Aguspur, (2008), <http://aguspur.wordpress.com/2008/10/08/nanoteknologi-pengenalan/> (diakses tanggal 27 Oktober 2015)
- Ardiansyah, A., dan Wahyuni, S., (2015), Sintesis Nanosilika Dengan Metode Sol-Gel Dan Uji Hidrofobitasnya Pada Cat Akrilik, *Indo. J. Chem. Sci.* **4** (3) (2015) ISSN NO 2252-6951
- Awizar, D.A., Othman, N.K., Jalar, A., Daud, A.R., Rahman, I.A., dan Al-hardan, N.H., (2013), Nanosilicate Extraction from Rice Husk Ash as Green Corrosion Inhibitor, *Int. J. Electrochem. Sci.*, 8 (2013) 1759-1769
- Bukit, N., dan Ginting, E.M., (2014), *Karakterisasi Material*, Unimed Press. Universitas Negeri Medan, Medan
- Ginangjar, R.R., Ma'ruf, A., dan Mulyadi, A.H., (2014), Ekstraksi silika dari abu sekam padi menggunakan pelarut NaOH, *prosiding seminar nasional – hasil penelitian dan pengabdian LPPM UMP 2014*, ISBN 978-602-14930-3-8
- Ginting, E. M., Wirjosentono, B., Bukit, N., dan Agusnar, H., (2014), Preparation and Characterization of Rice Husk Ash as Filler Material in to Nanoparticles on Hdpe Thermoplastic Composites, *Chemistry and Materials Research*, ISSN 2225-0956, Vol.6 No.7 2014
- Ginting, E.M., Bukit, N., dan Siregar, M.A., (2015), Preparation and Characterization of Natural Zeolite and Rice Husk Ash as Filler Material HDPE Thermoplastic, *Chemistry and Materials Research*, ISSN 2225-0956, Vol.7 No.2 2015
- Gorji, B., Ghasri, M.R.A., Fazaeli, R., dan Niksirat, N., (2012), Synthesis and Characterizations of Silica Nanoparticles by a New Sol-Gel Method, *Journal of Applied Chemical Research*, 6, 3, 22-26(2012)
- Gubin, S.P., (2009), *Magnetic Nanoparticles*, WILEY-VCH Verlag GmbH & Co. KgaA, Weinheim

- Hayati, R., dan Astuti, (2015), Sintesis Nanopartikel Silika Dari Pasir Pantai Purus Padang Sumatera Barat Dengan Metode Kopresipitasi, *Jurnal Fisika Unand* **Vol.4, No.3**, Juli 2015 ISSN 2302-8491
- Hessien, M.M., Rashad, M.M., Zaky, R.R., Abdel-Aal, E.A., dan El-Barawy, K.A., (2009), Controlling the Synthesis Condition for Silica Nanosphere from Semi-burned Rice Straw, *Material Science and Engineering B*
- Kalapathy, U., Proctor, A., dan Shultz, J., (2000), A simple method for production of pure silica from rice hull ash, *Bioresource Technology* **73 (2000) 257-262**
- Khalil, R., (2008), Impact of the surface chemistry of rice hull ash on the properties of its composites with polypropylene, Tesis, *RMIT University, Melbourne*
- Khemthong, P., Prayoonpokarach, S., dan Wittayakun, J., (2007), Synthesis and Characterization of Zeolite LSX from Rice Husk Ash, *Suranaree J. Sci. Techol.* **14(4):367-397**
- Le, V. H., Ha Thuc, C. N., dan Ha Thuc, H., (2013), Synthesis of silica nanoparticles from Vietnamese rice husk by sol-gel method, *Nanoscale Research Letters* 2013, **8:58**
- Mitchell, B.S., (2004), *An Introduction to Materials Engineering and Science: for Chemical and Materials Engineers*, A John Wiley & Sons, Inc., Publication
- Nugroho, Bayu., S.A., (2010), *Fabrikasi ferrogel dan karakterisasi magneto-elastisitasnya berbasis pasir besi Kediri*. Malang : Fakultas MIPA Universitas Negeri Malang.
- Premaratne, W.A.P.J., Priyadarshana, W.M.G.I., Gunawardena, S.H.P, dan De Alwis, A.A.P., (2013), synthesis of nanosilica from paddy husk ash and their surface functionalization, *J. Sci. Univ. Kalaniya* **8 (2013): 33-38**
- Pukird, S., Chamninok, P., dan Samran, S., (2009), Synthesis and Characterization of SiO₂ Nanowires Prepared from Rice Husk Ash, *Journal of Metal, Materials and Minerals*, **Vol. 19 No. 2 pp. 33-37, 2009**
- Rianto, R.H., (2007), Pengaruh Abu Sekam Sebagai Bahan Filler Terhadap Karakteristik Campuran Aspal Emulsi Bergradasi Rapat (CEBR), *Tesis, UNDIP, Semarang*
- Sitompul, J.P., Himawan, C., dan Wanadri, A., (1999), Penerapan *Spouted-bed* dalam Pembuatann Natrium Silikat dari Abu Sekam Padi: Hidrodinamika, Perpindahan Massa, dan Perolehan Silikat, *PROC.ITB.* **Vol.31, No.1**, 1999

- Sholihah, L.K., (2010), *Sintesis dan Karakteristik Partikel Nano Fe₃O₄ yang Berasal Dari Pasir Besi dan Fe₃O₄ Bahan Komersial (Aldrich)*, Laporan Tugas Akhir Jurusan Fisika, Institut Teknologi Sepuluh Nopember Surabaya.
- Tang, Q., dan Wang, T., (2005), Preparation of silica aerogel from rice hull ash by supercritical carbon dioxide drying, *J. of Supercritical Fluids* **35** (2005) **91-94**
- Thuadaj, N., dan Nuntiya, A., (2008), Preparation of Nanosilica Powder from Rice Husk Ash by Precipitation Method, *Chiang Mai J. Sci.* 2008; **35(1)** : **206-211**
- Thuadaj, N., dan Nuntiya, A., (2008), Synthesis and Characterization of Nanosilica from Rice Husk Ash Prepared by Precipitation Method, CMU. *J.Nat.Sci. Special Issue on Nanotechnology* (2008) **Vol. 7(1)**
- Thuadaj, N., dan Nuntiya, A., (2012), Preparation and Characterization of Faujasite using Fly Ash and Amorphous Silica from Rice Husk Ash, *Procedia Engineering* **32** (2012) **1026-1032**
- Wahyuni, R., Halim, A., dan Febronica, S., (2014), Studi Sistem Dispersi Padat Karbamazepin Menggunakan Campuran Polimer Peg 6000 Dan HPMC Dengan Metoda Pelarutan, *Prosiding Seminar Nasional dan Workshop "Perkembangan Terkini Sains Farmasi dan Klinik IV"* tahun 2014
- Wikipedia, (2015), https://id.wikipedia.org/wiki/Polietilena_glikol (diakses tanggal 21 september 2015)