

DAFTAR PUSTAKA

1. Keeney L, Maity T, Schmidt M, et al. Magnetic field-induced ferroelectric switching in multiferroic aurivillius phase thin films at room temperature. *J Am Ceram Soc.* 2013;96(8):2339-2357. doi:10.1111/jace.12467
2. Sun S, Liu C, Wang G, et al. Structural and Physical Properties of Mixed-Layer Aurivillius-Type Multiferroics. *J Am Ceram Soc.* 2016. doi:10.1111/jace.14312
3. Birenbaum AY, Ederer C. Potentially multiferroic Aurivillius phase $\text{Bi}_5\text{FeTi}_3\text{O}_{15}$: Cation site preference, electric polarization, and magnetic coupling from first principles. *Phys Rev B - Condens Matter Mater Phys.* 2014;90(21):1-12. doi:10.1103/PhysRevB.90.214109
4. Badapanda T, Harichandan R, Nayak S, Mishra A, Anwar S. Frequency and temperature dependence behaviour of impedance, modulus and conductivity of $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$ aurivillius ceramic. *Process Appl Ceram.* 2014;8(3):145-153. doi:10.2298/pac1403145b
5. Peláiz-Barranco A, González-Abreu Y. Ferroelectric ceramic materials of the Aurivillius family. *J Adv Dielectr.* 2013;03(04):1330003. doi:10.1142/S2010135X1330003X
6. Chen X, Xiao J, Xue Y, Zeng X, Yang F, Su P. Room temperature multiferroic properties of Ni-doped Aurivillus phase $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$. *Ceram Int.* 2014;40(2):2635-2639. doi:10.1016/j.ceramint.2013.10.063
7. Bobic J, Vijatovic-Petrovic M, Stojanovic B. Aurivillius $\text{BaBi}_4\text{Ti}_4\text{O}_{15}$ based compounds: Structure, synthesis and properties. *Process Appl Ceram.* 2013;7(3):97-110. doi:10.2298/pac1303097b
8. Li JB, Huang YP, Rao GH, et al. Ferroelectric transition of Aurivillius compounds $\text{Bi}_5\text{Ti}_3\text{FeO}_{15}$ and $\text{Bi}_6\text{Ti}_3\text{Fe}_2\text{O}_{18}$. *Appl Phys Lett.* 2010;96(22):1-5. doi:10.1063/1.3447372
9. Xu Z, Chu R, Hao J, Yao Z, Li H. Hydrothermal preparation and electrical properties of Aurivillius phase $\text{SrBi}_4\text{Ti}_4\text{O}_{15}$ ceramic. *Ferroelectrics.* 2017;516(1):148-155. doi:10.1080/00150193.2017.1362212
10. Sivanagi Reddy E, Sukumaran S, James Raju KC. Microwave assisted synthesis, sintering of lead-free ferroelectric $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$ ceramics. *Mater Today Proc.* 2016;3(6):2213-2219. doi:10.1016/j.matpr.2016.04.128
11. Diao CL, Zheng HW, Gu YZ, Zhang WF, Fang L. Structural and electrical properties of four-layers Aurivillius phase $\text{BaBi}_{3.5}\text{Nd}_{0.5}\text{Ti}_4\text{O}_{15}$ ceramics. *Ceram Int.* 2014;40(4):5765-5769. doi:10.1016/j.ceramint.2013.11.015
12. Hou RZ, Chen XM. Neodymium substituted $\text{CaBi}_4\text{Ti}_4\text{O}_{15}$ bismuth layered compound. *J Eur Ceram Soc.* 2006;26(8):1379-1383. doi:10.1016/j.jeurceramsoc.2005.02.006
13. Pavlović N, Koval V, Dusza J, Srđić V V. Effect of Ce and La substitution on dielectric properties of bismuth titanate ceramics. *Ceram Int.* 2011;37(2):487-492. doi:10.1016/j.ceramint.2010.09.005
14. Fei L, Zhou Z, Hui S, Dong X. Effects of La³⁺ substitution on structure and temperature dependence of electrical properties of $\text{CaBi}_4\text{Ti}_4\text{O}_{15}-\text{Bi}_4\text{Ti}_3\text{O}_{12}$ ceramics. *J Mater Sci Mater Electron.* 2015;26(9):6843-6847. doi:10.1007/s10854-015-3299-2

15. Sharma N, Kennedy BJ, Elcombe MM, Liu Y, Ling CD. Coexistence of ferroelectricity and magnetism in transition-metal-doped n = 3 Aurivillius phases. *J Phys Condens Matter*. 2008;20(2). doi:10.1088/0953-8984/20/02/025215
16. Zulhadjri, Prijamboedi B, Nugroho AA, et al. Aurivillius phases of $PbBi_4Ti_4O_{15}$ doped with Mn 3 synthesized by molten salt technique: Structure, dielectric, and magnetic properties. *J Solid State Chem.* 2011;184(5):1318-1323. doi:10.1016/j.jssc.2011.03.044
17. Moure A. Review and perspectives of Aurivillius structures as a lead-free Piezoelectric system. *Appl Sci*. 2018;8(1). doi:10.3390/app8010062
18. Fukunaga M, Takesada M, Onodera A. Ferroelectricity in Layered Perovskites as a Model of Ultra-Thin Films. *World J Condens Matter Phys*. 2016;06(03):224-243. doi:10.4236/wjcmp.2016.63022
19. Kennedy BJ, Zhou Q, Kubota Y, Kato K. Cation disorder and phase transitions in the four-layer ferroelectric Aurivillius phases $ABi_4Ti_4O_{15}$ (A = Ca, Sr, Ba, Pb). 2008;181:1377-1386. doi:10.1016/j.jssc.2008.02.015
20. Ederer C, Spaldin NA. Recent progress in first-principles studies of magnetoelectric multiferroics. *Curr Opin Solid State Mater Sci*. 2005;9(3):128-139. doi:10.1016/j.cossms.2006.03.001
21. Eerenstein W, Mathur ND, Scott JF. Multiferroic and magnetoelectric materials. *Nature*. 2006;442(7104):759-765. doi:10.1038/nature05023
22. Khomskii D. Classifying multiferroics: Mechanisms and effects. *Physics (College Park Md)*. 2009;2. doi:10.1103/physics.2.20
23. Zulhadjri, Sabri Ella Afni SA. Sintesis Senyawa Aurivillius $SrBi_4Ti_4O_{15}$ Yang Didoping Kation La³⁺ Dengan Metode Lelehan Garam. *Prosiding semirata FMIPA Universitas Lampung*; 2013:489-494.
24. Ismunandar. *Padatan Oksida Logam Struktur, Sintesis, Dan Sifat-Sifatnya*. Bandung: Penerbit ITB; 2006.
25. Xialian Z, Xinyou H, Chunhua G. ScienceDirect Study on Ferroelectric and Dielectric Properties of La-Doped $CaBiTi_4O_{15}$ -Based Ceramics. 2007;25:168-172.
26. Peterson VK. Lattice parameter measurement using Le Bail versus structural (Rietveld) refinement: A caution for complex, low symmetry systems. *Powder Diffr*. 2005;20(1):14-17. doi:10.1154/1.1810156
27. Karthik T, Rao TD, Srinivas A, Asthana S. A-Site Cation disorder and Size variance effects on the physical properties of multiferroic $Bi_{0.9}RE_{0.1}FeO_3$ Ceramics (RE =Gd³⁺, Tb³⁺, Dy³⁺). 2012;1-12. <http://arxiv.org/abs/1206.5606>
28. Wendari TP, Arief S, Mufti N, et al. Synthesis, structural analysis and dielectric properties of the double-layer Aurivillius compound $Pb_{1-2x}Bi_{1.5+2x}La_{0.5}Nb_{2-x}Mn_xO_9$. *Ceram Int*. 2019;45(14):17276-17282. doi:10.1016/j.ceramint.2019.05.285
29. Tanwar A, Verma M, Gupta V, Sreenivas K. A-site substitution effect of strontium on bismuth layered $CaBi_4Ti_4O_{15}$ ceramics on electrical and piezoelectric properties. *Mater Chem Phys*. 2011;130(1-2):95-103. doi:10.1016/j.matchemphys.2011.05.081
30. Reddyprakash M, Rout SK, Satapathy A, Sinha TP, Sariful SM. Dielectric and ferroelectric properties of samarium substituted $BaBi_4Ti_4O_{15}$ Aurivillius oxides.

