

DAFTAR PUSTAKA

1. Nandy P, Artono R, M. Adhitia, Potensi Pembangkit Daya Termoelektrik Untuk Kendaraan Hibrid, *Makara Teknologi*, 2009, 2(13):53-58.
2. Jung, Wang, High Thermoelectric Performance of Niobium-Doped Strontium Titanate Bulk Material Affected by All-Scale Grain Boundary and Inclusions, *Scripta Materialia*, 2014.
3. Plaff, Gerhard, Sol-Gel Synthesis of Stronthium Titanate Powder of Various Compositions, *Journal Mater Chemistry*, 1993, 3 (7), 721-724.
4. Ning, Wang, dkk, Solvothermal Synthesis of Stronthium Titanate Nano Crystalline from Metatitanic Acid and Photocatalytic Activities. *Powder Technology*. 2011, 207, 407- 473.
5. Qiang Xu and Tetsuhiko Kobayashi, Advanced Materials for Clean Energy, *CRC Press*, 2015, 94.
6. Benny Rio Fernandez: Sintesis Nano Partikel. *Makalah*. Progam Pasca Sarjana Studi Kimia. Universitas Andalas. Padang, 13, 2011.
7. Ryanuargo, Syaiful A, Sri Poernomo S, Generator Mini dengan Prinsip Termoelektrik dari Uap Panas Kondensor pada Sistem Pendingin, *Jurnal Rekayasa ElektriKa*, 2013, 4(10):180-185.
8. Yaremchenko, Aleksey, A, dkk, Boosting Thermoelektrik Performance by Controlled Defect Chemistry Engineering in Ta-Substituted Strontium Titanate, *Chemistry of Materials*, 2015.
9. Snyder, G.J.; Toberer, E.S, Complex Thermoelectric Materials. *Nature Materials*, 2008, 7, 105-114.
10. Kanatzidis, M.G, Nanostructured Thermoelectrics: The New Paradigm, *Chem. Mater*, 2010, 22, 648-659.
11. Yue Lin, Colin, Norman, dkk, Thermoelectric Power Generation From Lanthanum Strontium Titanate Oxide at Room Temperature the Additions Graphane, *ACS Applied Materials and Interfaces*, 2015.

12. Koumoto, K.; Funahashi, R.; Guilmeau, E.; Miyazaki, Y.; Weidenkaff, A.; Wang, Y. F. Wan, C. L, Thermoelectric Ceramics for Energy Harvesting. *J Am Ceram Soc*, 2013, 96, 1-23.
13. Stanulis, A, dkk, Low Temperature Synthesis and Charcterization of Strontium Titanate Ceramics, *Material Chemistry and Physics*, 2011, 130, 1246-1250.
14. Dairong C, Xiuling J, Maosen Z, Hydrothermal Synthesis of Strontium Titanate Powder with Nanometer Size Derived from Different Precursors, *Journal of European Ceramic Society*, 2000, 20, 1261-1265.
15. Jeffery, J. Urban, dkk, Synthesis of Single-Crystalline Perovskite Nanorods Composed of Barium Titanate and Strontium Titanate, *J. AM. Chem. Soc*, 2002, 124(7).
16. Alastair, George and Harley Smith, Structural and Defect Properties of Stronhium Titanate, *Thesis*, Department of Chemistry, University College London, 17-19, 2011.
17. Properties of Strontium Titanate, http://repository.ul.pt/bitstream/10451/1643/10/19741_usld_re487_10 Chapter II. Diakses pada tanggal 03 Oktober 2015.14:50 WIB.
18. Jin, Mingshang, Guannan H, Hui Z, Jie Z, Zhaoxiong X, Younan X, Shape-Controlled Synthesis of Copper Nanocrystals in an Aqueous Solution with Glucose as a Reducing Agent and Hexadecylamine as a Capping Agent, *Nanoparticle Synthesis*, 2011, Vol 50, 10560-10564.
19. Yuliantika, Ersi, Studi Pendahuluan Oksidasi Katalisis Miselar Stirena menjadi Benzaldehida menggunakan Sol $Ti(OH)_4$ sebagai Katalis, *Skripsi*, FMIPA, Universitas Indonesia, Depok, 2009.
20. Manisha, Mishra, dkk, Basics and Potensial Applications of Surfactans, Review, *International Journal of Pharmtech Research*, 2009,1: 1354-1355.
21. Vaidya, Sonalika, dkk, Core-shell Nanostructures and Nanocomposites of $AgTiO_2$: Effect of Capping Agent and Shell Thickness on The Optical Propeties, *J Nanopart Re*, 2010, 12 : 1033-1044.

22. Shawqi, Almajdalawi, Solvothermal Synthesis of Advanced Composite Materials, *Thesis*, Faculty of Technology, Thomas Bata University, Zlin, 2012.
23. Cullity, B. D., Andstock, S.R., 2010, *Element of X-Rays Diffraction 3rd*, Prentice Hall, 2001)(Ooi, Ling L.: *Principles of X-Rays Crystallography*, United State, Oxford University Press.
24. Romaida Hutabarat, Sintesis dan Karakteristik Fotokatalis Fe²⁺ZnO Berbasis Zeolit Alam, *Skripsi*, Fakultas Teknik, Universitas Indonesia, Depok, 2012.
25. Abdullah, Mikrajuddin, Khairurijal, Karakterisasi Nanomaterial, *Jurnal Nanosains & Nanoteknologi*, , 2009, 2 (1).
26. Silverstein RM, Webster FX, Kiemle DJ: *Spectrometric Identification of Organic Compounds*. 7th Edition. John Wiley and Sons, Inc. United State of America. 1963: 268-275.
27. Ola Y.H., dan Astuti: Sifat Listrik Dan Optik Nanokomposit Epoxy Resin – TiO₂., *Jurnal fisika unand*. 2013.,2(2).
28. Ella. A.S., Arief. S., Zulhadjri. Z: Sintesis Fasa Aurivillius Lapis Empat SrBi_{4-x}La_xTi₄O₁₅ Dengan Metode Lelehan Garam. *Jurnal Kimia Unand* 2013, 2(2).
29. A. Marques, dkk, A Novel Synthesis of SrCO₃-SrTiO₃ Nano Composites with High Photocatalytic Activity, *J Nanopart Res*, 2014, 16 : 2804.
30. Irzama, dkk, Studi Konduktivitas Listrik Film Tipis Ba_{0.25}Sr_{0.75}TiO₃ yang Didadah Ferium Oksida (BFST) menggunakan Metode *Chemical Solution Deposition*, ISSN : 1410 – 9662, 2010, 13(1).
31. Hamsal Y, Sintesis Senyawa Fasa Ruddlesden-Popper Sr_{n+1}Ti_nO_{3n+1} n=1, 2 dan 3) dengan Metode Lelehan Garam dan Mempelajari Hantaran Listriknya, *Skripsi*, FMIPA, Universitas Andalas, Padang, 2015.