

DAFTAR PUSTAKA

- Arifin, Z., Soeparman, S., Widhiyanuriyawan, D., & Suyitno. 2017. *Perfomance Enhancement of Dye Sensitized Solar Cells Using a Natural Sensitizer. International Journal of Photoenergy.* Vol. 2017
- Banyamin, Zlad Y, et al. 2014. *Electrical and optical properties of fluorine doped tin oxide thin films prepared by magnetron sptering. Coatings.* 4, 732-746.
- Brousseau, J., et al. 1997. *Electrical Properties and Topography of SnO₂ thin films prepared by reactive sputtering. Applied Surface Science, Volume 108(3),* pp. 351-358
- Chitra Agashe, Shailaja Mahamuni. 2010. *Competitive effect of film thickness and growt rate in spraye pyrolytically deposited fluorine-doped tin dioxide films. Thin Solid Films* 518. 5868-4873
- Choa, K., and Changa, 2009, *Mechanisms of the Formation of Filica Particles from Precursors with Different Volatilities by Flame Spray Pyrolysis,* Aerosol Science and Technology, Vol. 43 pp. 911-920.
- Dieter George, E. 1987. Metalurgi Mekanik. 3rd. Jakarta : Erlangga
- D. Miao, et al. 2010. *Effect of substrate temperature on the crystal growth orientation of SnO₂ :F thin films spray deposited on glass substrate. Journal of Non-Crystalline Solid.* Vol 356. no 44-49, pp. 2557-2561.
- Faiz, R., Widhiyanuriyawan, D., Siswanto, E., dan Wardana, I. 2017. *Theoritical study on the effect of solvent in chloropyill solution fir dye sensitized solar cell. International Conference on Chemistry and Material (IC2MS).* Vol 10. Pp 119-229
- Friedberg, Paul. 2002. *Four-point probe manual. EECS 143 Microfabrication Technology*
- Halme, J., 2002, *Dye-Sensitized Nanostructured and Organic Photovoltaic Cells: Technical Review and Preliminary Tests,* Helsinki University of Technology, Helsinki.
- Hasin, P., 2009, *Developing New Types of Electrode Materials for Dye-Sensitized Solar Cells (Dsscs),* The Ohio State University, Ohio.
- Irzaman, et al. 2010. Studi Konduktivitas Listrik Film Tipis Ba_{0,25}Sr_{0,75}TiO₃ Yang Didadah Ferium Oksida (BFST) Menggunakan Metode Chemical Solution Depositon. *Berkala Fisika.* Vol. 13, No. 1. ISSN: 1410-9662.
- Lalasari, Latifa Hanun., et al. 2015. Pengaruh pencampuran dan rasio dopan/prekursor dalam pembuatan lapisan tipis fluorine doped tin oxide (FTO) berbasis timah (II) klorida. Majalah Metalurgi 3: 105-114

- Moholkar, A.V., et al. 2008. *Solvent dependent growth of sprayed FTO thin films with mat-like morphology*. *Solar Energy Materials and Solar Cells*. Volume 92. 1439-1444
- Muruganantham, G., Ravichandran, K., Saravanakumar, K., Ravichandran, A.T., and Shakthivel, B., 2012, *Effect of Solvent Volume on the Physical Properties of Undoped and fluorine Doped Tin Oxide films Deposited Using a Low-Cost Spray Technique*, *Superlattices and Microstructures*, Vol. 50 pp. 722-733.
- Obaida, M. et al. 2015. *Low sheet resistance F-Doped SnO₂ thin films deposited by novel spray pyrolysis technique*. *International Journal of ChemTech Research*. vol.8 No. 12, pp 239-247
- Perednis, D., and Gauckler, L.J., 2005, *Thin Film Deposition Using Spray Pyrolysis*, *Journal of Electroceramics*, Vol. 14 pp. 103-111.
- Purwanto, A., Widiyandari, H., and Jumari, A., 2012, *Fabrication of High-Performance fluorine Doped-Tin Oxide film Using flame-Assisted Spray Deposition*, *Thin Solid Films*, Vol. 520 pp. 2092 – 2095.
- Ravichandran, K., Muruganantham, G., Shakthivel, B., and Philominathan, P., 2009, *Nanocrystalline Doubly Doped Tin Oxide Films Deposited Using a Simplified and Low-Cost Technique for Solar Cell Applications*, *Journal of Ovonic Research*, Vol. 5 pp. 63-69.
- Ren, Y., Zhao, G., and Chen, Y., 2011, *Fabrication of Textured SnO₂:F Thin films by Spray Pyrolysis*, *Applied Surface Science*, Vol. 258 pp. 914– 918.
- Russo, B., and Cao, G.Z., 2008, *Fabrication and Characterization of fluorine-Doped Thin Oxide Thin films and Nanorod Arrays Via Spray Pyrolysis*, *Materials Science & Processing*, Vol. 90 pp. 311–315.
- Santoso, Ahmad Arif. 2013. Studi Pengaruh Konsentrasi Larutan Prekursor Dan Temperatur Sintering Pada Pembuatan Kaca Konduktif Sebagai Komponen Sel Surya Tersensitisasi Pewarna. Skripsi. Tidak dipublikasikan. Surakarta : Universitas Sebelas Maret
- Shanti, S. et al. 1998. *Effect of fluorine doping on structural, electrical and optical properties of sprayed SnO₂ thin films*. *Journal of Crystal Growth* 194. 369-373
- Suherdiana, R., Roesadhiana, A., and Asrori, M., 2009, *Pembuatan Prototipe Dye-Sensitized Solar Cell Berbasis Nanopori Semikonduktor Anorganik*, Institut Teknologi Bandung, Bandung.

- Sundaramoorthy, R., Pern, F.J., DeHart, C., Gennett, T., Meng, F.Y., and Contreras, M., 2009, *Stability of Tco Window Layers for Thin-Film Cigs Solar Cells Upon Damp Heat Exposures.*
- Tatar, D., Duzgun B. 2012. *The Relationship between the doping level and some physical properties of SnO₂:F thin films spray-deposited on optical glass.* *Journal of Physics, Volume 79(1)*, pp. 137-150
- Thangaraju, B., 2012, *Structural and electrical studies on highly conducting spray deposited fluorine and antimony doped SnO₂ thin films from SnCl₂ precursor,* *Thin Solid Film*, 402, 71-78
- Toifur, M. 2014. Memahami resistivitas berbagai jenis probe arus-tegangan. Prosiding Petemuan Ilmiah XXVIII HFI Jateng & DIY. ISSN : 0853-0823
- Tri Arini, *et al.* 2016. The influence of deposition time and substrate temperature during the spray prolysis process the electrical resistivity and optical transmittance 2%wt fluorine doped tin oxide conducting glass. *International Journal of Technology* 8. 1335-1343
- Trimadji, Atmono. 2003. Lapisan tipis dan aplikasinya untuk sensor magnet dan sensor gas (diktat kuliah), Yogyakarta : PT APB BATAN
- Trethewey, K. R. and Chambelain, J., 1991. Korosi. Jakarta : Gramedia Pustaka Utama
- Van Vlack, L.H., 1991. Ilmu dan teknologi bahan. Jakarta : Erlangga
- Widhiayanuriyawan D, *et al.* 2017. *Theoritical study on the effect of solvent in chlorophyll solution for Dye SENsiized Solar Cell.* *Intenational Conference on Chemestry and material Science.*299. p 1-6
- Yadav, A.A., Masumdar, E.U., Moholkar, A.V., Neumann-Spallart, M., Rajpure, K.Y., and Bhosale, C.H., 2009, *Electrical, Structural and Optical Properties of Sno₂ :F Thin films: Effect of the Substrate Temperature,* *Journal of Alloys and Compounds*, Vol. 488 pp. 350–355.
- Zhang, B., *et al.* 2011. *The role of oxygen vacancy in fluorine-doped SnO₂ films.* *Physica B.* 406. 1822-1826