

DAFTAR PUSTAKA

1. Zed, F.; Suharyani, Y. D.; Rasyid, A.; Hayati, D.: *Outlook Energi Indonesia 2014*, 01-07 Outlook Final.Indd, Jakarta, 2014, 2-16.
2. Ryanuargo; Anwar, S.; Sari, S.; P.: Generator mini dengan prinsip termoelektrik dari uap panas kondensor pada sistem pendingin, *Jurnal Rekayasa Elektrika* 2013, 10, 4.
3. Majumdar A.: Thermoelectric Applications, *Nature Nanotechnology* 2009.
4. Wang, Y. F.; Lee, KH.; Ohta, H.; Koumoto, K.: Thermoelectric properties of electron doped SrO (SrTiO_3)_n ($n = 1, 2$) ceramics, *J Applied Physics* 105.103701, Nagoya University 2009.
5. Dani, M.; Suasmoro; Surya, T. Y.: Sintesis titanat campuran $\text{Ba}_{1-x}\text{Sr}_x\text{TiO}_3$ yang didoping dengan Nb_2O_5 dan karakterisasi dengan *scanning electron microscope* (SEM), *Prosiding Pertemuan Ilmiah Ilmu Pengetahuan dan Teknologi Bahan '99*, 1999, 1411.
6. Putri Y. E.; Wan, C.; Wang, Y.; Norimatsu, W.; Kusunoki, M.; Koumoto, K.: Effects of alkaline earth doping on the thermoelectric properties of misfit layer sulfides, *J scriptamat. Elsevier* 2012, 66(11), 895–898.
7. Putri, Y. E.: Study on $(\text{Bi}_{1-y}\text{ByS})_n(\text{Ti}_{1-x}\text{AxS}_2)_2$ misfit layer sulfide as a novel thermoelectric material, *Disertasi*, Chemical Engineering and Biotechnology, Nagoya University, Nagoya, 2013.
8. Rahman, M.; Kusumah, I. H.; Komaro, M.: Analisa pendinginan coolbox termoelektrik dengan menggunakan photovoltaic sebagai sumber energi, *TORSI* 2013, 39-41.
9. Singh, D. and Singh, R., 2010, Synthesis and characterization of Ruddlesden-Popper (RP) type phase $\text{LaSr}_2\text{MnCrO}_7$, *Journal of Chemistry Indian* 2010, 122 No. 6, 807-811.
10. Fansuri, H.; Idayati, E.: Perbandingan hasil sintesis oksida perovskit $\text{La}_{1-x}\text{Sr}_x\text{CoO}_{3-\delta}$ dari tiga variasi metode (Sol-Gel, Solid-State, Kopresipitasi), Institut Teknologi Sepuluh November, Surabaya, 2008.
11. Du, X.; Zou, G.; Wang, X.: Low Temperature Synthesis of Ruddlesden-Popper Type Layered Perovskite $\text{La}_x\text{Ca}_{3-x}\text{Mn}_2\text{O}_7$ for Methane Combustion, University of Chinese Academy of Sciences, Beijing, China, 2015.
12. Sun, R.; Li, D.; Liangliang, L.; Zhang, J.; Wang, Q.; Qin, Z.: Preparation and thermoelectric properties of rare-earth-metal-doped $\text{SrO}(\text{SrTiO}_3)_n$ oxides, Laboratory of Materials Physics, Institute of Solid State Physics, Chinese Academy of Science, *Journal of Procedia Engineering* 2012, 27, 103-108.
13. Song, M.; Kim, S.; Lee, J.: Synthesis and physical properties of Ruddlesden-Popper phase $\text{Sr}_3\text{Mn}_{2-x}\text{Fe}_x\text{O}_{7-\delta}$ ($x = 0,15-1,0$), School of Metallurgical and Materials Engineering, Center for Materials Research Yeungnam University, Korea, 2004.
14. Ella, A. S.; Arief, S.; Zulhadjri: Sintesis fasa aurivillius lapis empat $\text{SrBi}_{4-x}\text{La}_x\text{Ti}_4\text{O}_{15}$ dengan metode lelehan garam, *Jurnal Kimia Unand*, 2013, 2:2.

15. Kimura, T.: Molten salt synthesis of ceramic powders. *Advances in Ceramics-Synthesis and Characterization, Processing and Specific Applications* 2011, Intech : 75-100.
16. Adha, S.; Mardiyanto; Mahyudin, A.: Aplikasi metode *molten salt* untuk sintesis bahan pizoelektrik $\text{Bi}_{0,5}(\text{Na}_{0,75}\text{K}_{0,25})_{0,5}\text{TiO}_3$, *Indonesian Jurnal of Materials Science* 2014, 1411-1098, 284-289.
17. Setyaningsih, L.: Analisis pengaruh variasi dopan samarium terhadap struktur kristal dan morfologi lapisan tipis barium strontium titanat, Universitas Sebelas Maret, Surakarta, 2012.
18. Miwa, K.; Kagomiya, I.; Ohsato, H.; Sakai, H.; Maeda, Y.: Electrical properties of the $\text{Sr}_2\text{Ru}_{1-x}\text{Ti}_x\text{O}_4$ solid solution, *Journal of the European Ceramic Society* 2007, 27, 4287-4290.
19. Waluyanti, S.: Alat ukur dan teknik pengukuran untuk SMK., Direktorat Jendral Manajemen Pendidikan Dasar dan Menengah Departemen Pendidikan Nasional, 2013.
20. Yusri, H.: Sintesis senyawa fasa Ruddlesden-Popper $\text{Sr}_{n+1}\text{Ti}_n\text{O}_{3n+1}$ ($n= 1, 2$, dan 3) dengan metoda lelehan garam dan mempelajari hantaran listriknya, *Skripsi*, FMIPA, Universitas Andalas, Padang, 2015.
21. Heru, S.: Pengaruh suhu sintering terhadap densitas dan kekuatan komposit plastik-karet, *Jurnal Ilmiah Teknik Mesin Cakra M.*, Vol. 3 No.1, Universitas Negeri Surakarta, 2009.
22. Elcombe, M.; Kisi, E.H.; Hawkins, K.D.; White, T.J.; Goodman, P.; Matheson, S.: Structure determinations for $\text{Ca}_3\text{Ti}_2\text{O}_7$, $\text{Ca}_4\text{Ti}_3\text{O}_{10}$, $\text{Ca}_{3.6}\text{Sr}_{0.4}\text{Ti}_3\text{O}_{10}$ and a refinement of $\text{Sr}_3\text{Ti}_2\text{O}_7$, *Philosophical Transactions of the Royal Society of London*, 1991.
23. Ruddlesden, S. N.; Popper, P.: The compound $\text{Sr}_4\text{Ti}_3\text{O}_{10}$ and its structure. *Acta Crystallog* 1958, 11, 54-55.
24. Zhang, S. W.; Jayaseelan, D. D.; Bhattacharya, G.; Lee, W. E.: Molten salt synthesis of magnesium aluminate (MgAl_2O_4) spinel powder, *Journal of the American Ceramic Society* 2006, 89: 1724-1726.
25. Ravkina, O.; Rathel, J.; Feldhoff, A.: Influence of different sintering techniques on microstructure and phase composition of oxygen-transporting ceramic, *Journal of the European Ceramic Society* 2015, 35: 2838.
26. Irzaman; Erviansyah, R.; Syafutra, H.; Maddu, A.; Siswadi: Studi konduktivitas listrik film tipis $\text{Ba}_{0,25}\text{Sr}_{0,75}\text{TiO}_3$ yang dididat Ferium Oksida (BFST) menggunakan metode chemical solution deposition, *Jurnal Berkala Fisika* 2010, 33 -38.
27. Kimura, T.: Molten salt synthesis of ceramic powders, Intechopen, Kelo University, Japan, 2012.