

- [11] C. E. Ciomaga, R. Calderone, M. T. Buscaglia, M. Viviani, V. Buscaglia, L. Mitoseriu, A. Stancu, P. Nanni, *Journal of Optoelectronics and Advanced Materials* 8(3) (2006) p. 944 – 948.
- [12] Shi Su, R Zuo , S. Lu , Z. Xu , X. Wang , L.Li, *Current Applied Physics* 11 (2011) S120-S123.
- [13] C. Fu, F. Pan, W. Cai, and X. Deng, *Integrated Ferroelectrics*, 104 (2008) p1–7.
- [14] S. R. Jigajeni, A. N. Tarale, D. J. Salunkhe, P. B. Joshi, S. B. Kulkarni, *Ceramics International* 39 (2013) 2331.
- [15] F. Mouraa, A. Z. Simões , B. D. Stojanovic, M. A. Zaghete , E. Longoa, J. A. Varela, *Journal of Alloys and Compounds* 462 (2008) 129–134
- [16] W. Li, Z. Xu, R. Chu, P. Fu, and G. Zang, *Brazilian Journal of Physics*, 40(3) (2010).
- [17] F. Moura, A. Z. Simões, .C A. Paskocimas, M. A. Zaghete, J. A. Varela, E. Longo *Materials Chemistry and Physics* 123 (2010) 772–775.
- [18] I. Coondoo, N. Panwar, H. Amorin, M. Alguero, and A. L. Kholkin, *Journal of Applied Physics* 113 (2013) 214107.
- [19] T. Maiti, R. Guo, and A. S. Bhalla, *Ferroelectrics*, 425 (2011) p4–26.
- [20] C. Ostos , L. Mestres , M. L. Martí'nez-Sarrión , J. E. Garcí'a , A. Albareda , R. Perez *Solid State Sciences* 11 (2009) 1016–1022.
- [21] S M Kaczmarek, M Or_owski, T Skibi_cki, A Jasik and L I Ivleva, *Rev. Adv. Mater. Sci.* 23 (2010) 80-87
- [22] B Tilak, *American Journal of Materials Science* 2(4) (2012) p110-118.
- [23] S. B. Kulkarni, S. S. Veer, D. J. Salukhe, S. R Kokare, P. B. Joshi , *Indian Journal of Engineering and Material Science* 15 (2008) p116-120.
- [24] M. Shi , J. Zhong, R. Zuo, Y. Xu, L. Wang, H. Su, C Gu, *Journal of Alloys and Compounds* 562 (2013) 116–122.
- [25] J. L. Zhang, P. F. Ji, Y. Q. Wu, X. Zhao, Y.Q. Tan, and C. L. Wang , *Applied Physics Letters* 104 (2014) 222909.

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