

DAFTAR PUSTAKA

- Abdullah, M., Khairurrijal, 2008, Review: Karakterisasi Nanomaterial. *Jurnal Nanosains dan Nanoteknologi*, Vol. 1 No.2, hal 5-6.
- Abdullah, M., Virgus, Y., Nirmin, Khairurrijal, 2008, Review: Sintesis Nanomaterial, *Jurnal Nanosains dan Nanoteknologi*, Vol. 2, No.1, hal 38-39.
- Alkhtaby, L., 2011, Structural and Optical Properties of Mn Doped ZnO Nanoparticles, *Asian Journal of Chemistry*, Vol. 23, No. 12, (2011), 5605-560
- Bekkari, R., Laânaba, L., Boyerb, D., Mahioub, R., Jaberc, B., 2017, Influence of the sol gel synthesis parameters on the *photoluminescence* properties of ZnO nanoparticles, *Materials Science in Semiconductor Processing*, Vol. 7, Hal 181-187.
- Cardarelli, F., 2008, *Materials handbook a concise desktop references second edition*, London, Springer.
- Dal, A., posternak. M., Resta, R. dan Baldereschi, A., 1994, Initio Study of Piezoelectricity and Spontaneous Polarization in ZnO. *Physical Review B*, Vol. 50: 10715, hal 15-21.
- Hasanpoor, M., Aliofkhazraei, M., Delavari, H., 2015, Microwave-assisted synthesis of zinc oxide nanoparticles, *Procedia Materials Science*, hal 320-321.
- Hisyam, 2016, Sintesis Nanosfor Berbasis Kalsium Fosfat Dari Limbah Tulang Ikan Tuna Dengan Aktivator Europium (Eu), Skripsi, Jurusan Fisika, Institut Pertanian Bogor.
- Jagadish, C., Pearson, S., 2006, *Basic and Properties of ZnO, Zinc Oxide Bulk, Thin Film and Nanostructures first edition*, Canberra, hal. 1-17
- Ilham, M., Astuti, 2016, Pengaruh *Doping* Litium Terhadap Intensitas Luminisens Nanopartikel ZnO Menggunakan Metode Sol Gel. *Jurnal Fisika Unand* Vol. 5, No. 3.
- Klingshirn, C., 2007, ZnO: Material, Physics and Applications, *ChemPhysChem*, Vol.8, Hal 782-803.

- Kumar, R., 2015, Zinc Oxide Nanostructures for NO₂ Gas–Sensor Applications: A Review, *Nano-Micro*, Vol. 7, No.2, Hal 97–120.
- Maryanti, E., 2008, Studi Pengaruh Medan Listrik Pada Pertumbuhan Kristal ZnO, Thesis, Jurusan Kimia, Institut Teknologi Bandung.
- Mote, V.D., Dargad, J.S., Dole, B.N., 2013, Effect of Mn Doping Concentration on Structural, Morphological and Optical Studies of ZnO Nano-particle, *Nanoscience and Nanoengineering*, Vol.1, No.1, Hal. 116-122
- Nicholson, J.W., Parker, L., 1998, The Chemistry of Cements Formed Between Zinc Oxide and Aqueous Zinc Chloride, *Journal of Materials Science* Vol, 33, Hal 2251-2254.
- Ningsih, T.S., 2012, Sintesis dan Karakteristik Fotokatalis Ni²⁺-ZnO Berbasis Zeolit Alam, Skripsi, Fakultas Teknik program Studi Teknik Metalurgi dan Material, Universitas Indonesia, Depok.
- Omri, K., El Ghoul, J., Lemine, O.M., Bououdina, M., Zhang, B., El Mir, L., 2013, Magnetic and Optical Properties of Manganese doped ZnO Nanoparticles Synthesized by Sol-Gel technique, *Superlattices and Microstructures*, Vol. 60, Hal. 139-147.
- Ozgur, U., Alivov, Y.I., Liu, C., Teke, A., Reschikov, M.A., Dogan, S., Avrutin, V., Cho, S.J. dan Morkoc, H., 2005, A Comprehensive Review of ZnO Materials and Devices, *Journal of Applied Physics*, Vol 98: 041301, hal 1- 103.
- Rosyidah, N., 2011, Sintesis Nanopartikel ZnO dengan Metode Kopresipitasi, *Jurnal Teknik Pomits*, hal 1-2.
- Tan, L. T., Lai. C. W., Hamid. S. B. A., 2014, Tunable Band Gap Energy of Mn-Doped ZnO Nanoparticles Using the Coprecipitation Technique, *Journals of Nanomaterial*, Vol. 2014.
- Ton-That, C., 2012, Correlation between the structural and optical properties of Mn-doped ZnO nanoparticles, *Journal of Alloys and Compounds*, Vol. 52, Hal 114-117.

Voicu, G., Oprea, O., Vasile, B. S., Andronescu, E., 2013, *Photoluminescence and Photocatalytic Activity of Mn Doped ZnO Nanoparticles*, *Digest Journal of Nanomaterials and Biostructures*, Vol. 8, No. 2.

Wiberg, E., Wiberg, N., Holleman, A. F., 2001, *Inorganic Chemistry*. *Journal of chemical education*, Vol.79, Hal 944.

Widyawati, N., 2012, *Analisa Pengaruh Heating Rate terhadap tingkat Kristal dan Ukuran Butir Lapisan BZT yang Ditumbuhkan dengan Metode Sol Gel*, *Skripsi*, Surakarta: Universitas Sebelas Maret.

Yuwono, A. H., 2011, *Sel Surya Tersensitasi Zat Pewarna Berbasis Nanopartikel TiO₂ Hasil Proses Sol Gel Dan Perlakuan Pasca Hidrotermal*, *Jurnal Material dan Energi Indonesia*, Vol. 01. Hal. 127-140.

