

## DAFTAR PUSTAKA

1. Manan, S.: Energi matahari, sumber alternatif yang efisien, handal dan ramah lingkungan di Indonesia, Fakultas teknik universitas Indonesia, 31-35.
2. Putri, Y. E; Hamsal, Y; Zulhadjri.: studi hantaran listrik  $Sr_{n+1}Ti_nO_{3n+1}$  ( $n= 1$  dan  $2$ ) fasa ruddlesden-popper yang disintesis dengan metode lelehan garam. *J.ris.Kim* 2015, 8(2), 176-181.
3. Jeric, M; Johannes, de Boor; Bostjan, Jr; Miran, C.: An enhanced thermoelectric figure of merit for  $Sr(Ti_{0,8}Nb_{0,2})O_3$  based on a ruddlesden-popper-polytype-induced microstructure, *Journal of the European ceramic society* 2016, 36, 1177-1182.
4. Fergus, J. E.: Oxide materials for high temperature thermoelectric energy conversion, *journal of the European ceramic society* 2012, 32, 525-540.
5. Kuomoto,K; Yifeng, W; Ruizhi, Z; Atsuko, K; Ryoji, F.: Oxide Thermoelectric material: A Nanostructuring Approach, *Annu.Rev.Mater* 2014,40, 363-394.
6. Aziz, A; Joko, Subroto; Villager, Silpina.: Aplikasi modul termoelektrik sebagai media pendinginan kotak minuman, Fakultas teknik, Universitas Riau.
7. Putri, Y. E., Study on  $(Bi_{1-y}B_yS)_n (Ti_{1-x}A_xS_2)_2$  misfit layer sulfide as a novel thermoelectric material, *Disertasi, Chemical Engineering and Biotechnology*, Nagoya University, Nagoya, 2013.
8. Putra, Nand; Raldi, Artono Koestoer; M, Adhitya; Ardian, Roekettino; Bayu, Trianto.: Potensi pembangkit daya termoelektrik untuk kendaraan hibrid, *Makara teknologi* 2009, 13(2), 53-58.
9. Lee, kyu hyoung; Sung, Wng Kim; hiromichi ohta; kunihito koumoto.: Thermoelectric properties of Ruddlesden-Popper phase n-type semiconducting oxides:La-,Nd-,and Nb-Doped  $Sr_3Ti_2O_7$ , *Int,J,Appl.Ceram,Technol* 2007, 4(4), 326-331.
10. Kamba, S; P.Samoukhina; F, Kadlec; J, Pokorny; J, Petzelt.: Composition dependence of the lattice vibrations in  $Sr_{n+1}Ti_nO_{3n+1}$  ruddlesden-popper homologous series, *journal of the European ceramic* 2003, 23, 2639-2645.
11. Reshak, A.H.: thermoelectric properties of  $Sr_{n+1}Ti_nO_{3n+1}$  ( $n= 1,2,3,\infty$ ) ruddlesden-popper homologous series, *renewable energi* 2015, 76, 36-44.
12. Lee, kyu hyoung; Sung, Wng Kim; hiromichi ohta; kunihito koumoto.: thermoelectric properties of layered perovskite-type  $(Sr_{1-x}Ca_x)_3(Ti_{1-y}Nb_y)_2O_7$ , *Journal of applied physics* 2007, 1-6.
13. Guan, Li; Mingjun, Li; Xu, Li, Lihua, Feng; Baoting, Liu; Zhiren, Wei; Charles, B. Musgrave.: Electronic and dielectric properties of Ruddlesden-popper type and magneli type  $SrTiO_3$ , *Computational Materials Science*, 2015, 96, 223-228
14. Ulfah, N; Yulia, E.P; Syukri.: Pengaruh Substitusi Niobium terhadap Sifat Hantaran Listrik Senyawa  $Sr_{n+1}Ti_nO_{3n+1}$  ( $n= 1, 2$  dan  $3$ ) Fasa Ruddlesden-Popper yang Disintesis melalui metoda Lelehan Garam. *Skripsi. FMIPA. Universitas Andalas. Padang.2016.*
15. Wang,Yifeng; Kyu, Hyoung Lee; Hideki, Hyuga.: enhancement of thermoelectric performance in rare earth-doped  $Sr_3Ti_2O_7$  by symmetry restoration of  $TiO_6$  octahedra, *journal electroceram* 2010, 24, 76-82.
16. Zheng, G.H; Z.H. Yuan. Z.X.Dai; H.Q.Wang.: Improvement of the thermoelectric properties of  $(Sr_{0,9}La_{0,1})_3Ti_2O_7$  by Ag addition, *J low temp phys* 2013.
17. Iriani, Y; Setyaningsih,L; Jamaluddin, A: Analisis pengaruh variasi dopan lantanum pada lapisan tipis barium strontium titanat terhadap struktur kristal, *Indonesian Journal of applied physics* (2012), Vol.2, Hal, 170, ISSN: 2089-0133.

18. Zuhadjri; Sabri.E. A; Syukri. A.:Sintesis Senyawa Aurivillius  $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$  yang Didoping Kation  $\text{La}^{3+}$  dengan Metoda Lelehan Garam. Padang. Univrsitas Andalas, 2013.
19. Zhou, Huang; Jiangying, Wang; Jintao, Liu; Shengyong, Jin; Jingji, Zhang:.. Influence of hydrothermal synthesis condition on structure and microwave properties of  $\text{Sr}_{n+1}\text{Ti}_n\text{O}_{3n+1}$  ceramics. *Asian journal of chemistry* 2013, 25(3), 1593-1596.
20. Ahda, Syahfandi; Mardiyanto; Alimin, Mahyudin.: Aplikasi metode molten salt untuk sintesis bahan pizoelektrik  $\text{Bi}_{0,5}(\text{Na}_{0,75}\text{K}_{0,25})_{0,5}\text{TiO}_3$ , *Jurnal sains materi Indonesia* 2013, 14(4), 284-289.
21. Li, Zhiou; Xiaoyong, Zhang; Junfeng, Hou; Kechao, Zhou.: *Molten salt* synthesis of anisometric  $\text{Sr}_3\text{Ti}_2\text{O}_7$  particles, *Journal of crystal growth* 2007, 305, 265-270.
22. Akdogan,E.K; Brennan, Raymond Edwin, Allahverdi, Mehdi; Safari, Ahmad.: Effect of *molten salt* synthesis (MSS) parameters on the morphology of  $\text{Sr}_3\text{Ti}_2\text{O}_7$  and  $\text{SrTiO}_3$  seed crystal, *J electroceram* 2006, 16, 159-165.
23. Liu, Yun-fei; Xu, Ming; Zhoun. Liu-fei.: Formation mechanisms of platelet  $\text{Sr}_3\text{Ti}_2\text{O}_7$  crystal synthesis by the *molten salt* synthesis method , *J. Am. Ceram* 2007, 90(6), 1774-1779.
24. Kimura,Tashio; *Advances in Ceramics-Synthesis and Characterization, Processing and Specific Aplication. Molten salt* Synthesis of ceramic Powders. Keio University. Japan.
25. Yusri, H; Yullia, E.P; Zulhadjri.: 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.
26. Chang,Yunfei; Huanpo, Ning; Jie, Wu; Shantao, Zhang; Tianquan, Liu; Bin, Yang; Wenwu,Cao.: Formation Mechanism of (001) Oriented Perovskite  $\text{SrTiO}_3$  Microplatelets Synthesized by Topochemical Microcrystal Conversion. *Inorganic chemistry* 2014,53,11060-11067.

